



**Cimarex Energy Co.**  
**Well History**  
**01/01/1900 - 12/31/2076**

**OPERATED**

**WARWINK NORTHWEST PROSPECT**

**CIMAREX ENERGY CO**

**429825-006.01 CIMAREX UNIVERSITY 20-44 1H**

County, St: Ward, TX

Location:

Spud Date: 08/26/2007 W.I. Pct BCP: 50.00 %  
Formation: W.I. Pct ACP: 50.00 %  
Prop Depth: 11750 Sec/TS/Rng: 44

08/03/2010	Daily Cost:	\$42,337
WO	Cumulative Costs:	\$95,137
AFE: 370384WE	Present Operation:	Run 1750 Baker Centrilift ESP
DFS: 1073	Well pumping good. RDMO. Final Report	
08/02/2010	Daily Cost:	\$5,250
WO	Cumulative Costs:	\$52,800
AFE: 370384WE	Present Operation:	Run 1750 Baker Centrilift ESP
DFS: 1072	Receive 20 1 1/2" K-bars, 57 7/8" KD rods, 75 1" KD rods, & 152 1.25 FG rods from Cimarex. Install rod boxes. PU new 1 1/2" pump. TIH w/rods & pump. Unit wouldn't start. Sun Electric repairedd panel. RU hot oiler. Load & test tbg to 500# w/33 bls wtr. Pressure tbg to 500#. Held. Unit in 144" hole @ 7 1/2 SPM. POP. SDFN. NOTE: Installed rod rotator	
08/01/2010	Daily Cost:	\$0
WO	Cumulative Costs:	\$47,550
AFE: 370384WE	Present Operation:	Run 1750 Baker Centrilift ESP
DFS: 1071	NO ACTIVITY	
07/31/2010	Daily Cost:	\$0
WO	Cumulative Costs:	\$47,550
AFE: 370384WE	Present Operation:	Run 1750 Baker Centrilift ESP
DFS: 1070	NO ACTIVITY	
07/30/2010	Daily Cost:	\$6,600
WO	Cumulative Costs:	\$47,550
AFE: 370384WE	Present Operation:	Run 1750 Baker Centrilift ESP
DFS: 1069	Receive 30 jts 3 1/2" J-55 poly lined tbg from Cimarex. PU new 3 1/2" slotted BPMA. PU 4' 2 7/8" perf sub, 2 7/8" x 7" TAC, 2 7/8" SN, Talley & run 30 jts 3 1/2" poly lined tbg. TIH w/265 jts 2 7/8" L-80 tbg. ND BOP. Set TAC = 17 pts. NU WH. SIW SDFWE.  Tubing Detail 265 2 7/8" L-80 tbg 8511.20 8528.20 30 3 1/2" (.3# poly lined tbg 974.94 9503.14 1 2 7/8" SN 1.10 9504.24 1 2 7/8" x 7" TAC 2.85 9507.09 1 2 7/8" tbg sub 4.00 9511.09 1 3 1/2" slotted BPMA 31.22 9542.31	
07/29/2010	Daily Cost:	\$10,850
WO	Cumulative Costs:	\$40,950
AFE: 370384WE	Present Operation:	Run 1750 Baker Centrilift ESP
DFS: 1068	Open well. Bleed dn gas. TIH w/ same shoe & extention on tbg. Tag up at 9971' = 1' higher than yesterday. Rotated dn 1' to 9972'. Same as before. Work to get dn further. This should be right at the top of RSB pkr. TOH w/tbg. Had about 2/3rds of a 5 gallon but on cable bands in shoe. Pieces were smaller than before. Some were only 2" long. Estimate we recovered about 200 bands. SIW. SDFN.	
07/28/2010	Daily Cost:	\$16,650
WO	Cumulative Costs:	\$30,100
AFE: 370384WE	Present Operation:	Run 1750 Baker Centrilift ESP
DFS: 1067	MIRU Weatherford reverse unit. Set test tk & filled w/FW. Open well. Well still dead. PU 6' shoe dressed slick OD w/6" ID back to 4 7/8" ID w/cut rite. PU 7' - 5 3/4" OD w/5" ID extention. TIH w/tbg. Tag up @ 9968'. Try to break circ. Pumped 550 bls FW at 4 BPM. Saw no signs of well trying to break circ. Lower tbg & rotated tbg from 9968' to 9972'. Stopped making hole. RSB pkr is at 9973'. TOH. Shoe packed off w/bands. Recovered a 5 gallon bucket of bands. Hard to get a count but should be about 350 bands. SIW. SDFN. Will rerun tools in AM.	

**CIMAREX ENERGY CO****429825-006.01 CIMAREX UNIVERSITY 20-44 1H**

County, St: Ward, TX

Location:

Spud Date:	08/26/2007	W.I. Pct BCP:	50.00 %
Formation:		W.I. Pct ACP:	50.00 %
Prop Depth:	11750	Sec/TS/Rng:	44

07/26/2010	Daily Cost:	\$13,450
WO	Cumulative Costs:	\$13,450
AFE: 370384WE	Present Operation:	Run 1750 Baker Centrilift ESP
DFS: 1065		MIRU PU. RU kill trk. Kill cas w/50 bls BW. ND WH. NU BOP. RU Baker spooler. TOH w/tbg. Started missing cable bands after pulling 8 stds tbg. TOH counting missing bands = 403 bands. Rubber on desander torn in half the same as last pull. Found a small amount of formation sand & iron in 4 jts below desander. Pumps were hard to turn. One pump locked up. Found broken shaft on one pump. SIW. SDFN.

06/29/2010	Daily Cost:	\$0
PROD	Cumulative Costs:	\$45,550
AFE: 370242WE	Present Operation:	
DFS: 1038		108 BO, 398 BW, 338 MCF, TP-100, CP-130

06/28/2010	Daily Cost:	\$0
PROD	Cumulative Costs:	\$45,550
AFE: 370242WE	Present Operation:	
DFS: 1037		172 BO, 537 BW, 379 MCF, TP-110, CP-130, SLOW TO 58 HERTZ

06/27/2010	Daily Cost:	\$0
PROD	Cumulative Costs:	\$45,550
AFE: 370242WE	Present Operation:	
DFS: 1036		169 BO, 513 BW, 307 MCF, TP-150, CP-120

06/26/2010	Daily Cost:	\$0
PROD	Cumulative Costs:	\$45,550
AFE: 370242WE	Present Operation:	
DFS: 1035		189 BO, 587 BW, 275 MCF, TP-150, CP-120

06/25/2010	Daily Cost:	\$0
PROD	Cumulative Costs:	\$45,550
AFE: 370242WE	Present Operation:	
DFS: 1034		163 BO, 382 BW, 94 MCF, TP-160, CP-90, HERTZ-57, INTAKE 438#

06/24/2010	Daily Cost:	\$0
PROD	Cumulative Costs:	\$45,550
AFE: 370242WE	Present Operation:	
DFS: 1033		22 BO, 50 BW, 5 MCF, TP-30, CP-30, HERTZ-57, Dn/Motor speed

06/23/2010	Daily Cost:	\$0
PROD	Cumulative Costs:	\$45,550
AFE: 370242WE	Present Operation:	
DFS: 1032		19 BO, 30 BW, 9 MCF, TP-30, CP-30, HERTZ-57, Dn/Low speed trip

06/22/2010	Daily Cost:	\$0
PROD	Cumulative Costs:	\$45,550
AFE: 370242WE	Present Operation:	
DFS: 1031		97 BO, 127 BW, 102 MCF, TP-30, CP-30, HERTZ-57, Dn/Low speed trip

06/21/2010	Daily Cost:	\$0
PROD	Cumulative Costs:	\$45,550
AFE: 370242WE	Present Operation:	
DFS: 1030		0 BO, 0 BW, 57 MCF, TP-30, CP-30, HERTZ-57, Dn/elec/restarted

**CIMAREX ENERGY CO****429825-006.01 CIMAREX UNIVERSITY 20-44 1H**

County, St: Ward, TX

Location:

Spud Date: 08/26/2007 W.I. Pct BCP: 50.00 %

Formation: W.I. Pct ACP: 50.00 %

Prop Depth: 11750 Sec/TS/Rng: 44

06/20/2010		Daily Cost:	\$0
PROD		Cumulative Costs:	\$45,550
AFE:	370242WE	Present Operation:	
DFS:	1029	33 BO, 180 BW, 290 MCF, TP-30, CP-30, HERTZ-57, DN/ELECTRICITY	
06/19/2010		Daily Cost:	\$0
PROD		Cumulative Costs:	\$45,550
AFE:	370242WE	Present Operation:	
DFS:	1028	141 BO, 139 BW, 172 MCF, TP-100, CP-100, HERTZ-56, INTAKE-431	
06/18/2010		Daily Cost:	\$3,800
PROD		Cumulative Costs:	\$45,550
AFE:	370242WE	Present Operation:	
DFS:	1027	188 BO, 388 BW, TP-100, CP-100, HERTZ-57, INTAKE-567	
06/17/2010		Daily Cost:	\$13,050
WO		Cumulative Costs:	\$41,750
AFE:	370242WE	Present Operation:	Run 1750 Baker Centrillift ESP
DFS:	1026	Kill cas w/50 bls BW. RD kill trk. RU Baker Centrillift spooler. PU 4 jts 2 7/8" tbg w/BP & Cavins Desander. PU motor & pumps. Used 34 bands on pumps & motor. TIH w/tbg banding # 4 flat cable w/3 monel bands per jt. Ran 290 jts 2 7/8" L-80 tbg. ND BOP. QCI made up quick connector head. Land tbg & plumb to flowline. Start up pump @ 57 hertz. Initial intake psi -800#. Well pumped up in 25 min. Intake psi after+B25 pump up 1143#. Motor temp - 231 degrees. SDFN. Will begin daily well test on next page.	
06/16/2010		Daily Cost:	\$2,000
WO		Cumulative Costs:	\$28,700
AFE:	370242WE	Present Operation:	Run shoe to recover bands.
DFS:	1025	Stand by waiting on pump to be coated.	
06/15/2010		Daily Cost:	\$12,550
WO		Cumulative Costs:	\$26,700
AFE:	370242WE	Present Operation:	Run shoe to recover bands.
DFS:	1024	Made repairs to rig. TOH w/tbg. Recovered about 1/2 of a five gallon bucket of cable bands in shoe. Band were broken & torn. Hard to tell how many recovered. Made decision not to continue fishing for bands. TIH w/DC"s. TOH & lay dn all fishing tools. RD Knight fishing tools & swivel. SIW. SDFN.	
06/14/2010		Daily Cost:	\$5,900
WO		Cumulative Costs:	\$14,150
AFE:	370242WE	Present Operation:	Run shoe to recover bands.
DFS:	1023	Kill cas w/50 bls BW. PU Knight oil tools. TIH w/6" wavy bottom shoe=6'slick OD w/catch wires, 1 jt WP, BS, jars, & 4 - 3 3/8" DC's. TIH w/tbg to 9925'. PU power swivel. Lowered tbg rotating slowly. Torque up @ 9967'. Worked shoe dn to 9972'. This should be right at the RSB pkr. TOH w/77 stds tbg. Rig broke dn. SIW. SDFN.	
06/13/2010		Daily Cost:	\$0
WO		Cumulative Costs:	\$8,250
AFE:	370242WE	Present Operation:	
DFS:	1022	NO ACTIVITY	
06/12/2010		Daily Cost:	\$0
WO		Cumulative Costs:	\$8,250
AFE:	370242WE	Present Operation:	
DFS:	1021	NO ACTIVITY	
06/11/2010		Daily Cost:	\$2,100
WO		Cumulative Costs:	\$8,250
AFE:	370242WE	Present Operation:	Run Baker Centrillift pump
DFS:	1020	Rig on stand by. Tore dn sub pump @ Baker. Pumps showing to have moved solids. Moderate wear on pumps. Motor shaft broken. Will coat pump w/nickle. Will run shoe on washpipe Monday to try to recover bands.	

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County, St: Ward, TX

Location:

Spud Date: 08/26/2007 W.I. Pct BCP: 50.00 %

Formation: W.I. Pct ACP: 50.00 %

Prop Depth: 11750 Sec/TS/Rng: 44

06/10/2010			Daily Cost:	\$6,150
WO			Cumulative Costs:	\$6,150
AFE:	370242WE	Present Operation:	Run Baker Centrilift pump	
DFS:	1019	Sub pump went dn. MIRU PU. Kill cas w/50 bls BW. ND WH. NU BOP. RU Baker Centrilift Spooler. TOH w/tbg. Lay dn pump. Estimate we lost 360 monel cable bands in hole. Bands were missing off on most stands from top of string to bottom. Almost all bands were off at pump. The 4 jts of tail pipe below the Cavins desander had only about 2' of solids inside. The rubber seal on the desander was torn & about half of it was missing. All the pumps still turned free. Believe motor shaft is broken. SIW. SDFN.		
05/12/2010			Daily Cost:	\$900
WO			Cumulative Costs:	\$53,900
AFE:	Maint0510	Present Operation:	Run Baker Centrilift pump	
DFS:	990	Unit dn on motor stall. Work pump & got it running. Hertz still fluctuating from 48 to 55 hertz. Samples at WH are still clean. Took motor stall shut dn off. Pump will only shut dn on overload. Left well pumping.		
05/11/2010			Daily Cost:	\$0
WO			Cumulative Costs:	\$53,000
AFE:	Maint0510	Present Operation:	Run Baker Centrilift pump	
DFS:	989	This am well dn on motir stal. Changed out wire to drive. Start pump. Stuck. Work pump in reverse. Broke free. Start well pumping at 57 hertz. Initial intake pressure - 1072#. Well pumped up in 27 min. Intake - 1186#. Motor temp - 204 degrees. Herts fluctuating from 50 to 57. Fluid samples show iron solids. Watch pump for 3 hrs. Fluid samples are clean. Pump hertz are 50 to 53. Looking better than before. Left well running.		
05/10/2010			Daily Cost:	\$26,050
WO			Cumulative Costs:	\$53,000
AFE:	Maint0510	Present Operation:	Run Baker Centrilift pump	
DFS:	988	Well had restarted during night. Well pumping good. Decided to not change out wire to drive at this time. Drive tech watched well for 2 hrs. Well pumping good. RDMO. PU.		
05/09/2010			Daily Cost:	\$500
WO			Cumulative Costs:	\$26,950
AFE:	Maint0510	Present Operation:	Run Baker Centrilift pump	
DFS:	987	This AM. Well still pumping. Intake 850#. Heator sending wtr to oil tks. Found dump valve full of iron. Well went dn on motor stall at 12 noon. Called Baker. Well made 222 BO - 460 BW - 107 MCF. Baker came by late in evening & found pump dn on motor stall & locked up. Reverse pump & then got pump running. Watched for 1 hr. Well pumping good. Pumper went by at 9:30. Pump had gone back dn. Called Baker. Baker believes the #4 wire from disconnect to drive needs to be changed out to a #2 wire so they can run the pump faster. Will do this in AM.		
		Tubing Detail 294 jts 2 7/8" L-80 tbg 9435.43 9452.43 P 18 pump 15.40 9467.83 P 18 pump 19.04 9486.87 P 18 pump 23.52 9510.39 P 18 pump 23.52 9533.91 Gas seperator intake 2.70 9536.61 Seal 6.88 9543.49 Seal 6.35 9549.84 KMHG 133 HP motor 12.44 9562.28 Cavins desander 4.70 9566.98 4 jts 2 7/8" L -80 tbg 128.36 9695.34 Bull plug 0.60 9695.94		
05/08/2010			Daily Cost:	\$0
WO			Cumulative Costs:	\$26,450
AFE:	MAINT0510	Present Operation:	Run Baker Centrilift pump	
DFS:	986	Baker brought out 3 - 100 KVA 1240V transformers. Sun Electric said they wouldn't work on our system which is 14400V. Had Sun install 400 KVA disconnect. Left 3 - 50 KVA transformers up. Set shut dn on Baker drive to 240 KVA. This will allow us to run drive from 45 to 55 hertz. Start up pump. Well pumped up in 30 min. Left drive at 52 hertz = 4 to 500 BPD rate. Initial intake = 1256#. Initial temp = 148 degrees. After pump up Intake = 1376# Temp = 216 degrees. Shut dn set at 265 degrees. Well pumped up at 2 PM. No gas on heater. Left well bypassed to tanks. Pumper went by at 6 PM. Well still pumping good. Put well through heater. Will report daily production.		
05/07/2010			Daily Cost:	\$17,000
WO			Cumulative Costs:	\$26,450
AFE:	Maint0510	Present Operation:	Run Baker Centrilift pump	
DFS:	985	RU Baker Centrilifit spooler. Ran 4 jts tbg bull plugged & Cavins desander. Make up pump. RIH banding #4 flat cable 3 monel bands per jt. We needed to lay dn 4 jts tbg. Ran the 4 jts, POH & layed dn tbg. Cable hung up in WH. The top 50' of the cable was bent in several places. Checked cable. Still reading good. ND BOP. Quick Connectors Inc installed quick connector assembly. Land tbg. Connect well to drive. Electrician had disconnected Wood Group drive & hooked up Baker drive. Sun electric told us they thought we needed to install a 400 KVA disconnect & 3 100 KVA transformers to replace 200 KVA disconnect & 3 50 KVA transformers. Baker said this wouldn't be needed. Start up pump. Initial intake psi was 1266 & temp was 144 degrees. Ran pump for 20 min @ 47 hertz. Believe pump in wrong direction. Change rotation. Well pumped for 20 min. Baker had increased hertz to 52 hertz. Blew 200 amp fuse in disconnect. Will rent 3 100 KVA transformers from Baker & intall 400 KVA disconnect in AM. SDFN.		

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Location:

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Formation: W.I. Pct ACP: 50.00 %

Prop Depth: 11750 Sec/TS/Rng: 44

05/06/2010		Daily Cost:	\$3,100
WO		Cumulative Costs:	\$9,450
AFE:	Maint0510	Present Operation:	Pull sub pump
DFS:	984	No activity	
05/05/2010		Daily Cost:	\$5,550
WO		Cumulative Costs:	\$6,350
AFE:	Maint0510	Present Operation:	Pull sub pump
DFS:	983	MIRU PU. RU Wood Group Spooler. Kill well w/40 bls BW. ND WH. NU BOP. TOH w/tbg. Pulled 120 stds. Tbg came in flowing. RU & made 2 swab runs. Continue TOH. Break out jt of tbg on top of pump. Wet. Top of pump full of solids. Kel Tech looked at sample. Appears to be mostly formation sand & hydrocarbons. Well missing a lot of cable bands while coming out of hole, When pulled pump out we had a wad of bands come up through BOP. Laid dn pump. Counted bands = 756. We are missing about 159 bands still left in hole. SIW. SDFN.	
04/30/2010		Daily Cost:	\$800
WO		Cumulative Costs:	\$800
AFE:	Maint0510	Present Operation:	Pull sub pump
DFS:	978	Sub pump dn on overload. Wood Group rocked pump & started. Would never surface fluid. Intake 866#. Temp 159 degrees. Ran pump for 30 min. Intake to 1132#. Then dropped to 1059#. Ran pump for 2 hrs. Pump appears to be pumping OK but never surfaced fluid. SD well.	
03/22/2010		Daily Cost:	\$0
PROD		Cumulative Costs:	\$53,253
AFE:	370104WE	Present Operation:	
DFS:	939	3/22/10: Made 147 BO – 383 BW – 230 MCF. Intake = 1411#	
03/19/2010		Daily Cost:	\$0
PROD		Cumulative Costs:	\$53,253
AFE:	370104WE	Present Operation:	
DFS:	936	130 BO, 346 BW, 218 MCF, TP-100, CP-90, HERTZ-62, INTAKE PSI-1487#	
03/18/2010		Daily Cost:	\$0
PROD		Cumulative Costs:	\$53,253
AFE:	370104WE	Present Operation:	
DFS:	935	116 BO, 335 BW, 215 MCF, TP-100, CP-90, HERTZ-62, INTAKE PSI-1512#	
03/17/2010		Daily Cost:	\$0
PROD		Cumulative Costs:	\$53,253
AFE:	370104WE	Present Operation:	
DFS:	934	146 BO, 422 BW, 210 MCF, TP-100, CP-90, HERTZ-62, INTAKE PSI-1534#	
03/16/2010		Daily Cost:	\$0
PROD		Cumulative Costs:	\$53,253
AFE:	370104WE	Present Operation:	
DFS:	933	130 BO, 354 BW, 225 MCF, TP-100, CP-90, HERTZ-62, INTAKE PSI-1564	
03/15/2010		Daily Cost:	\$0
PROD		Cumulative Costs:	\$53,253
AFE:	370104WE	Present Operation:	
DFS:	932	138 BO, 410 BW, 224 MCF, TP-110, CP-110, HERTZ-62, INTAKE PSI-1575#	
03/14/2010		Daily Cost:	\$0
PROD		Cumulative Costs:	\$53,253
AFE:	370104WE	Present Operation:	
DFS:	931	130 BO, 371 BW, 212 MCF, TP-90, CP-110, HERTZ-62, INTAKE PSI-1617#	

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County, St: Ward, TX

Location:

Spud Date:

08/26/2007

W.I. Pct BCP:

50.00 %

Formation:

W.I. Pct ACP:

50.00 %

Prop Depth:

11750

Sec/TS/Rng:

44

03/13/2010

PROD

Daily Cost:

\$0

Cumulative Costs:

\$53,253

AFE: 370104WE Present Operation:

DFS: 930 133 BO, 426 BW, 206 MCF, TP-90, CP-90, HERTZ-62, INTAKE PSI-1665#

03/12/2010

PROD

Daily Cost:

\$0

Cumulative Costs:

\$53,253

AFE: 370104WE Present Operation:

DFS: 929 146 BO, 423 BW, 186 MCF, TP-90, CP-90, HERTZ-62, 1694#

03/11/2010

PROD

Daily Cost:

\$0

Cumulative Costs:

\$53,253

AFE: 370104WE Present Operation:

DFS: 928 155 BO, 384 BW, 170 MCF, TP-110, CP-100, HERTZ-59, 1760#

03/10/2010

PROD

Daily Cost:

\$0

Cumulative Costs:

\$53,253

AFE: 370104WE Present Operation:

DFS: 927 188 BO, 389 BW, 215 MCF, TP-110, CP-100, HERTZ-59, INTAKE PSI-1792#

03/09/2010

PROD

Daily Cost:

\$0

Cumulative Costs:

\$53,253

AFE: 370104WE Present Operation:

DFS: 926 127 BO, 400 BW, 168 MCF, TP-100, CP-100, HERTZ-59, INTAKE PSI-1860#

03/08/2010

PROD

Daily Cost:

\$2,000

Cumulative Costs:

\$53,253

AFE: 370104WE Present Operation:

DFS: 925 130 BO, 385 BW, 163 MCF, TP-100#, CP-70#, HERTZ-59, INTAKE PSI-1918#

03/07/2010

PROD

Daily Cost:

\$0

Cumulative Costs:

\$51,253

AFE: 370104WE Present Operation:

DFS: 924 161 BO, 366 BW, 127 MCF, TP-120#, CP-90#, HERTZ-59, INTAKE PSI-2143#

03/06/2010

PROD

Daily Cost:

\$0

Cumulative Costs:

\$51,253

AFE: 370104WE Present Operation:

DFS: 923 172 BO, 133 BW, 0 MCF, TP-80#, CP-50#, HERTZ-59, INTAKE PSI-2265#

03/05/2010

WO

Daily Cost:

\$4,403

Cumulative Costs:

\$51,253

AFE: 370104WE Present Operation: BEGIN RUNNING ESP

DFS: 922 Open well. Kill cas w/50 bls BW. ND BOP. Land tbg leaving 300 jts 2 7/8" L-80 tbg in well. NU WH. Make splice on cable. Set 3 50 KVA transformers. BHP = 2265#. Start pump @ 60 hertz. Well pumped up in 45 min. Lower to 55 hertz. Couldn't get pump to load. Increase to 59 hertz. Watch well for 2 hrs. Well pumping good. Didn't have enough gas to operate separator. Pumped well straight to battery. Left unit rigged up. SDFWE. Begin daily production report on next page.

03/04/2010

WO

Daily Cost:

\$46,850

Cumulative Costs:

\$46,850

AFE: 370104WE Present Operation: Begin running ESP

DFS: 921 Open well. Gassing. Kill casing w/50 bls BW. Made one swab run. TOH w/rest of tbg &amp; BHA. The 3 1/2" BPMA had about 8' of frac sand in it. Pump was stuck in bottom jt w/frac sand. RU Wood Group. Build ESP. TIH w/300 jts 2 7/8" L-80 tbg banding #4 flat cable 3 monel bands per jt. SIW. SDFN.

**CIMAREX ENERGY CO****429825-006.01 CIMAREX UNIVERSITY 20-44 1H**

County, St: Ward, TX

Location:

Spud Date: 08/26/2007 W.I. Pct BCP: 50.00 %

Formation: W.I. Pct ACP: 50.00 %

Prop Depth: 11750 Sec/TS/Rng: 44

03/03/2010	Daily Cost:	\$7,150
WO	Cumulative Costs:	\$7,150
AFE: 3370104WE	Present Operation:	Lay dn rods. Put well on sub pump.
DFS: 920		MIRU PU. Well flowing out tbg. Bled dn. Work to unseat pump. Parted shear tool. TOH & lay dn 123 FG, 191 7/8", 12 1 1/2" K-bars, Kill cas w/60 bls BW. NU BOP. Rise TAC. TOHw/tgb swabbing fluid as needed. Pulled & talley 270 jts 2 7/8" L-80 tbg. SIW. SDFN.
01/28/2010	Daily Cost:	\$0
PROD	Cumulative Costs:	\$899,816
AFE: 379545CW	Present Operation:	FINAL REPORT
DFS: 886		1/28/10: Made 130 BO - 228 BW - 141 MCF. TBWTR - 2815 1/29/10: Made 97 BO - 284 BW - 149 MCF. TBWTR - 2531  1/30/10: Made 127 BO - 297 BW - 127 MCF. TBWTR - 2234 FINAL REPORT
01/27/2010	Daily Cost:	\$0
PROD	Cumulative Costs:	\$899,816
AFE: 379545CW	Present Operation:	
DFS: 885		1/27/10: Made 102 BO - 310 BW - 123 MCF. TBWTR - 3043 1/28/10: Made 130 BO - 228 BW - 141 MCF. TBWTR - 2815
01/26/2010	Daily Cost:	\$0
PROD	Cumulative Costs:	\$899,816
AFE: 379545CW	Present Operation:	
DFS: 884		1/26/10: Made 133 BO - 284 BW - 151 MCF. TBWTR - 3353 1/27/10: Made 102 BO - 310 BW - 123 MCF. TBWTR - 3043
01/25/2010	Daily Cost:	\$0
PROD	Cumulative Costs:	\$899,816
AFE: 379545CW	Present Operation:	
DFS: 883		1/25/10: Made 136 BO - 305 BW - 85 MCF. TBWTR - 3637 1/26/10: Made 133 BO - 284 BW - 151 MCF. TBWTR - 3353
01/22/2010	Daily Cost:	\$0
PROD	Cumulative Costs:	\$899,816
AFE: 379545CW	Present Operation:	
DFS: 880		1/22/10: Made 129 BO - 280 BW - 151 MCF. TBWTR - 4596 1/23/10: Made 127 BO - 335 BW - 143 MCF. TBWTR - 4261 1/24/10: Made 111 BO - 319 BW - 64 MCF. TBWTR - 3942
01/21/2010	Daily Cost:	\$0
PROD	Cumulative Costs:	\$899,816
AFE: 379545CW	Present Operation:	
DFS: 879		1/21/10: Made 116 BO - 250 BW - 102 MCF. TBWTR- 4876 1/22/10: Made 129 BO - 280 BW - 151 MCF. TBWTR - 4596
01/20/2010	Daily Cost:	\$0
PROD	Cumulative Costs:	\$899,816
AFE: 379545CW	Present Operation:	
DFS: 878		1/20/10: Made 155 BO - 333 BW - 157 MCF. TBWTR - 5126 1/21/10: Made 116 BO - 250 BW - 102 MCF. TBWTR- 4876
01/19/2010	Daily Cost:	\$0
PROD	Cumulative Costs:	\$899,816
AFE: 379545CW	Present Operation:	
DFS: 877		1/19/10: Made 108 BO - 287 BW - 94 MCF. TBWTR - 5459 1/20/10: Made 155 BO - 333 BW - 157 MCF. TBWTR - 5126
01/18/2010	Daily Cost:	\$0
PROD	Cumulative Costs:	\$899,816
AFE: 379545CW	Present Operation:	
DFS: 876		1/18/10: Made 119 BO - 325 BW - 128 MCF. TBWTR - 5746 1/19/10: Made 108 BO - 287 BW - 94 MCF. TBWTR - 5459

**CIMAREX ENERGY CO****429825-006.01 CIMAREX UNIVERSITY 20-44 1H**

County, St: Ward, TX

Location:

Spud Date: 08/26/2007 W.I. Pct BCP: 50.00 %

Formation: W.I. Pct ACP: 50.00 %

Prop Depth: 11750 Sec/TS/Rng: 44

01/17/2010 Daily Cost: \$0

WO Cumulative Costs: \$899,816

AFE: 379545CW Present Operation:

DFS: 875 1/17/10: Made 127 BO - 370 BW - 108 MCF. TBWTR - 6071

01/16/2010 Daily Cost: \$0

WO Cumulative Costs: \$899,816

AFE: 379545CW Present Operation:

DFS: 874 1/16/10: Made 100 BO - 387 BW - 128 MCF. TBWTR - 6441

01/15/2010 Daily Cost: \$0

WO Cumulative Costs: \$899,816

AFE: 379545CW Present Operation:

DFS: 873 1/15/10: Made 169 BO - 347 BW - 170 MCF. TBWTR - 6788

01/14/2010 Daily Cost: \$0

WO Cumulative Costs: \$899,816

AFE: 379545CW Present Operation:

DFS: 872 1/14/09: Made 36 BO - 272 BW - 83 MCF in 20 hrs. Early gauge. TBWTR - 7135

01/13/2010 Daily Cost: \$22,050

WO Cumulative Costs: \$899,816

AFE: 379545CW Present Operation: PREP FOR REFRAC

DFS: 871 Well pumping. RDMO. POP. Left well pumping in 144" stroke @ 7 1/2 SPM 1 1/2" pump = 240 BPD @ .85% efficiency. Cleaned &amp; release frac tks. Transferred 274 BO to tk battery. Will start daily production report.

1/13/10: Made 8 BO - 302 BW - 0 MCF in 14 hrs. TBWTR-7470 1/14/09: Made 36 BO - 272 BW - 83 MCF in 20 hrs. Early gauge. TBWTR - 7135

1/15/10: Made 169 BO - 347 BW - 170 MCF. TBWTR - 6788

01/12/2010 Daily Cost: \$16,856

WO Cumulative Costs: \$877,766

AFE: 379545CW Present Operation: PREP FOR REFRAC

DFS: 870 Receive 132 7/8" rods w/molded rod guides &amp; 5 new 1 1/2" K-bars. PU 1 1/2" pump, stab bar, 1 new K-bar, shear tool, 4-new K-bars, 8 used bars. PU new 132 7/8" rods w/4 guides per rd, 60 rods w/ 2 guides per rod, &amp; 122 1.2 FG rods. Seat &amp; space pump 40" off bottom. Load tbg w/11 bls wtr &amp; pressure to 500#. Held. TCO plumbed WH to flowline. POP. SDFN. TBWTR-7772

Tbg Detail	Length	Depth		
KB	15.00	15.00		
305 jts 2 7/8" L-80 tbg	9788.78	9803.78		
2 7/8" x 7" TAC w/carbide slips 50K			2.86	9806.64
1 jt 2 7/8" N-80 TK-99 tbg	32.43	9839.07		
2 7/8" SN	1.10	9840.17		
3 1/2" slotted BPMA w/welded 2 7/8" collars			31.88	9872.05

Rod Detail	Count	Length
2 1/2 x 30' x 3' RHBC		30
rod guide		3
1 1/2" new K-bar	1	25
26 K shear tool		
1 1/2" K-bars bottom 3	12	600
7/8" T-66 w/4 guides per 132	3300	
7/8" N -97 w/2 guides per 60	1500	
1.25 FG rods	122	4575
2', 6', FG ponys	2	8
1 1/2" x 26' PR	1	26

Total 10067



**CIMAREX ENERGY CO****429825-006.01 CIMAREX UNIVERSITY 20-44 1H**

County, St: Ward, TX

Location:

Spud Date: 08/26/2007 W.I. Pct BCP: 50.00 %

Formation: W.I. Pct ACP: 50.00 %

Prop Depth: 11750 Sec/TS/Rng: 44

01/11/2010		Daily Cost:	\$8,950
WO		Cumulative Costs:	\$860,910
AFE:	379545CW	Present Operation:	PREP FOR REFRAC
DFS:	869	This AM. Tbg-40#. Well is dead. Made 11 BO - 119 BW - 97 MCF. TBWTR - 7627. Set rig matt & bring. ND flowback manifold. Arrange rods for PU. MIRU Standard Energy PU. RU kill trk. Fill tbg w/26 bls BW. Rlse seal assembly out of top RSB pkr @ 9973'. TOH w/309 jts 2 7/8" L-80 tbg & tbg subs. PU BHA. TIH w/3 1/2" slotted BPMA w/welded 2 7/8" collars, SN, 1 jt 2 7/8" N-80 IPC tbg, TAC w/carbide slips, & 305 jts 2 7/8" L-80 tbg. ND BOP. Set TAC w/18 pts tention. NU WH. SIW. SDFN.	
01/10/2010		Daily Cost:	\$1,200
WO		Cumulative Costs:	\$851,960
AFE:	379545CW	Present Operation:	PREP FOR REFRAC
DFS:	868	This AM. Tbg-100#. Made 128 BO - 404 BW - 130 MCF to battery in 19 hrs. Gas rt is 311 MCFPD. TBWTR-7746	
01/09/2010		Daily Cost:	\$4,300
WO		Cumulative Costs:	\$850,760
AFE:	379545CW	Present Operation:	PREP FOR REFRAC
DFS:	867	This AM. Tbg-100# on 36/64 ck. Samples show 20% oil cut. Made 134 BO - 536 BW. Put well to tk battery. Wtr leg is frozen. Put well back to test tk. Cleared wtr leg. Put well to tk battery. TBWTR-8150.	
01/08/2010		Daily Cost:	\$8,350
WO		Cumulative Costs:	\$846,460
AFE:	379545CW	Present Operation:	PREP FOR REFRAC
DFS:	866	This AM. Tbg-150# on 36/64 CK. Well flowing hourly rt of 29 BPH w/20% oil cut. Recovered a total of 562 bls since opening well. Estimate 62 BO - 500 BW. TBWTR-8686. It is snowing on location w/1/2" on ground w/temp = 16 degrees. Will keep well flowing w/limited trucking and other activity.	
01/06/2010		Daily Cost:	\$72,100
WO		Cumulative Costs:	\$838,110
AFE:	379545CW	Present Operation:	PREP FOR REFRAC
DFS:	864	PU seal assembly. TIH w/tbg. Latch into RSB pkr w/309 jts 2 7/8" L-80 tbg w/2-10" & 1-8' 2 7/8" N-80 tbg subs. Load cas & pressure to 500#. Held. Install BTI master valve on tbg. RDMO PU. RD BTI rev unit. Clean location. RU BJ coil tbg unit w/1 1/4" coil & wash nozzel. RU BTI flow back manifold. Start in hole w/coil at 60 fpm pumping .3 BPM w/300 SCF N2. Broke circ to flowback pit at 1300'. Increase N2 to 500 SCF. Ran coil to 13215' w/very few problems. Returns show good oil cut & good gas. Very little sand in returns. Pulled back up above top pkr to 9853'. Got back a little more sd but nothing heavy. RIH to 12600'. Stacked out coil on sand bridge. Work coil & fell through. Increse N2 to 640 SCF. Coil is pulling 2 to 3000# over weight. Continued in hole to 14000'. Lost prime on N2 trk. Regain prime. Pipe trying to stick. Pull up above top pkr to 9825'. Heavy sd in returns. Let well clean up. RIH to 13780'. Stacked out. Pull up. Coil taking weight. Pull up. RIH. Tag up 13760'. Work coil back dn to 14000'. Made decision to not try to get any deeper due to drag on coil in this area. Pump pill dn tbg & circ well clean while POH. Continued to get light sand back in samples while pulling coil. When coil got up into 2 7/8" tbg we cut wtr off & went to staight N2. POH. RD BJ coil tbg. We recovered 850 bls wtr during job. We pumped 550 bls during job. TBWTR from this job & frac is 9256. Open well to test tk. Tbg-650. Open on 20/64 CK. 1st 2 hrs recovered 22 BW each hr tbg psi rose to 300# Samples show trace of oil. Open ck to 28. Next hr had tbg-250# rec-35 bls w/2% oil cut. Open to 36/64 CK. Next hr tbg was still 250#. Rec - 39 bls w/5 to 10% oil cut. At 8 pm Tbg-225# on 36/64 CK Rec 36 bls in last hr w/samples showing 15% oil. Will continue flowback report in AM. TBWTR-9032 NOTE: Used 144,000 SCF N2. Hauled off 5 loads wtr during job.	
01/05/2010		Daily Cost:	\$13,800
WO		Cumulative Costs:	\$766,010
AFE:	379545CW	Present Operation:	PREP FOR REFRAC
DFS:	863	RU Express Casing Crew. PU 7" x 4" landed seal assembly wo/latch. TIH w/30 jts = 1302' of 4 1/2" 11.6# JE LT&C cas. PU 2" x 4 1/2" pup jt & 7" RSB pkr w/hydraulic setting tool. RD casing crew. TIH w/310 jts 2 7/8" L-80 tbg. Had no trouble landing seal assembly into RSB pkr at 11285'. Spaced out tbg leaving 309 jts 2 7/8" tbg w/an 8' & 10' N-80 tbg subs. RU pump trk. Load cas & pressure up to 500#. Held. Drop 2" steel ball dn tbg to hydraulic setting tool of top RSB pkr. RU & pressured up on tbg to 3500# setting top RSB pkr @ 9973'. Release off of pkr. TOH w/tbg recovering setting tool & ball. SIW. SDFN. NOTE: Filled frac tks w/FW for coil tbg job.	
01/04/2010		Daily Cost:	\$20,655
WO		Cumulative Costs:	\$752,210
AFE:	379545CW	Present Operation:	PREP FOR REFRAC
DFS:	862	Open well. No pressure. TIH & tag up on RSB @ 11296'. PU. Rotate 1/2 turn. Lower tbg & go into RSB w/muleshoe easily to 11315'. Break circ w/35 bls wtr. Circ well clean. TOH & lay dn 43 jts tbg. Stand back 156 stds, The 2 3/8" muleshoe is severely damaged. Muleshoe is missing two pieces off of it. Pieces missing measure 1/2" x 1/2" & 1/2" x 1". Believe these two pieces went dn hole. TIH w/DC's. TOH & lay dn DC's. SIW. SDFN NOTE: Received 1302' = 30 jts 4 1/2" 11.6# JE LT&C cas from Cimarex. Set catwalk. Talley cas.	

**CIMAREX ENERGY CO****429825-006.01 CIMAREX UNIVERSITY 20-44 1H**

County, St: Ward, TX

Location:

Spud Date: 08/26/2007 W.I. Pct BCP: 50.00 %

Formation: W.I. Pct ACP: 50.00 %

Prop Depth: 11750 Sec/TS/Rng: 44

01/02/2010

WO

AFE: 379545CW Present Operation: PREP FOR REFRAC

DFS: 860 Open well. No pressure. TIH w/tbg. Lower & tagged up on RSB @ 11296'. PU. Break circulation after pumping 45 BW. Lower tbg. Rotate tbg slowly. Fell into RSB. Lower muleshoe to 11315' w/no problems. Stop rotation. Circ well clean. Recovered some black wtr but no solids in returns. TOH pulling EOT to 10664'. SIW. SDFWE.

Daily Cost: \$5,500

Cumulative Costs: \$731,555

01/01/2010

WO

AFE: 379545CW Present Operation: PREP FOR REFRAC

DFS: 859 Open well. No pressure. TIH w/tbg. Ran slow through problem areas 10737 to 11117' w/no problems. Lower shoe to 11236'. PU swivel. Break circ. Lower tbg & tag fill @ 11256'. Rotated tbg slowly. Drilling was a little slow at 1st then basically washed dn to RSB pkr. Tagged pk at 11296'. PU tbg. Lost circ on well. Pull up one jt. Got partial returns after about 5 min. Continued circling well. Returns slowly got better. Pumping 4 BPM & getting back about 2 - 2 1/2. BPM. Circ out heavy sand. Had sveral pieces of rubber, frac sd, formation rock (cement=?) and flacks of red paint. Circ well clean w/returns getting a little better. Lower back dn & set on RSB pkr. PU & circ well clean. Lost total of 180 bls circling well. RD swivel. TOH w/tbg standing back DC's. Laid dn shoe. Found nothing in shoe. PU muleshoed jt of 2 3/8" tbg. Swedged back to 2 7/8" tbg. TIH w/48 stds tbg. SIW. SDFN.

Daily Cost: \$10,250

Cumulative Costs: \$726,055

12/31/2009

WO

AFE: 379545CW Present Operation: PREP FOR REFRAC

DFS: 858 Open well. No pressure. TOH w/tbg & lay dn 4 3/4" bit. PU 5 3/4" cutrite shoe w/smooth ID & OD. w/catch wires inside w/extention. Start in hole w/6-4 1/8" DC's & tbg. Ran 27 stds tbg before heavy winds shut us dn. SIW. SDFN.

Daily Cost: \$6,250

Cumulative Costs: \$715,805

12/30/2009

WO

AFE: 379545CW Present Operation: PREP FOR REFRAC

DFS: 857 PU new 4 3/4" bit. TIH w/6 4 1/8" DC's & tbg. RU swivel. Break circ. Lower bit & tagged @ 11117'. Same as previous day. Started drilling dn w/no problems basically washing down. 1st returns we got back we are calling non magnetic iron. Didn't show any metal shavings. Material is magnetic. Recovered two pieces of steel that look like cas threads. We have seen these though out drilling. These are the largest I've seen. Then returns tuned to heavy frac sand w/same material strung throughout. Drilled & washed to 11228'. Bit stalled & stopped drilling. Work torque & washed through. Lowered bit to 11256' w/no problems. Circ well clean. Returns showing frac sand w/same material as before but had other material that looks like cement or formation rock. RD swivel. TOH. Pulled bit to 10672'. High winds hit. Derrick man was having trouble handling tbg. Wind blowing stands to the side. Shut dn rig. SIW. SDFN. NOTE: Material described above is 50% magnetic. Other half isn't. Lost 20 bls wtr while drilling.

Daily Cost: \$8,350

Cumulative Costs: \$709,555

12/29/2009

WO

AFE: 379545CW Present Operation: PREP FOR REFRAC

DFS: 856 Open well. No pressure. TIH to 11064'. PU swivel. Break circ. Lower bit & began drilling @ 11080'. Made 2' in 2 hrs drilling. Tried different wieghts on bit from 4 pts to 18 pts. Made no difference. 8 pts on bit worked best. We got back about 2 cups of a sticky material like pariffin. Not sure what it was but it wasn't pariffin & we stopped getting it back. Still getting small amounts of metal shavings in returns. After 1st two ft we washed & drilled easily dn to 11097' & made connection. Continued easy drilling to 11114'. Start hard drilling again. Drilled to 11117' in 3 hrs. Returns show heavy increase in metal shavings. RD swivel. TOH & lay dn 6" bit. Bit appears in good condition. There are small wear patterns on bit. Will clean bit & compare to new bit. Will run 4 3/4" bit on 4 1/8" DC's in AM. NOTE: Well acts like we could be pushing something dn hole. We lost 30 bls while drilling yesterday. Today we lost 45 bls while drilling.

Daily Cost: \$9,350

Cumulative Costs: \$701,205

12/28/2009

WO

AFE: 379545CW Present Operation: PREP FOR REFRAC

DFS: 855 Lay dn jar, BS, & accelerator. PU 6" bit. TIH w/bit, 6 DC's, & tbg. TIH to 10819'. Didn't feel any tight spots. RU swivel. Drill & wash heavy frac sand to 11074'. Hit hard spot. Drilled 6' to 11080'. Returns from this area showed the same heavy non metallic iron w/small pieces of cement. Samples show some bright metal shavings. Bit never torqued up or jumped. Drilled last 6' w/10 pts on bit. Pull bit to 10705'

Daily Cost: \$9,550

Cumulative Costs: \$691,855

12/23/2009

WO

AFE: 379545CW Present Operation: PREP FOR REFRAC

DFS: 850 RU WSI. RIH w/3 5/8" gauge ring to 10832' w/no problems. PU cas inspection tool. RIH. Tool wouldn't work. POH. Ran 2nd inspection tool. RIH. Pull cas inspection log from 10830' to 8800'. Pipe appears in good condition. Ran GR/CBL log from 10830' to 5700'. RD WSI. SIW. SDFWE. NOTE: CBL shows TOC @ 6225'. Log shows large areas of unbonded pipe. Logs correlated to Halliburton Spectral Density log dated 9-20-07.

Daily Cost: \$13,850

Cumulative Costs: \$682,305

**CIMAREX ENERGY CO****429825-006.01 CIMAREX UNIVERSITY 20-44 1H**

County, St: Ward, TX

Location:

Spud Date: 08/26/2007 W.I. Pct BCP: 50.00 %

Formation: W.I. Pct ACP: 50.00 %

Prop Depth: 11750 Sec/TS/Rng: 44

12/22/2009		Daily Cost:	\$12,250
WO		Cumulative Costs:	\$668,455
AFE:	379545CW	Present Operation:	PREP FOR REFRAC
DFS:	849	Well dead. TOH & lay dn notched collar, jt of 2 7/8" tbg & 5 1/4" cas swedge. PU 6" cas swedge. TIH w/BS, jars, 4 4 1/8" DC's, excellarator sub, 2 4 1/8" DC's & tbg. TIH w/327 jts tbg. Ran swedge through tight spot @ 10737'. Didn't fell anything. Work through area w/no problems. PU one jt tbg & lowered EOT to 10819'. Circ well clean. Recovered about 2 cups of shale in returns w/no frac sand. RD swivel. TOH w/tbg. SIW. SDFN.	
12/21/2009		Daily Cost:	\$11,100
WO		Cumulative Costs:	\$656,205
AFE:	379545CW	Present Operation:	
DFS:	848	Open well. No pressure. PU notched collar, 1 jt 2 7/8" tbg, x-over, 5 1/4" cas swedge, x-over, BS, jars, 4-4 1/8" DC's, excellerator sub = 4 1/4", 2-4 1/8" DC's. TIH & retalley tbg. Tag bad spot in cas @ 10737'. Previous talley was correct. RU swivel. Breack circ. Work swedge setting 10 pts dn & working tight spot. On third time fell through. Work on tight spot until we had no drag through area. Made connection lowering EOT to 10821' & swedge to 10789'. Circ well clean. Had a small amount of metal shavings & sand in returns @ bad spot. Returns from 10821' was all frac sd. RD swivel. TOH w/120 stds tbg. SIW. SDFN. NOTE: Have 355 jts on location. We circulated w/330 jts in to 10821'. Swedge will tag tight spot w/18' in on the 327th jt.	
12/19/2009		Daily Cost:	\$10,450
WO		Cumulative Costs:	\$645,105
AFE:	379545CW	Present Operation:	PREP FOR REFRAC
DFS:	846	CONTINUE TIH W/ 2 7/8 TBG. TAG @ 10, 778'. POOH W/ 2 7/8 TBG, 4 - 4 1/8 DC, JARS, BUMPER SUB, & 4 3/4 SWEDGE. TIH W/ 6" IMPESSION BLOCK, 2 JTS 2-7/8" TBG.ON SAND LINE. TAGGED UP @ 10,778'. TOH WITH IMPRESSION BLOCK. PICTURES ON FILE.	
12/18/2009		Daily Cost:	\$9,550
WO		Cumulative Costs:	\$634,655
AFE:	379545CW	Present Operation:	PREP FOR REFRAC
DFS:	845	CONTINUE TIH HOLE W/2 - 7/8" TBG. TAGGING UP AT 10,738'. SET 6 POINT ON BIT WORKING THROUGH BAD CASING. WASHED DOWN 1-1/2 JT. (40') TO 10,778' RECOVERING CEMENT,FORMATION AND FRAC SAND. CIRCULATED HOLE CLEAN GOING THROUGH BAD CASING SEVERAL TIMES FREE. POOH W/335 JTS 2-7/8" TBG,BIT SUB AND 4-1/8" BIT. STARTED TIH WITH 4-3/4" SWEDGE, DRILL COLLARS,JARS,BUMPER SUB AND 62 JTS TBG. SDFN.	
12/17/2009		Daily Cost:	\$12,325
WO		Cumulative Costs:	\$625,105
AFE:	379545CW	Present Operation:	PREP FOR REFRAC
DFS:	844	TIH W/ 2 7/8 TBG. TAG SND @ 10737'. DO SND TO 10,770' UNABLE TO GET DEEPER. STARTED TO GET METAL IN RETURNS. POOH W/ 2 7/8 TBG, 6 - 4 1/8 DC & 6" RB. TIH W/ 4 1/8 RB, BIT SUB & 235 JTS 2 3/8 TBG SIW SDFN	
12/16/2009		Daily Cost:	\$12,600
WO		Cumulative Costs:	\$612,780
AFE:	379545CW	Present Operation:	PREP FOR REFRAC
DFS:	843	TIH W/ RSB SEAL ASSEMBLY & 2 7/8 TBG. TA SAND @ 10, 737' RU SWIVAL ESTABLISH CIRC ATTEMPT TO CIRC SND. CIRC 45 MIN TURNED & STACKED 12 PTS. WOULD NOT GO DOWN. POOH W/ 2 7/8 TBG & RSB SEAL ASSEMBLY. PU TIH W/ 6"RB, 6- 4 1/8 DC & 2 7/8 TBG TO10,500' SIW SDFN.	
12/15/2009		Daily Cost:	\$11,600
WO		Cumulative Costs:	\$600,180
AFE:	379545CW	Present Operation:	PREP FOR REFRAC
DFS:	842	TIH W/ RSB SEAL ASSEMBLY & 2 7/8 TBG. TA SAND @ 10, 704' RU SWIVAL ESTABLISH CIRC CIRC OUT SAND DOWN TO 10,737' CIRC CLEAN. POOH W/ 12 JTS 2 7/8 TBG. SIW SDFN	
12/14/2009		Daily Cost:	\$6,175
WO		Cumulative Costs:	\$588,580
AFE:	379545CW	Present Operation:	PREP FOR REFRAC

**CIMAREX ENERGY CO****429825-006.01 CIMAREX UNIVERSITY 20-44 1H**

County, St: Ward, TX

Location:

Spud Date: 08/26/2007 W.I. Pct BCP: 50.00 %

Formation: W.I. Pct ACP: 50.00 %

Prop Depth: 11750 Sec/TS/Rng: 44

DFS: 841 ND WH ATTEMPT TO SET TAC. UNABLE TO SET. NUBOP POOH W/ 98 JTS 2 7/8 TBG HIT FLUID. LOAD TBG W/ 2 BBLS WTR. PRESSURED TO 500#. SWAB TBG DOWN. POOH W/ 90 JTS 2 7/8 TBG. SWAB TBG DOWN. POOH W/ 82 JTS (270 TOTAL) 2 7/8 TBG. STARTED TO GET SAND. BOTTOM 18 JTS PACKED W/ SAND. SIW SDFN

Tbg Detail	Length	Depth
KB	15.00	15.00
324 JTS 2-7/8" L-80 TBG		10395.26 10410.26
2-7/8"X 7" TAC	2.35	10412.61
1 JT 2-7/8" L-80 TBG	31.68	10444.29
2-7/8" SN	1.10	10445.39
2-7/8" TBG SUB	10.00	10455.39
ECHO METER GAS SEPARATOR	5.20	10460.59
1 JT 2-7/8" MUD ANCHOR W/BP	32.25	10492.84

12/12/2009 Daily Cost: \$4,492

WO Cumulative Costs: \$582,405

AFE: 379545CW Present Operation: PREP FOR REFRAC

DFS: 839 SWAB 9 HRS MADE 21 RUNS REC 88 BLW 9556 BLWTR. SFL @ 5400' EFL @ 5800'. WATER CLEANER BUT STILL HAS IRON. LEFT WELL OPEN TO TEST TANK.

Tbg Detail	Length	Depth
KB	15.00	15.00
345 JTS 2-7/8" L-80 TBG		10395.26 10410.26
2-7/8"X 7" TAC	2.35	10412.61
1 JT 2-7/8" L-80 TBG	31.68	10444.29
2-7/8" SN	1.10	10445.39
2-7/8" TBG SUB	10.00	10455.39
ECHO METER GAS SEPARATOR	5.20	10460.59
1 JT 2-7/8" MUD ANCHOR W/BP	32.25	10492.84

12/11/2009 Daily Cost: \$5,342

WO Cumulative Costs: \$577,913

AFE: 379545CW Present Operation: PREP FOR REFRAC

DFS: 838 SWAB 10 HRS MADE 19 RUNS REC 110 BLW 9644 BLWTR. SFL @ 3600' EFL @ 5700'. LEFT WELL OPEN TO TEST TANK.

Tbg Detail	Length	Depth
KB	15.00	15.00
345 JTS 2-7/8" L-80 TBG		10395.26 10410.26
2-7/8"X 7" TAC	2.35	10412.61
1 JT 2-7/8" L-80 TBG	31.68	10444.29
2-7/8" SN	1.10	10445.39
2-7/8" TBG SUB	10.00	10455.39
ECHO METER GAS SEPARATOR	5.20	10460.59
1 JT 2-7/8" MUD ANCHOR W/BP	32.25	10492.84

12/10/2009 Daily Cost: \$11,496

WO Cumulative Costs: \$572,571

AFE: 379545CW Present Operation: PREP FOR REFRAC

DFS: 837 LAY LINE TO TEST TANK. SWAB 9 HRS MADE 26 RUNS REC 165 BLW 9754 BLWTR. SFL @ SURFACE EFL @ 4000'. LEFT WELL OPEN TO TEST TANK.

Tbg Detail	Length	Depth
KB	15.00	15.00
345 JTS 2-7/8" L-80 TBG		10395.26 10410.26
2-7/8"X 7" TAC	2.35	10412.61
1 JT 2-7/8" L-80 TBG	31.68	10444.29
2-7/8" SN	1.10	10445.39
2-7/8" TBG SUB	10.00	10455.39
ECHO METER GAS SEPARATOR	5.20	10460.59
1 JT 2-7/8" MUD ANCHOR W/BP	32.25	10492.84

12/09/2009 Daily Cost: \$5,942

WO Cumulative Costs: \$561,075

AFE: 379545CW Present Operation: PREP FOR REFRAC

**CIMAREX ENERGY CO****429825-006.01 CIMAREX UNIVERSITY 20-44 1H**

County, St: Ward, TX

Location:

Spud Date: 08/26/2007 W.I. Pct BCP: 50.00 %

Formation: W.I. Pct ACP: 50.00 %

Prop Depth: 11750 Sec/TS/Rng: 44

DFS: 836 CIRC 100 BBLS WTR DOWN CSG. TIH W/ 256 JTS 2 7/8 TBG. ATTEMPT TO SET TAC. WOULD NOT SET. NDBOP NUWH. SIW SDFN

Tbg Detail	Length	Depth
KB	15.00	15.00
345 JTS 2-7/8" L-80 TBG		10395.26 10410.26
2-7/8"X 7" TAC	2.35	10412.61
1 JT 2-7/8" L-80 TBG	31.68	10444.29
2-7/8" SN	1.10	10445.39
2-7/8" TBG SUB	10.00	10455.39
ECHO METER GAS SEPARATOR		5.20 10460.59
1 JT 2-7/8" MUD ANCHOR W/BP		32.25 10492.84

12/08/2009 Daily Cost: \$4,750

WO Cumulative Costs: \$555,133

AFE: 379545CW Present Operation: PREP FOR REFRAC

DFS: 835 SICP 50# FLOW BACK 4 BO TO TANK. PUMP 25 BBLW WTR DOWN CSG. TIH W/ 2 7/8 MA, ECHO METER GAS SEPARATOR, 2 7/8 SN, 1 JT 2 7/8 TBG, 7" TAC & 68 JTS 2 7/8 TBG. SIW SD DUE TO HIGH WINDS.

12/07/2009 Daily Cost: \$12,835

WO Cumulative Costs: \$550,383

AFE: 379545CW Present Operation: PREP FOR REFRAC

DFS: 834 SICP 200# BLOW DOWN CSG. NO FLUID TO SURFACE. MIRU KEY WS. ND FRAC VALVE. NUBOP. FORK LIFT MOVE RACKS & TBG TO WELLHEAD. SIW SDFN

12/06/2009 Daily Cost: \$4,250

WO Cumulative Costs: \$537,548

AFE: 379545CW Present Operation:

DFS: 833 24 HRS REC 124 BLW. 24/64 Open to 64/64 @ 11:00 AM. STILL REC GEL & SAND. WELL DIED @ 3:00AM NO FLOW LAST HOUR. SIW 9919 BLWTR

12/05/2009 Daily Cost: \$4,250

WO Cumulative Costs: \$533,298

AFE: 379545CW Present Operation: PREP FOR REFRAC

DFS: 832 SICP 6100# FLOW 21 HRS REC 719 BLW ON 24/64 CHOKE STARTED TO GET GEL & SAND @ 2:00 AM. 10,043 BLWTR

12/04/2009 Daily Cost: \$4,250

WO Cumulative Costs: \$529,048

AFE: 379545CW Present Operation: PREP FOR REFRAC

DFS: 831 24 HRS REC 124 BLW. 24/64 Open to 64/64 @ 11:00 AM. STILL REC GEL & SAND. WELL DIED @ 3:00AM NO FLOW LAST HOUR. SIW 9919 BLWTR

12/03/2009 Daily Cost: \$401,210

WO Cumulative Costs: \$524,798

AFE: 379545CW Present Operation: PREP FOR REFRAC

DFS: 830 RU GUARDIAN ISOLATION TOOL. RU HALLIBURTON FRAC 3rd BONE SPRINGS. W/ 810,516# VERSALITE W/ FINAL 461,631# TREATED W/ EXPEDITE. & 185,227 GALS DELTA FRAC200- R(16), 223,571 GALS DELTA FRAC 200-R-(16) W/ PROP-VERSALITE. FLUSH W. 18301 GALS WATER FRAC G-R(16) MAX PSI 6667#, AVG PSI 4002#, ISIP 4643#, 5 MIN SIP 4539#. AIR 44.49 BPM MAX IR 60.9 BPM.10,762 BLWTR RD HALLIBURTON & GUARDIAN. SIW SDFN

11/25/2009 Daily Cost: \$3,010

WO Cumulative Costs: \$123,588

AFE: 379545CW Present Operation: PREP TO REFRAC

DFS: 822 PUMP 30 BBLS WTR DOWN CSG. NDBOP NU FRAC VALVE. SIW RDMO PRO PETRO

11/24/2009 Daily Cost: \$11,060

WO Cumulative Costs: \$120,578

AFE: 379545CW Present Operation: PREP FOR REFRAC

DFS: 821 MIRU PRO PETRO. RLSE RSB SEAL ASSEMBLY POOH & LD 3 1/2 WS SIW SDFN

**CIMAREX ENERGY CO****429825-006.01 CIMAREX UNIVERSITY 20-44 1H**

County, St: Ward, TX

Location:

Spud Date:	08/26/2007	W.I. Pct BCP:	50.00 %
Formation:		W.I. Pct ACP:	50.00 %
Prop Depth:	11750	Sec/TS/Rng:	44

11/23/2009	Daily Cost:	\$29,810
WO	Cumulative Costs:	\$109,518
AFE: 379545CW	Present Operation:	PREP FOR REFRAC
DFS: 820	WO FRAC FILLING FRAC TANKS.	
11/22/2009	Daily Cost:	\$3,000
WO	Cumulative Costs:	\$79,708
AFE: 379545CW	Present Operation:	PREP FOR REFRAC
DFS: 819	WO FRAC	
11/21/2009	Daily Cost:	\$3,000
WO	Cumulative Costs:	\$76,708
AFE: 379545CW	Present Operation:	PREP FOR REFRAC
DFS: 818	WO FRAC	
11/20/2009	Daily Cost:	\$3,000
WO	Cumulative Costs:	\$73,708
AFE: 379545CW	Present Operation:	PREP FOR REFRAC
DFS: 817	WO FRAC.	
11/19/2009	Daily Cost:	\$32,589
WO	Cumulative Costs:	\$70,708
AFE: 379545CW	Present Operation:	PREP FOR REFRAC
DFS: 816	MIRU BOB CAT CAIL TBG, & BTI FLOW BACK. RIH W/ 2.75 MILL, MOTOR, JARS, & 1.75 COIL TBG TO 12006 TAG & DO FIRST PORT UNABLE TO CONTINUE THRU PORT DUE TO POOR CIRCULATION. COULD NOT KEEP CIRCULATION W/ 85 QUALITY N2. POOH W/ COIL, JARS, MOTOR & MILL. SIW SDFN	
11/18/2009	Daily Cost:	\$16,500
WO	Cumulative Costs:	\$38,119
AFE: 379545CW	Present Operation:	PREP FOR REFRAC
DFS: 815	PUMP 20 BBLS WTR DOWN CSG. PU TIH W/ SEAL ASSEMBLY & 3 1/2 TBG TAG & LATCH RSB @ 11285' SET IN 25 PT COMPRESSION..SET IN SLIPS ON BOP SIW SDFN	
11/17/2009	Daily Cost:	\$11,609
WO	Cumulative Costs:	\$21,619
AFE: 379545CW	Present Operation:	PREP FOR REFRAC
DFS: 814	PUMP 40 BBLS DOWN CSG. POOH & LD 224 JTS 2 7/8 TBG, 7" TAC, 2 7/8 SN, 2 7/8 TBG SUB, ECHO METER GAS SEPARATOR, & 2 7/8 MA. MOVE 2 7/8 TBG OUT TO EDGE OF LOCATION. UNLOAD 3 1/2 TBG ON RACKS. SIW SDFN. NOTE: HAD TO WAIT ON FORK LIFT 3 HOURS.	
11/16/2009	Daily Cost:	\$10,010
WO	Cumulative Costs:	\$10,010
AFE: 379545CW	Present Operation:	PREP FOR REFRAC
DFS: 813	MIRU PRO PETRO. POOH & LD RODS & PUMP. PUMP 40 BBLS WTR DOWN CSG. NDWH RLSE TAC NUBOP. POOH & LD 102 JTS 2 7/8 TBG SIW SDFN	
09/24/2009	Daily Cost:	\$750
WO	Cumulative Costs:	\$47,550
AFE: 379480WE	Present Operation:	FINAL REPORT

**CIMAREX ENERGY CO****429825-006.01 CIMAREX UNIVERSITY 20-44 1H**

County, St: Ward, TX

Location:

Spud Date: 08/26/2007 W.I. Pct BCP: 50.00 %

Formation: W.I. Pct ACP: 50.00 %

Prop Depth: 11750 Sec/TS/Rng: 44

DFS: 760 WELL HAS GOOD PUMP ACTION, RIGGED DOWN &amp; MOVED OFF LOCATION. FINAL REPORT

Tbg Detail	Length	Depth
KB	15.00	15.00
325 JTS 2-7/8" L-80 TBG		10439.60 10454.60
2-7/8"X 7" TAC	3.00	10457.60
1 JT 2-7/8" L-80 TBG	32.10	10489.70
2-7/8" SN	1.10	10490.80
2-7/8" TBG SUB	8.00	10498.80
ECHO METER GAS SEPARATOR		5.00 10503.80
1 JT 2-7/8" MUD ANCHOR W/BP		32.53 10536.33

Rod Detail	Count	Length
1-1/2" PR W/16' LINER	1	26
1.25" F.G. PONY RODS		
1.25" F.G. RODS	127	4762.5
7/8" NORRIS 97 RODS	132	3300
7/8" NORRIS 97 RODS	80	2000
W/Molded Rod Guides		
1-1/2" SINKER BARS	12	300
W/Stablizer Bars	12	40
26-K SHEAR TOOL	1	
1-1/2" SINKER BARS	1	25
W/Stablizer Bars	2	7
2-1/2"x 1-1/2"x 30' RHBC	1	30
Total		10490.5

09/23/2009 Daily Cost: \$7,650

WO Cumulative Costs: \$46,800

AFE: 379480WE Present Operation: TUBING LEAK, SCANALOG TBG OUT HOLE, REPLACE PUMP &amp; RETURN TO PRODUCTION.

DFS: 759 NDBOP, SET TAC WITH 18 PTS TENSION, NUWH. RIH WITH EXCHANGE PUMP, SINKER BARS, 7/8" RODS, AND 1.25" F.G. RODS. HUNG ON, SPACED OUT PUMP, LOADED &amp; PRESSURED UP TBG TO 500#. WELL HAS GOOD PUMP ACTION. LEFT RIGGED UP OVER NIGHT. PUMP SHOP: TV CAGE WAS POUNDED, CUPS WERE WORN, SEATS WERE WORN, PLUNGER RINGS WERE WORN.

09/22/2009 Daily Cost: \$32,900

WO Cumulative Costs: \$39,150

AFE: 379480WE Present Operation: TUBING LEAK, SCANALOG TBG OUT HOLE, REPLACE PUMP &amp; RETURN TO PRODUCTION.

DFS: 758 FINISHED SCANALOG TBG OUT OF THE HOLE. LAID DOWN 77 JTS GREEN BAND AND 8 JTS RED BAND TBG, FOUND SPLIT IN 304th JOINT FROM SURFACE. RD TUBOSCOPE. RIH WITH MUD ANCHOR, ECHO METER GAS SEPARATOR, SN, 1 NEW JT 2-7/8" TBG, 2-7/8"X 7" TAC, 85 NEW JTS 2-7/8" TBG, 72 JTS YELLOW BAND TBG, AND 168 JTS BLUE BAND TBG ON TOP. REPLACED 85 JTS TBG, ADDED 1 JT TO STRING, NEW TBG WAS SHORTER.

09/21/2009 Daily Cost: \$6,250

WO Cumulative Costs: \$6,250

AFE: 379480WE Present Operation: TUBING LEAK, SCANALOG TBG OUT HOLE, REPLACE PUMP &amp; RETURN TO PRODUCTION.

DFS: 757 MIRU PU, BLED DOWN WELL, UNSEATED PUMP &amp; POOH WITH 127- 1.25" F.G. RODS, 182- NORRIS 97 RODS, 30- 7/8" GUIDED RODS, 13- 1-1/2" SINKER BARS, SHEAR TOOL, AND PUMP. RU PUMP TRUCK TO CASING &amp; PUMPED 50 BBLS BRINE WATER TO KILL WELL. NDWH, RELEASED TAC, NUBOP. RU TUBOSCOPE AND SCANALOG TBG OUT OF THE HOLE. STOOD BACK 72 JTS YELLOW BAND &amp; 168 JTS BLUE BAND 2-7/8" TBG. SIW &amp; SDFN (WILL FINISH SCANALOG TBG IN THE AM).

07/21/2009 Daily Cost: \$10,550

PROD Cumulative Costs: \$29,120

AFE: MAINT0709 Present Operation: FINAL REPORT



**CIMAREX ENERGY CO****429825-006.01 CIMAREX UNIVERSITY 20-44 1H**

County, St: Ward, TX

Location:

Spud Date: 08/26/2007 W.I. Pct BCP: 50.00 %

Formation: W.I. Pct ACP: 50.00 %

Prop Depth: 11750 Sec/TS/Rng: 44

DFS: 695 RIH WITH 127- 1.25" F.G. RODS, HUNG ON, SPACED OUT PUMP. LOADED AND PRESSURED UP TBG TO 500#, HELD OK. WELL HAS GOOD PUMP ACTION. RIGGED DOWN & MOVED OFF LOCATION. PUMP SHOP: CUPS WERE WORN, VALVE ROD WORN, PLUNGER RINGS WORN, BARREL WAS SEIZED. FINAL REPORT

Tbg Detail	Length	Depth
KB	15.00	15.00
324 JTS 2-7/8" L-80 TBG		10450.60 10465.60
2-7/8"X 7" TAC	3.00	10468.60
1 JT 2-7/8" L-80 TBG	32.10	10500.70
2-7/8" SN	1.10	10501.80
2-7/8" TBG SUB	8.00	10509.80
ECHO METER GAS SEPARATOR	5.00	10514.80
1 JT 2-7/8" MUD ANCHOR W/BP	32.53	10547.33

Rod Detail	Count	Length
1-1/2" PR W/16' LINER	1	26
1.25" F.G. PONY RODS	2	9
1.25" F.G. RODS	127	4762.5
7/8" NORRIS 97 RODS	182	4550
7/8" NORRIS 97 RODS	30	750
W/Molded Rod Guides		
1-1/2" SINKER BARS	12	300
W/Stablizer Bars	12	40
26-K SHEAR TOOL	1	
1-1/2" SINKER BARS	1	25
W/Stablizer Bars	2	7
2-1/2"x 1-1/2"x 30' RHBC	1	30
Total		10499.5

07/20/2009 Daily Cost: \$7,100

PROD Cumulative Costs: \$18,570

AFE: MAINT0709 Present Operation: TUBING LEAK, HYDRO-TEST TBG IN HOLE &amp; RETURN WELL TO PRODUCTION.

DFS: 694 NDBOP, SET TAC WITH 18 PTS TENSION, NUWH. RU PUMP TRUCK TO TBG AND PUMPED 110 GALS OF 32% HCL ACID AND 110 GALS OF ACID SURFACTANT, FLUSHED WITH 200 BBLs OF FORMATION WATER. RIH WITH EXCHANGE PUMP, SHEAR TOOL, SINKER BARS, STABILIZER BARS, AND 7/8" NORRIS 97 RODS. SIW & SDFN

07/17/2009 Daily Cost: \$6,570

PROD Cumulative Costs: \$11,470

AFE: MAINT0709 Present Operation: TUBING LEAK, HYDRO-TEST TBG IN HOLE &amp; RETURN WELL TO PRODUCTION.

DFS: 691 FINISHED POOH WITH REMAINDER OF TBG, TAC, SN, GAS SEPARATOR, AND MUD ANCHOR. RU TBG TESTERS & HYDRO-TESTED TBG IN HOLE, 7000# BELOW SLIPS. BURST JOINTS 286, 287, 288, 289, 297, 301, 303, AND 308 FROM SURFACE. FOUND SPLIT IN 296th JOINT FROM SURFACE. RD TBG TESTERS, REPLACED 9 JOINTS 2-7/8" TBG. (FOUND SCALE & IRON COMPOUND ON RODS & TUBING) SIW & SDFWKD

07/16/2009 Daily Cost: \$4,900

PROD Cumulative Costs: \$4,900

AFE: MAINT0709 Present Operation: TUBING LEAK, HYDRO-TEST TBG IN HOLE &amp; RETURN WELL TO PRODUCTION.

DFS: 690 MIRU PU, UNSEATED PUMP & POOH WITH 127- 1.25" F.G. RODS, 182- 7/8" NORRIS 97 RODS, 30- 7/8" NORRIS 97 GUIDED RODS, 12- 1-1/2" SINKER BARS WITH STABILIZER BARS, SHEAR TOOL, AND PUMP. LAID DOWN 7- 1-1/2" SINKER BARS AND STABILIZER BARS THAT WERE BENT. RU PUMP TRUCK TO BACKSIDE AND PUMPED 60 BBLs PRODUCED WATER TO KILL WELL. NDWH, RELEASED TAC, NUBOP, POOH WITH 60 JTS 2-7/8" TBG. SIW & SDFN

05/14/2009 Daily Cost: \$750

PROD Cumulative Costs: \$20,970

AFE: MAINT0509 Present Operation: FINAL REPORT

DFS: 627 WELL IS PUMPING, RIGGED DOWN &amp; MOVED OFF LOCATION. FINAL REPORT

05/13/2009 Daily Cost: \$6,900

PROD Cumulative Costs: \$20,220

AFE: MAINT0509 Present Operation: STUCK PUMP, POOH WITH RODS &amp; TBG, RIH WITH TBG &amp; RODS, RETURN TO PRODUCTION



**CIMAREX ENERGY CO****429825-006.01 CIMAREX UNIVERSITY 20-44 1H**

County, St: Ward, TX

Location:

Spud Date: 08/26/2007 W.I. Pct BCP: 50.00 %

Formation: W.I. Pct ACP: 50.00 %

Prop Depth: 11750 Sec/TS/Rng: 44

DFS: 626 RU PUMP TRUCK TO BACKSIDE AND PUMPED 40 BBLS PRODUCED WATER TO KILL WELL. NDBOP, SET TAC WITH 18 PTS TENSION, NUWH. RIH WITH EXCHANGE PUMP, SHEAR TOOL, SINKER BARS, AND RODS. HUNG ON, SPACE OUT PUMP, LOADED AND PRESSURED UP TBG TO 500#. WELL HAS GOOD PUMP ACTION. LEFT RIGGED UP OVERNIGHT. PUMP SHOP: REPLACED VALVE ROD, REPLACED SV SEAT, REPLACED CUPS.

Tbg Detail	Length	Depth
KB	15.00	15.00
324 JTS 2-7/8" L-80 TBG		10455.50 10470.50
2-7/8"X 7" TAC	3.00	10473.50
1 JT 2-7/8" L-80 TBG	32.10	10505.60
2-7/8" SN	1.10	10506.70
2-7/8" TBG SUB	8.00	10514.70
ECHO METER GAS SEPARATOR		5.00 10519.70
1 JT 2-7/8" MUD ANCHOR W/BP		32.53 10552.23

Rod Detail	Count	Length
1-1/2" PR W/16' LINER	1	26
1.25" F.G. PONY RODS	2	9
1.25" F.G. RODS	127	4762.5
7/8" NORRIS 97 RODS	182	4550
7/8" NORRIS 97 RODS	30	750
W/Molded Rod Guides		
1-1/2" SINKER BARS	12	300
W/Stablizer Bars	12	40
26-K SHEAR TOOL	1	
1-1/2" SINKER BARS	1	25
W/Stablizer Bars	2	7
2-1/2"x 1-1/2"x 30' RHBC	1	30
Total		10499.5

05/12/2009

Daily Cost: \$7,820

PROD

Cumulative Costs: \$13,320

AFE: MAINT0509 Present Operation: STUCK PUMP, POOH WITH RODS &amp; TBG, RIH WITH TBG &amp; RODS, RETURN TO PRODUCTION

DFS: 625 RU PUMP TRUCK TO TBG & PUMPED 10 BBLS PRODUCED WATER TO KILL WELL. POOH WITH RODS, SINKER BARS, & FISHING TOOL, DID NOT HAVE PUMP. RU PUMP TRUCK TO CASING & PUMPED 25 BBLS WATER TO KILL WELL. NDWH, RELEASED TAC, AND NUBOP. POOH WITH 324 JTS 2-7/8" L-80 TBG, 2-7/8"X 7" TAC, 1 JT 2-7/8" TBG, SN, TBG SUB, GAS SEPARATOR, AND MUD ANCHOR. PUMP WAS STUCK IN SN, LAID DOWN JOINT OF TBG. RIH WITH MUD ANCHOR, GAS SEPARATOR, TBG SUB, SN, 1 JT 2-7/8" TBG, TAC, AND 324 JTS 2-7/8" TBG. SIW & SDFN

05/11/2009

Daily Cost: \$5,500

PROD

Cumulative Costs: \$5,500

AFE: MAINT0509 Present Operation: STUCK PUMP, POOH WITH RODS &amp; TBG, RIH WITH TBG &amp; RODS, RETURN TO PRODUCTION

DFS: 624 ROAD RIG TO LOCATION, RU PU. TRIED TO LONG-STROKE PUMP WITH NEGATIVE RESULTS. POOH WITH 127- 1.25" F.G. RODS, 212- 7/8" NORRIS RODS, 12- 1-1/2" SINKER BARS, AND PART OF SHEAR TOOL. PUMP IS STUCK IN TUBING. RIH WITH FISHING TOOL & RODS, TRIED TO FISH RODS & UNSEAT PUMP. COULD NOT UNSEAT PUMP, PICKED UP POLISH ROD & SET WEIGHT ON RODS. WILL TRY TO UNSEAT PUMP IN THE MORNING. SIW & SDFN

03/30/2009

Daily Cost: \$1,800

WO

Cumulative Costs: \$41,688

AFE: 379202WE Present Operation: FINAL REPORT

DFS: 582 Well pumping. RDMO. POP. FINAL REPORT

03/27/2009

Daily Cost: \$2,800

WO

Cumulative Costs: \$39,888

AFE: 379202WE Present Operation: HIT - Scanalog tbg

**CIMAREX ENERGY CO****429825-006.01 CIMAREX UNIVERSITY 20-44 1H**

County, St: Ward, TX

Location:

Spud Date: 08/26/2007 W.I. Pct BCP: 50.00 %

Formation: W.I. Pct ACP: 50.00 %

Prop Depth: 11750 Sec/TS/Rng: 44

DFS: 579 TIH w/FG rods. Seat &amp; space out pump. HWO. RU kill trk. Load tbg w/26 BW &amp; pressure to 500# Held. Too windy to rig dn. SDFWE. POP.

Tbg Detail	Length	Depth
KB	15.00	15.00
324 JTS 2-7/8" L-80 TBG		10457.12 10472.12
2-7/8"X 7" TAC	3.00	10475.12
1 JT 2-7/8" TK-99 N-80 TBG	31.44	10506.56
2-7/8" SN	1.10	10507.66
2-7/8" TBG SUB	8.00	10515.66
ECHO METER GAS SEPARATOR	5.00	10520.66
1 JT 2-7/8" MUD ANCHOR W/BP	32.53	10553.19

Rod Detail	Count	Length
1-1/2" POLISH ROD	1	26
1-3/4"X 16' LINER	1	
1.2 FG rods w/3'-6' pony	127	4762
Norris 97 7/8" rods	182	4550
7/8" Norris 97 w/guides	30	750
1-1/2" SINKER BARS	12	300
1 stab bar on each K-bar	11	44
1 K-bar w/26KJ shear tool	1	25
STABILIZER BAR	1	4
2-1/2"X 1-1/2"X 30' RHBC	1	30

Total 10491

03/26/2009

WO

AFE: 379202WE

Present Operation: HIT - Scanalog tbg

Daily Cost: \$22,950

Cumulative Costs: \$37,088

DFS: 578

RU kill trk. Kill tbg w/30 bls BW &amp; cas w/40 bls BW. ND BOP. Set TAC w/20 pts tension. NU WH. PU pump. PU K-bars adding one stabilizer bar between each K-bar. PU 30 Norris 97 rods w/molded rod guides. TIH w/rest of 7/8" rods &amp; 20 1.2 FG rods. High winds hit. Couldn't run rest of FG rods. SIW. SDFN. NOTE: Kel Tech still running test on solids found in pump.

Tbg Detail	Length	Depth
KB	15.00	15.00
324 JTS 2-7/8" L-80 TBG		10457.12 10472.12
2-7/8"X 7" TAC	3.00	10475.12
1 JT 2-7/8" TK-99 N-80 TBG	31.44	10506.56
2-7/8" SN	1.10	10507.66
2-7/8" TBG SUB	8.00	10515.66
ECHO METER GAS SEPARATOR	5.00	10520.66
1 JT 2-7/8" MUD ANCHOR W/BP	32.53	10553.19

Rod Detail	Count	Length
1-1/2" POLISH ROD	1	26
1-3/4"X 16' LINER	1	
1.2 FG rods		
Norris 97 7/8" rods		
7/8" Norris 97 w/guides	30	750
1-1/2" SINKER BARS	12	300
1 stab bar on each K-bar	11	44
26-K SHEAR TOOL	1	25
STABILIZER BAR	1	4
2-1/2"X 1-1/2"X 30' RHBC	1	30

Total 1179

03/25/2009

WO

AFE: 379202WE

Present Operation: HIT - Scanalog tbg.

Daily Cost: \$8,288

Cumulative Costs: \$14,138

**CIMAREX ENERGY CO****429825-006.01 CIMAREX UNIVERSITY 20-44 1H**

County, St: Ward, TX

Location:

Spud Date: 08/26/2007 W.I. Pct BCP: 50.00 %

Formation: W.I. Pct ACP: 50.00 %

Prop Depth: 11750 Sec/TS/Rng: 44

DFS: 577 Kill well w/30 bls BW dn tbg & 40 bls BW dn casing. RU Basin Scanalog. Scan tbg out. Recovered 173 yellow, 124 blue, 27 green, & 1 red band jts tbg. Found hole in 4th jt above SN = split. Most of bad tbg was right above & below TAC. Rod wear. RD Basin. TIHw/ BHA. Ran BPMA, Echo gas separator, 8' 2 7/8" tbg sub, SN, TK-99 jt, TAC, & 324 jts 2 7/8" tbg. Replaced all green & red tbg = 28 jts w/new L-80 tbg from Warwink Yard. Ran new tbg then yellow, & topped off string w/blue band tbg. SN is 16' higher than before. SIW. SDFN.

PUMP SHOP: Plunger stuck on upstroke. Barrell & SV packed w/solids. The top 3' of the barrel is pitted on the outside. Built new pump. Called Kel-Tach to run test on solids.

03/23/2009

Daily Cost: \$5,100

WO Cumulative Costs: \$5,850

AFE: 379202WE Present Operation: HIT. Will scanalog tbg.

DFS: 575 RU PU. Bleed dn tbg. Unseat pump. TOH w/rods. Laid dn bottom 30 - 7/8" rods & K-bars. These 7/8" rods will be replaced w/30 7/8" rods w/molded rod guides. RU kill trk. Kill tbg w/30 bls BW. Kill cas w/60 bls BW. ND WH. NU BOP. Rise TAC. SDFN.

Tbg Detail	Length	Depth
KB	15.00	15.00
305 JTS 2-7/8" L-80 TBG		9861.36
2-7/8"X 7" TAC	3.00	9879.36
20 JTS 2-7/8" L-80 TBG	643.80	10523.16
2-7/8" SN	1.10	10524.26
2-7/8" TBG SUB	8.00	10532.26
ECHO METER GAS SEPARATOR		5.00
1 JT 2-7/8" MUD ANCHOR W/BP		32.53
		10537.26
		10569.79

03/22/2009

Daily Cost: \$750

WO Cumulative Costs: \$750

AFE: 379202WE Present Operation: HIT. Will scanalog tbg.

DFS: 574 MIPU. SDF high winds.

11/17/2008

Daily Cost: \$3,786

PROD Cumulative Costs: \$22,736

AFE: MAINT1108 Present Operation: FINAL REPORT

DFS: 449 WELL HAS GOOD PUMP ACTION, RIGGED DOWN & MOVED OFF LOCATION. PUMP SHOP: TV CAGE WAS BAD, REPLACED BALLS & SEATS. REPLACED BARREL THAT WAS WORN. FINAL REPORT

Tbg Detail	Length	Depth
KB	15.00	15.00
305 JTS 2-7/8" L-80 TBG		9861.36
2-7/8"X 7" TAC	3.00	9879.36
20 JTS 2-7/8" L-80 TBG	643.80	10523.16
2-7/8" SN	1.10	10524.26
2-7/8" TBG SUB	8.00	10532.26
ECHO METER GAS SEPARATOR		5.00
1 JT 2-7/8" MUD ANCHOR W/BP		32.53
		10537.26
		10569.79

Rod Detail	Count	Length
1-1/2" POLISH ROD	1	26
1-3/4"X 16' LINER		1
1.25" F.G. PONY RODS	2	18
1.25" F.G. RODS		129
7/8" NORRIS 97 RODS	212	5300
1-1/2" SINKER BARS	12	300
26-K SHEAR TOOL		1
1-1/2" SINKER BAR	1	25
STABILIZER BAR	1	4
2-1/2"X 1-1/2"X 30' RHBC		1
		30

Total 10540.5

11/14/2008

Daily Cost: \$4,000

PROD Cumulative Costs: \$18,950

AFE: MAINT1108 Present Operation: TUBING LEAK, HYDRO-TEST TBG &amp; RETURN WELL TO PRODUCTION.

**CIMAREX ENERGY CO****429825-006.01 CIMAREX UNIVERSITY 20-44 1H**

County, St: Ward, TX

Location:

Spud Date: 08/26/2007 W.I. Pct BCP: 50.00 %

Formation: W.I. Pct ACP: 50.00 %

Prop Depth: 11750 Sec/TS/Rng: 44

DFS: 446 RU PUMP TRUCK TO TUBING AND PUMPED 25 BBLS PRODUCED WATER TO KILL WELL. RIH WITH EXCHANGE PUMP, SHEAR TOOL, SINKER BARS, 7/8" NORRIS 97 RODS, AND 1.25" F.G. RODS. HUNG ON, SPACED OUT PUMP 18" OFF BOTTOM. RU PUMP TRUCK AND LOADED TBG, WELL HAS GOOD PUMP ACTION. LEFT RIGGED UP OVER WEEKEND. SDFWKD

Tbg Detail	Length	Depth
KB	15.00	15.00
305 JTS 2-7/8" L-80 TBG		9861.36 9876.36
2-7/8"X 7" TAC	3.00	9879.36
20 JTS 2-7/8" L-80 TBG		643.80 10523.16
2-7/8" SN	1.10	10524.26
2-7/8" TBG SUB	8.00	10532.26
ECHO METER GAS SEPARATOR	5.00	10537.26
1 JT 2-7/8" MUD ANCHOR W/BP	32.53	10569.79

Rod Detail	Count	Length
1-1/2" POLISH ROD	1	26
1-3/4"X 16' LINER		1
1.25" F.G. PONY RODS	2	18
1.25" F.G. RODS	129	4837.5
7/8" NORRIS 97 RODS	212	5300
1-1/2" SINKER BARS	12	300
26-K SHEAR TOOL		1
1-1/2" SINKER BAR	1	25
STABILIZER BAR		1 4
2-1/2"X 1-1/2"X 30' RHBC	1	30

Total 10540.5

11/13/2008

PROD

Daily Cost: \$9,900

Cumulative Costs: \$14,950

AFE: MAINT1108 Present Operation: TUBING LEAK, HYDRO-TEST TBG &amp; RETURN WELL TO PRODUCTION.

DFS: 446 RU PUMP TRUCK TO BACKSIDE AND PUMPED 30 BBLS PRODUCED WATER DOWN CASING TO KILL WELL. POOH WITH REMAINDER OF 2-7/8" TBG, TAC, SN, GAS SEPARATOR, AND MUD ANCHOR. RU TBG TESTERS AND HYDRO-TESTED TBG IN HOLE, 7000# BELOW SLIPS. FOUND HOLE 7 JTS ABOVE SN, BURST 7 MORE JTS BETWEEN TAC AND SN. RD TBG TESTERS, NDBOP, SET TAC WITH 18 PTS TENSION, NUWH. SIW & SDFN

Tbg Detail Length Depth KB 15.00 15.00 305 JTS 2-7/8" L-80 TBG 9861.36 9876.36 2-7/8"X 7" TAC 3.00 9879.36 20 JTS 2-7/8" L-80 TBG 643.80 10523.16 2-7/8" SN 1.10 10524.26 2-7/8" TBG SUB 8.00 10532.26 ECHO METER GAS SEPARATOR 5.00 10537.26 1 JT 2-7/8" MUD ANCHOR W/BP 32.53 10569.79

11/12/2008

PROD

Daily Cost: \$5,050

Cumulative Costs: \$5,050

AFE: MAINT1108 Present Operation: TUBING LEAK, HYDRO-TEST TBG &amp; RETURN WELL TO PRODUCTION.

DFS: 444 MIRU PU, UNSEATED PUMP, RU PUMP TRUCK AND PUMPED 30 BBLS BRINE WATER TO KILL WELL. POOH WITH 129 - 1.25" F.G. RODS, 212 - 7/8" NORRIS 97 RODS, 13 - 1-1/2" SINKER BARS, SHEAR TOOL, STABILIZER BAR, AND PUMP. NDWH AND NUBOP, RELEASED TAC. POOH WITH 164 JTS 2-7/8" L-80 TBG. SIW & SDFN

08/25/2008

PROD

Daily Cost: \$915

Cumulative Costs: \$5,971,101

AFE: 257073 Present Operation: FINAL REPROT

DFS: 365 WELL HAS GOOD PUMP ACTION, RIGGED DOWN &amp; MOVED OFF LOCATION. FINAL REPORT

Tbg Detail Length Depth KB 15.00 15.00 305 JTS 2-7/8" TBG 9861.36 9876.36 2-7/8"X 7" TAC 3.00 9879.36 20 JTS 2-7/8" TBG 640.92 10520.28 2-7/8" SN 1.10 10521.38 2-7/8" SUB 8.00 10529.38 ECHO METER GAS SEPARATOR 5.00 10534.38 1 JT 2-7/8" MUD ANCHOR W/BP 32.53 10566.91

Rod Detail Count Length 1-1/2" POLISH ROD 1 26 1-3/4"X 16' LINER 1 1.25" FG PONY RODS 2 15 1.25" FG RODS 129 4837.5 7/8" NORRIS 97 RODS 212 5300 1-1/2" SINKER BARS 12 300 26-K SHEAR TOOL 1 1-1/2" SINKER BAR 1 25 STABILIZER BAR 1 4 2-1/2"X 1-1/2"X 30' RHBC 1 30 Total 10537.5

08/24/2008

PROD

Daily Cost: \$0

Cumulative Costs: \$5,970,186

AFE: 257073 Present Operation: RIH WITH PRODUCTION TBG AND ROD PUMP, RETURN WELL TO PRODUCTION.

DFS: 364 WELL TEST: 8/24/08: 94 BOPD, 187 BWPD, 44 MCFPD 19 HR TEST

**CIMAREX ENERGY CO****429825-006.01 CIMAREX UNIVERSITY 20-44 1H**

County, St: Ward, TX

Location:

Spud Date: 08/26/2007 W.I. Pct BCP: 50.00 %

Formation: W.I. Pct ACP: 50.00 %

Prop Depth: 11750 Sec/TS/Rng: 44

08/23/2008

PROD

Daily Cost: \$5,965

Cumulative Costs: \$5,970,186

AFE: 257073 Present Operation: RIH WITH PRODUCTION TBG AND ROD PUMP, RETURN WELL TO PRODUCTION.

DFS: 363 RIH WITH REMAINDER OF 1.25" FIBERGLASS RODS, HUNG ON, SPACED OUT PUMP 36" OFF BOTTOM. LOADED &amp; PRESSURED UP TBG TO 500 PSI, WELL HAS GOOD PUMP ACTION. LEFT RIGGED UP OVERNIGHT.

Tbg Detail Length Depth KB 15.00 15.00 305 JTS 2-7/8" TBG 9861.36 9876.36 2-7/8"X 7" TAC 3.00 9879.36 20 JTS 2-7/8" TBG 640.92 10520.28 2-7/8" SN 1.10 10521.38 2-7/8" SUB 8.00 10529.38 ECHO METER GAS SEPARATOR 5.00 10534.38 1 JT 2-7/8" MUD ANCHOR W/BP 32.53 10566.91

Rod Detail Count Length 1-1/2" POLISH ROD 1 26 1-3/4"X 16' LINER 1 1.25" FG PONY RODS 2 15 1.25" FG RODS 129 4837.5 7/8" NORRIS 97 RODS 212 5300 1-1/2" SINKER BARS 12 300 26-K SHEAR TOOL 1 1-1/2" SINKER BAR 1 25 STABILIZER BAR 1 4 2-1/2"X 1-1/2"X 30' RHBC 1 30 Total 10537.5

08/22/2008

PROD

Daily Cost: \$73,895

Cumulative Costs: \$5,964,221

AFE: 257073 Present Operation: RIH WITH PRODUCTION TBG AND ROD PUMP, RETURN WELL TO PRODUCTION.

DFS: 362 NDBOP, SET TAC WITH 18 PTS TENSION, NUWH. PICKED UP AND RIH WITH PUMP, STABILIZER BAR, SINKER BAR, SHEAR TOOL, 12- 1-1/2" SINKER BARS, 212-7/8" NORRIS 97 RODS, AND 70-1.25" FG RODS. SIW &amp; SDFN

08/21/2008

PROD

Daily Cost: \$14,820

Cumulative Costs: \$5,890,326

AFE: 257073 Present Operation: RIH WITH PRODUCTION TBG AND ROD PUMP, RETURN WELL TO PRODUCTION.

DFS: 361 MIRU PU, RU PUMP TRUCK TO TBG AND PUMPED 40 BBLs BRINE WATER TO KILL WELL. NDWH TREE &amp; NUBOP, RELEASED PACKER, RU PUMP TRUCK AND PUMPED 30 BBLs BRINE WATER DOWN BACKSIDE. POOH WITH 309 JTS 2-7/8" TBG &amp; 7" AS-1 PACKER, LAID DOWN PACKER. RIH WITH MUD ANCHOR, GAS SEPARATOR, SN, 20 JTS 2-7/8" TBG, TAC, AND 305 JTS 2-7/8" TBG. SIW &amp; SDFN

Tbg Detail Length Depth KB 15.00 15.00 305 JTS 2-7/8" TBG 9861.36 9876.36 2-7/8"X 7" TAC 3.00 9879.36 20 JTS 2-7/8" TBG 640.92 10520.28 2-7/8" SN 1.10 10521.38 2-7/8" SUB 8.00 10529.38 ECHO METER GAS SEPARATOR 5.00 10534.38 1 JT 2-7/8" MUD ANCHOR W/BP 32.53 10566.91

01/03/2008

PROD

Daily Cost: \$0

Cumulative Costs: \$5,875,506

AFE: 257073 Present Operation: FINAL REPORT

DFS: 130 216 BO, 373 BW, 255 MCF, TP-800, CK-16/64, FINAL REPORT  
still getting quite a bit of sand in the san seperator, had sand for 1 minute in the morning & 30 seconds in the evening.

01/02/2008

PROD

Daily Cost: \$0

Cumulative Costs: \$5,875,506

AFE: 257073 Present Operation:

DFS: 129 219 BO, 200 BW, 262 MCF, TP-850, CK-16/64

01/01/2008

PROD

Daily Cost: \$0

Cumulative Costs: \$5,875,506

AFE: 257073 Present Operation:

DFS: 128 230 BO, 402 BW, 268 MCF, TP-850, CK-16/64

12/31/2007

PROD

Daily Cost: \$0

Cumulative Costs: \$5,875,506

AFE: 257073 Present Operation:

DFS: 127 227 BO, 295 BW, 274 MCF, TP-850, CK-16/64

12/30/2007

PROD

Daily Cost: \$0

Cumulative Costs: \$5,875,506

AFE: 257073 Present Operation:

DFS: 126 235 BO, 354 BW, 282 MCF, TP-900, CK-16/64

**CIMAREX ENERGY CO****429825-006.01 CIMAREX UNIVERSITY 20-44 1H**

County, St: Ward, TX

Location:

Spud Date: 08/26/2007 W.I. Pct BCP: 50.00 %

Formation: W.I. Pct ACP: 50.00 %

Prop Depth: 11750 Sec/TS/Rng: 44

12/29/2007	Daily Cost:	\$0
PROD	Cumulative Costs:	\$5,875,506
AFE: 257073	Present Operation:	
DFS: 125	238 BO, 478 BW, 291 MCF, TP-900, CK-16/64	
12/28/2007	Daily Cost:	\$2,625
COMP	Cumulative Costs:	\$5,875,506
AFE: 257073	Present Operation:	Flowing on Test - Final Report
DFS: 124	Well flowed 24 hours on 16/64" choke w/ 1000# FTP.. Recovered 255 oil, 437 water, 237 gas	
	Final Report	
12/27/2007	Daily Cost:	\$0
PROD	Cumulative Costs:	\$5,872,881
AFE: 257073	Present Operation:	
DFS: 123	255 BO, 432 BW, 239 MCF, TP-1000, CK-16/64	
12/27/2007	Daily Cost:	\$2,835
COMP	Cumulative Costs:	\$5,872,881
AFE: 257073	Present Operation:	Flowing on Test
DFS: 123	Well flowed 1 hour on 16/64" choke w/ 1000# FTP.. Recovered 11 oil, 14 water, 81 gas Treator lost psi and safety valve shut down well-- Problem corrected-- Well backl on line Rig down and release Rig at 10:00 On 12/26/07	
12/26/2007	Daily Cost:	\$3,518
COMP	Cumulative Costs:	\$5,870,046
AFE: 257073	Present Operation:	Flowing on Test
DFS: 122	11 BO, 14 BW, 81 MCF, TP-1600, CK-16/64. The Hi-Lo shut off valve was SI due to a back pressure valve losing all the gas. Changed out back pressure valve.	
12/25/2007	Daily Cost:	\$0
PROD	Cumulative Costs:	\$5,866,528
AFE: 257073	Present Operation:	
DFS: 121	238 BO, 451 BW, 301 MCF, TP-1000, CK-16/64	
12/25/2007	Daily Cost:	\$3,518
COMP	Cumulative Costs:	\$5,866,528
AFE: 257073	Present Operation:	Flowing on Test
DFS: 121	Flowed 24 hrs on 16/64" choke FTP @ 1000#. Recovered 240 oil, 324 H2O, 282 gas.	
12/24/2007	Daily Cost:	\$3,465
COMP	Cumulative Costs:	\$5,863,010
AFE: 257073	Present Operation:	Flowing on Test
DFS: 120	Flowed 18 hrs on 13/64" choke FTP @ 1200#. Recovered 120 oil, 186 H2O, 99 gas. Changed to 16/64" choke today.	
12/23/2007	Daily Cost:	\$22,575
COMP	Cumulative Costs:	\$5,859,545
AFE: 257073	Present Operation:	Flowing on Test
DFS: 119	Finish in hole w/ 2 7/8" tbg and o/o overshot. Latch up to pkr and Test annulus to 500# - O.K. ND BOP and NU Double Valve 5K Tree. NU Tree to De-Sander + Manifold combo then to flowline and Bttry. RU ARC Slickline and retrieve "XN" plug. TBG psi = 2400# Start flow back to Bttry at 16:00 on various chokes. Test will be reported one day late. Stay Rigged Up and Send crew home till Wed, 12/26/07	
12/22/2007	Daily Cost:	\$11,865
COMP	Cumulative Costs:	\$5,836,970
AFE: 257073	Present Operation:	Finish in Hole w/ 2 7/8" Tbg & NU
DFS: 118	Well still blowing down this A.M. on 10/64" choke w/ FCP at 300#. Open choke and allow remaining psi to blow down in 3 hours. Dump 30 BBIs of 5% KCl to stop gas bubbles from popping off while ND 5K Frac Valve and NU BOP. PU and TIH w/ 2 7/8" O/O overshot on 2 7/8" Tbg to 8200'. Leave well open on small choke and SD for Dark.	

**CIMAREX ENERGY CO****429825-006.01 CIMAREX UNIVERSITY 20-44 1H**

County, St: Ward, TX

Location:

Spud Date: 08/26/2007 W.I. Pct BCP: 50.00 %

Formation: W.I. Pct ACP: 50.00 %

Prop Depth: 11750 Sec/TS/Rng: 44

12/21/2007		Daily Cost:	\$99,180
COMP		Cumulative Costs:	\$5,825,105
AFE:	257073	Present Operation:	TIH w/ 2 7/8" Tbg
DFS:	117	MIRU Nabors Rig # 1467. RU Howco E-Line and Full Lubricator. TIH w/ GR/JB/GR and set down at 10,652' (633' above liner top) TOH to 10,000' and wait one hour. Lower down and set down at 10,500'. TOH and TIH w/ 7" AS A1-X Pkr w/ on/off profile w/ 2.313" profile, 8' 2 7/8" Tbg sub, and 2.313" XN nipple w/ "XN" plug in place and set between csg collars at 10,000'. RD Howco and start bleed off csg from 1400# on 10/64" choke to pit. Blow down psi at 300# at 17:00. Send crew home and leave psi bleeding off. While Running E-Line off loaded and racked out 11,400' of Tbg. Garrison will have all drifted and visual inspected by 20:00. Will PU and TIH w/ O/O overshot and 2 7/8" tbg this A.M.	
12/20/2007		Daily Cost:	\$0
PROD		Cumulative Costs:	\$5,725,925
AFE:	257073	Present Operation:	
DFS:	116	235 BO, 301 BW, 294 MCF, CP-700, CK-18/64. Pulling unit on well.	
12/19/2007		Daily Cost:	\$0
PROD		Cumulative Costs:	\$5,725,925
AFE:	257073	Present Operation:	
DFS:	115	268 BO, 389 BW, 306 MCF, CP-750, CK-18/64	
12/18/2007		Daily Cost:	\$0
PROD		Cumulative Costs:	\$5,725,925
AFE:	257073	Present Operation:	
DFS:	114	263 BO, 381 BW, 318 MCF, CP-750, CK-18/64	
12/17/2007		Daily Cost:	\$0
PROD		Cumulative Costs:	\$5,725,925
AFE:	257073	Present Operation:	
DFS:	113	266 BO, 463 BW, 321 MCF, CP-800, CK-18/64	
12/16/2007		Daily Cost:	\$0
PROD		Cumulative Costs:	\$5,725,925
AFE:	257073	Present Operation:	
DFS:	112	271 BO, 361 BW, 331 MCF, CP-850, CK-18/64	
12/15/2007		Daily Cost:	\$0
PROD		Cumulative Costs:	\$5,725,925
AFE:	257073	Present Operation:	
DFS:	111	274 BO, 356 BW, 324 MCF, CP-850, CK-18/64	
12/14/2007		Daily Cost:	\$0
PROD		Cumulative Costs:	\$5,725,925
AFE:	257073	Present Operation:	
DFS:	110	277 BO, 437 BW, 280 MCF, CP-850, CK-18/64	
12/13/2007		Daily Cost:	\$0
PROD		Cumulative Costs:	\$5,725,925
AFE:	257073	Present Operation:	Flowing to Tank battery.
DFS:	109	258 BO, 406 BW, 371 MCF, CP-1150, CK-18/64. 12/13/07: The high low shut off valve was SI @ report time. Couldn't find a problem for the valve to shut. Opened well back up to btty.	
12/12/2007		Daily Cost:	\$0
PROD		Cumulative Costs:	\$5,725,925
AFE:	257073	Present Operation:	
DFS:	108	305 BO, 469 BW, 357 MCF, CP-950, CK-18/64. TBLTR-(-)248	

**CIMAREX ENERGY CO****429825-006.01 CIMAREX UNIVERSITY 20-44 1H**

County, St: Ward, TX

Location:

Spud Date:

08/26/2007

W.I. Pct BCP:

50.00 %

Formation:

W.I. Pct ACP:

50.00 %

Prop Depth:

11750

Sec/TS/Rng:

44

12/11/2007	Daily Cost:	\$0
PROD	Cumulative Costs:	\$5,725,925
AFE: 257073	Present Operation:	
DFS: 107	249 BO, 391 BW, 332 MCF, CP-1050, CK-16/64, TBLTR-221	
12/10/2007	Daily Cost:	\$0
PROD	Cumulative Costs:	\$5,725,925
AFE: 257073	Present Operation:	
DFS: 106	285 BO, 457 BW, 340 MCF, CP-1050, CK-16/64, TBLTR-612	
12/09/2007	Daily Cost:	\$0
PROD	Cumulative Costs:	\$5,725,925
AFE: 257073	Present Operation:	
DFS: 105	293 BO, 403 BW, 356 MCF, CP-1100, CK-16/64, TBLTR-1069	
12/08/2007	Daily Cost:	\$0
PROD	Cumulative Costs:	\$5,725,925
AFE: 257073	Present Operation:	
DFS: 104	312 BO, 438 BW, 368 MCF, CP-1200, CK-16/64, TBLTR-1472	
12/07/2007	Daily Cost:	\$0
PROD	Cumulative Costs:	\$5,725,925
AFE: 257073	Present Operation:	
DFS: 103	304 BO, 508 BW, 358 MCF, CP-1250, CK-16/64, TBLTR-1910	
12/06/2007	Daily Cost:	\$0
PROD	Cumulative Costs:	\$5,725,925
AFE: 257073	Present Operation:	
DFS: 102	271 BO, 437 BW, 346 MCF, CP-1300, CK-15/64, TBLTR-2418	
12/05/2007	Daily Cost:	\$0
PROD	Cumulative Costs:	\$5,725,925
AFE: 257073	Present Operation:	
DFS: 101	12/5/07: Tr of sand still coming out of sand separator.	
	294 BO, 477 BW, 352 MCF, CP-1350, CK-15/64, TBLTR-2855	
12/04/2007	Daily Cost:	\$0
PROD	Cumulative Costs:	\$5,725,925
AFE: 257073	Present Operation:	
DFS: 100	280 BO, 501 BW, 339 MCF, CP-1450, CK-15/64, TBLTR-3332	
12/03/2007	Daily Cost:	\$0
PROD	Cumulative Costs:	\$5,725,925
AFE: 257073	Present Operation:	
DFS: 99	280 BO, 444 BW, 336 MCF, CP-1500, CK-14/64, TBLTR-3833	
12/02/2007	Daily Cost:	\$0
PROD	Cumulative Costs:	\$5,725,925
AFE: 257073	Present Operation:	
DFS: 98	285 BO, 492 BW, 341 MCF, CP-1550, CK-14/64, TBLTR-4277	



**CIMAREX ENERGY CO****429825-006.01 CIMAREX UNIVERSITY 20-44 1H**

County, St: Ward, TX

Location:

Spud Date:

08/26/2007

W.I. Pct BCP:

50.00 %

Formation:

W.I. Pct ACP:

50.00 %

Prop Depth:

11750

Sec/TS/Rng:

44

12/01/2007	Daily Cost:	\$0
PROD	Cumulative Costs:	\$5,725,925
AFE: 257073	Present Operation:	
DFS: 97	291 BO, 546 BW, 348 MCF, CP-1600, CK-14/64, TBLTR-4769	
11/30/2007	Daily Cost:	\$0
PROD	Cumulative Costs:	\$5,725,925
AFE: 257073	Present Operation:	
DFS: 96	302 BO, 492 BW, 356 MCF, CP-1650, CK-14/64, TBLTR-5315	
11/29/2007	Daily Cost:	\$0
PROD	Cumulative Costs:	\$5,725,925
AFE: 257073	Present Operation:	
DFS: 95	244 BO, 434 BW, 309 MCF, CP-1700, CK-14/64, TBLTR-5806	
11/28/2007	Daily Cost:	\$0
PROD	Cumulative Costs:	\$5,725,925
AFE: 257073	Present Operation:	
DFS: 94	247 BO, 517 BW, 281 MCF, CP-1850, CK-12/64, TBLTR-6240	
11/27/2007	Daily Cost:	\$0
PROD	Cumulative Costs:	\$5,725,925
AFE: 257073	Present Operation:	
DFS: 93	290 BO, 550 BW, 284 MCF, CP-1900, CK-12/64, TBLTR-6757	
11/26/2007	Daily Cost:	\$0
PROD	Cumulative Costs:	\$5,725,925
AFE: 257073	Present Operation:	
DFS: 92	246 BO, 558 BW, 285 MCF, CP-1950, CK-12/64, TBLTR-7307	
11/25/2007	Daily Cost:	\$0
PROD	Cumulative Costs:	\$5,725,925
AFE: 257073	Present Operation:	
DFS: 91	254 BO, 615 BW, 286 MCF, CP-2000, CK-12/64, TBLTR-7865	
11/24/2007	Daily Cost:	\$0
PROD	Cumulative Costs:	\$5,725,925
AFE: 257073	Present Operation:	
DFS: 90	287 BO, 551 BW, 287 MCF, CP-2000, CK-12/64, TBLTR-8480	
11/23/2007	Daily Cost:	\$0
PROD	Cumulative Costs:	\$5,725,925
AFE: 257073	Present Operation:	
DFS: 89	248 BO, 505 BW, 286 MCF, CP-2050, CK-12/64, TBLTR-9031	
11/22/2007	Daily Cost:	\$0
PROD	Cumulative Costs:	\$5,725,925
AFE: 257073	Present Operation:	
DFS: 88	248 BO, 477 BW, 286 MCF, CP-2050, CK-12/64, TBLTR-9536	

**CIMAREX ENERGY CO****429825-006.01 CIMAREX UNIVERSITY 20-44 1H**

County, St: Ward, TX

Location:

Spud Date: 08/26/2007 W.I. Pct BCP: 50.00 %

Formation: W.I. Pct ACP: 50.00 %

Prop Depth: 11750 Sec/TS/Rng: 44

11/21/2007 Daily Cost: \$0

PROD Cumulative Costs: \$5,725,925

AFE: 257073 Present Operation:

DFS: 87 218 BO, 559 BW, 282 MCF, CP-2200, CK-12/64, TBLTR-10013

11/20/2007 Daily Cost: \$0

PROD Cumulative Costs: \$5,725,925

AFE: 257073 Present Operation:

DFS: 86 254 BO, 595 BW, 276 MCF, CP-2250, CK-12/64, TBLTR-10572

11/18/2007 Daily Cost: \$0

PROD Cumulative Costs: \$5,725,925

AFE: 257073 Present Operation:

DFS: 84 218 BO, 546 BW, 242 MCF, CP-2400, CK-12/64, TBLTR-11636

11/17/2007 Daily Cost: \$0

PROD Cumulative Costs: \$5,725,925

AFE: 257073 Present Operation:

DFS: 83 166 BO, 300 BW, 204 MCF, CP-2600, CK-10/64, TBLTR-12182

11/16/2007 Daily Cost: \$31,815

COMP Cumulative Costs: \$5,725,925

AFE: 257073 Present Operation: Flowing to Tank battery

DFS: 82 Flowed well to test tanks while waiting to turn well into Tank Battery. Flowed into test tanks until 2:30 PM. Put well into battery, flowing thru sand separator. Flowed 210 bbls to test tanks @ 30-40% oil cut. Flowed to battery in 16 hrs, 54 BO 450 BW, CP-2600# on a 10/64 choke. Had to fill 6'x 20' heater treater w/ oil. Hauled off 3 lds of water this morning. Trace amount of sand in separator.

Total Fluid Recovered Last 24 Hrs: 669 BBLS

Load Recovered Last 24 Hrs.: 531 BBLS

Total Load Recovered Since Start: 5428 BBLS

Total Load Left to Recover: 12.842 BBLS

Oil Recovered Last 24 Hrs: 173 BBLS

Total Oil Recovered : 724 BBLS

11/15/2007 Daily Cost: \$31,815

COMP Cumulative Costs: \$5,694,110

AFE: 257073 Present Operation: Flowin on Test

DFS: 81 Clean location while waiting on Bobcat to begin operation. Operator had forgot to bring keys for coil tbg unit. Test tool at 1 BPM 9500#. Discuss contract pmp truck not able to inject Friction Reducer at Pump. Could only Batch Mix. Also discuss depths coil tbg could reach due to csg design. Decision made to cancel operation and return well to flow test. Change Out and nipple up new sand separator and continue to flow well on test at 16:00 on 10/64" choke. Flow well 14 hrs on 10/64 choke to test tanks. FCP 2600#. Recovering trace amount of sand, oil cut 50 %.

Total Fluid Recovered Last 24 Hrs : 470 BBLS

Load Recovered Last 24 Hrs.: 235 BBLS

Total Load Recovered Since Start : 4897 BBLS

Total Load Left to Recover: 13,373 BBLS

Oil Recovered Last 24 Hrs: 235 BBLS

Total Oil Recovered : 569 BBLS

11/14/2007 Daily Cost: \$12,390

COMP Cumulative Costs: \$5,662,295

AFE: 257073 Present Operation: RU Bobcat 1 1/4" coiled tubing unit.

**CIMAREX ENERGY CO****429825-006.01 CIMAREX UNIVERSITY 20-44 1H**

County, St: Ward, TX

Location:

Spud Date: 08/26/2007 W.I. Pct BCP: 50.00 %

Formation: W.I. Pct ACP: 50.00 %

Prop Depth: 11750 Sec/TS/Rng: 44

DFS: 80 Shut well in to stabilize. MIRU Bobcat 1 1/4" coil tbg Unit. Weld on Disconnect and install 1.44" Hip-tripper and Bit. Test same. Start in hole w/ coil. Pump truck Broke. Continue in hole w/ coil to 10,000' and wait on pump truck until 14: 00. Pull coil out of hole and resume flowback. Shut well in at 4:00 A.M. to stabilize and will attempt to C/O w/ 1 1/4" coil this A.M.  
Flow well 12 hrs on 12/64 choke to test tanks. FCP 2750#. Recovering trace amount of sand, oil cut 50 %.

Total Fluid Recovered Last 24 Hrs : 750 BBLS  
Load Recovered Last 24 Hrs. : 500 BBLS  
Total Load Recovered Since Start : 4662 BBLS  
Total Load Left to Recover: 13,608 BBLS

Oil Recovered Last 24 Hrs: 200 BBLS  
Total Oil Recovered : 284 BBLS

Sand separator screwed up Made Big Mess on location. Cleanup under way

11/13/2007 Daily Cost: \$8,610  
COMP Cumulative Costs: \$5,649,905

AFE: 257073 Present Operation: RU Bobcat 1 1/4" coiled tubing unit.

DFS: 79 Flow well 24 hrs on 12/64 choke to test tanks. FCP 2900#. Still recovering moderate amount of sand, oil cut 5 %.  
Total Fluid Recovered Last 24 Hrs: 1670 BBLS  
Load Recovered Last 24 Hrs: 1586 BBLS  
Total Load Recovered Since Start: 4162 BBLS  
Total Load Left to Recover: 14108 BBLS

Oil Recovered Last 24 Hrs: 84 BBLS  
Total Oil Recovered : 84 BBLS

11/12/2007 Daily Cost: \$8,715  
COMP Cumulative Costs: \$5,641,295

AFE: 257073 Present Operation: Continue flowing well to test tanks

DFS: 78 Flow well 2 hrs on 10/64 choke, FCP 3350#. Open well up on 12/64 choke, flow for 22 hrs, FCP this AM 3000#. Avg Rate of Recovery 70-75 BBLS per hr. Recovering modest amount of sand at sand separator. Trace of oil in spls this AM

Load Recovered Last 24 Hrs: 1526 BBLS  
Total Load Recovered: 2576 BBLS  
Load Left to Recover : 15694 BBLS

Oil Recovered Last 24 Hrs: 0 BBLS  
Total Oil Recovered : 0 BBLS

11/11/2007 Daily Cost: \$5,460  
COMP Cumulative Costs: \$5,632,580

AFE: 257073 Present Operation: Continue flowing well to test tanks

DFS: 77 SICP 3850#. RU to flow well back. Open well up on 10/64 choke at 9:30 AM. In 21 1/2 Hrs recovered 1050 BBLS load. FCP this AM on 10/64 choke- 3350#.

Load Left to Recover: 17,220 BBLS

11/10/2007 Daily Cost: \$784,770  
COMP Cumulative Costs: \$5,627,120

AFE: 257073 Present Operation: RU to flow well back after frac

**CIMAREX ENERGY CO****429825-006.01 CIMAREX UNIVERSITY 20-44 1H**

County, St: Ward, TX

Location:

Spud Date: 08/26/2007 W.I. Pct BCP: 50.00 %

Formation: W.I. Pct ACP: 50.00 %

Prop Depth: 11750 Sec/TS/Rng: 44

DFS: 76 Finish RU of BJ and frac well in 6 stages with 6,000 gals 15% HCL, 342,055 gals Lightening 2000 gel Pad, 313,393 gals Lightening 2000 gelled fluid containing 397,138# 18/40 Versaprop sand ramped from 0.5# to 2#. Flushed each stage with slick water.

1st STAGE: AVG. PRESSURE: 7443#; AVG. RATE: 37.8 BPM; Max. Pressure: 8027# through pump out plug at 15,470' Drop Ball, open 1.5" Strata-Port at 14,553' at 8200#, 4.3BPM.

2nd STAGE: AVG. PRESSURE: 7784#; AVG. RATE: 52 BPM; Max. Pressure: 8200# through strata- port at 14,553'. Drop Ball open 1.75" Strata-Port at 13,923', at 7860#, 4.2 BPM.

3rd STAGE: AVG. PRESSURE: 7550#; AVG. RATE: 56 BPM; Max. Pressure: 7860# through strata-port at 13,923'. Drop Ball open 2.00" Strata-Port at 13,203', at 8130#, 4.4 BPM.

4th STAGE: AVG. PRESSURE: 6500#; AVG. RATE: 55.6 BPM; Max. Pressure: 8130# through strata-port at 13,203'. Drop Ball open 2.25" Strata-Port at 12,509' at 7991#, 4.4 BPM.

5th STAGE: AVG. PRESSURE: 6403#; AVG. RATE: 56 BPM; Max. Pressure: 7191#; through strata-port at 12,509'. Drop Ball open 2.5" Strata-Port at 12,004' at 7931#, 4.4 BPM. Cut part of 1.5# stage & 2# stage due to hydraulic problem with Sand King.

6th STAGE: AVG. PRESSURE: 5606#; AVG. PRESSURE: 57 BPM; Max. Pressure: 7937# through strata-port at 12,004'. Extend 2 # stage to use excess sand not used in 5th stage.

ISIP: 4988#, 5 min- 4876#, 10-min 4869#. Shut well, RD BJ, RD Guardian.

11/09/2007 Daily Cost: \$6,300

COMP Cumulative Costs: \$4,842,350

AFE: 257073 Present Operation: Frac well

DFS: 75 BJ late coming off job from another company, had to postpone job due to DOT rules. MIRU all frac equipment, prep to frac, SDFN. Will start frac early this AM.

11/08/2007 Daily Cost: \$149,490

COMP Cumulative Costs: \$4,836,050

AFE: 257073 Present Operation: RU BJ to frac

DFS: 74 RU Guardian isolation tool, RU BJ acid pump. SICP 225#. Load casing with 21 bbls 5% KCL, catch pressure and increase to pump out float valve. Blew plug at 8800# at 1.7 BPM. Pressure fell to 3500#, increase rate to 3.5 BPM, put away 35 bbls at 3500-3750#. Shut down ISIP 3450#. Shut well in via Guardian's valve, RD BJ. Well ready to frac.

11/07/2007 Daily Cost: \$270,750

COMP Cumulative Costs: \$4,686,560

AFE: 257073 Present Operation: Completion Set Up

DFS: 73

11/05/2007 Depth 15,500 Daily Cost: \$2,100

DRLG Progress 0 Cumulative Costs: \$4,415,810

AFE: 257073 Present Operation: Rigging down

DFS: 71 Nipple down blow-out prevention equipment and nipple up 7 1/16" x 5M frac valve w/capping flange furnished by Cameron Jet pits Rig released at 6:00 p.m. 11/4/2007 Will rigdn and work on rig 11-5 and move rig to the KHC 33-24 #1H well Tuesday 11/6/2007

11/05/2007 Daily Cost: \$52,054

COMP Cumulative Costs: \$4,415,810

AFE: 257073 Present Operation: Rigging down

DFS: 71 Nipple down blow-out prevention equipment and nipple up 7 1/16" x 5M frac valve w/capping flange furnished by Cameron Jet pits Rig released at 6:00 p.m. 11/4/2007 Will rigdn and work on rig 11-5 and move rig to the KHC 33-24 #1H well Tuesday 11/6/2007

11/04/2007 Daily Cost: \$227,816

COMP Cumulative Costs: \$4,361,656

AFE: 257073 Present Operation: Safety meeting with ndn crew

**CIMAREX ENERGY CO****429825-006.01 CIMAREX UNIVERSITY 20-44 1H**

County, St: Ward, TX

Location:

Spud Date: 08/26/2007 W.I. Pct BCP: 50.00 %  
 Formation: W.I. Pct ACP: 50.00 %  
 Prop Depth: 11750 Sec/TS/Rng: 44

DFS: 70 Run 427.48 ft of 3 1/2" UFJ P-110 9.3# thru curve and run 3750.08 ft of 3 1/2" P-110, EUE 9.3# thru lateral with Peak assembly and land same with 11,289 ft of 3 1/2" drill pipe. Circ. as needed to keep circulating pressure down below setting pressures of packers. Top of Hyd Set Tool at 11,280', RSBP 10K set at 11,285', 5 3/4"OH Anchor#2 set at 11,724', 3 1/2" 8rd strata port 2.5@12,005' 5 7/8"ISO PAK 5@12,167', Strata Port 2.25" ID@12,510', 5 7/8"ISO PAK4@12,891', Strata Port 2" ID @13,204', 5 7/8" ISO PAK3 set @ 13,583', 8rd strata port 1.75"ID @ 13,924', 5 7/8"ISO PAK2 @ 14,303', 8rd strataport 1.5"ID @ 14,555', 5 3/4"OH Anchor #1 set at 15,219', Pump Off Sub at 15,471' Liner slid to bottom with 30-60K hole drag down wt and drag at 25K when pulling up Safety meeting and ru Key Pressure Control, test lines to 5000 psi(test ok), Pump 50 bbls of brine, drop 1" ball and pump 80 bbls brine and seat same in pump out sub, set packers and pressure up to 2600 psi and hold same for 5 min. Set packers at 1600 psi, 1800 psi, 2000 psi, 2200 psi and raise pressure to 2600 psi and hold for 5 min. Pump 1000 psi on backside to test RSBP(test ok) Pull test to 30K and setdn wt test to 25K(test ok)rigdn Key Circulate gas and oil out, load hole with clean 10# brine Safety meeting and ru Express laydn machine and laydn drill pipe and rigdn Weatherford 4.5 swivel and load out same and rigdn laydn machine. Safety meeting with Man Welding crew and Key personel for nipple down procedure. Peak Completion assembly and liner tally is BHA located after rpt #64.

11/04/2007 Depth 15,500 Daily Cost: \$473

DRLG Progress 0 Cumulative Costs: \$4,361,656

AFE: 257073 Present Operation: Safety meeting with ndn crew

DFS: 70 Run 427.48 ft of 3 1/2" UFJ P-110 9.3# thru curve and run 3750.08 ft of 3 1/2" P-110, EUE 9.3# thru lateral with Peak assembly and land same with 11,289 ft of 3 1/2" drill pipe. Circ. as needed to keep circulating pressure down below setting pressures of packers. Top of Hyd Set Tool at 11,280', RSBP 10K set at 11,285', 5 3/4"OH Anchor#2 set at 11,724', 3 1/2" 8rd strata port 2.5@12,005' 5 7/8"ISO PAK 5@12,167', Strata Port 2.25" ID@12,510', 5 7/8"ISO PAK4@12,891', Strata Port 2" ID @13,204', 5 7/8" ISO PAK3 set @ 13,583', 8rd strata port 1.75"ID @ 13,924', 5 7/8"ISO PAK2 @ 14,303', 8rd strataport 1.5"ID @ 14,555', 5 3/4"OH Anchor #1 set at 15,219', Pump Off Sub at 15,471' Liner slid to bottom with 30-60K hole drag down wt and drag at 25K when pulling up Safety meeting and ru Key Pressure Control, test lines to 5000 psi(test ok), Pump 50 bbls of brine, drop 1" ball and pump 80 bbls brine and seat same in pump out sub, set packers and pressure up to 2600 psi and hold same for 5 min. Set packers at 1600 psi, 1800 psi, 2000 psi, 2200 psi and raise pressure to 2600 psi and hold for 5 min. Pump 1000 psi on backside to test RSBP(test ok) Pull test to 30K and setdn wt test to 25K(test ok)rigdn Key Circulate gas and oil out, load hole with clean 10# brine Safety meeting and ru Express laydn machine and laydn drill pipe and rigdn Weatherford 4.5 swivel and load out same and rigdn laydn machine. Safety meeting with Man Welding crew and Key personel for nipple down procedure. Peak Completion assembly and liner tally is BHA located after rpt #64.

11/03/2007 Daily Cost: \$45,841

COMP Cumulative Costs: \$4,133,367

AFE: 257073 Present Operation: TIH with drill pipe to land liner

DFS: 69 TOH with JA reamer assembly and laydn same Safety meeting and rig up Express pick up machine PU Peak Completion assembly w/3 1/2" csg liner(4,200' total of liner assembly,details of same on tomorrows report after landing same) Rigdm pu machine TIH with drill pipe to land liner, circulate as needed displacing kill mud to keep circulating pressures below setting pressures of packers Current depth of bottom of liner is 8,171'.

11/03/2007 Depth 15,500 Daily Cost: \$21,158

DRLG Progress 0 Cumulative Costs: \$4,133,367

AFE: 257073 Present Operation: TIH with drill pipe to land liner

DFS: 69 TOH with JA reamer assembly and laydn same Safety meeting and rig up Express pick up machine PU Peak Completion assembly w/3 1/2" csg liner(4,200' total of liner assembly,details of same on tomorrows report after landing same) Rigdm pu machine TIH with drill pipe to land liner, circulate as needed displacing kill mud to keep circulating pressures below setting pressures of packers Current depth of bottom of liner is 8,171'.

11/02/2007 Daily Cost: \$29,127

COMP Cumulative Costs: \$4,066,368

AFE: 257073 Present Operation: TOH w/rmr assembly

DFS: 68 Washing and reaming lateral hole with JA reamer assembly 14,800 - 15,500' (hole drag at minimal levels 15,000 lbs up drag and 20,000 lbs down drag, torque at 3000-6000 ft lbs. No hole problems last 24 hours.  
 Pump sweeps and circulate  
 TOH to 11,280' and trip in hole with Peak Completion hand monitoring drag for information (hole drag within acceptable limits to run liner)  
 Pump sweeps and circulate  
 TOH to 11,280'  
 Pump kill mud, pump 325 bbls of 12.6 ppg mud followed by 125 bbls of 14 ppg mud(well static)  
 TOH with rmr assembly to run liner

11/02/2007 Depth 15,500 Daily Cost: \$5,933

DRLG Progress 0 Cumulative Costs: \$4,066,368

AFE: 257073 Present Operation: TOH w/rmr assembly

**CIMAREX ENERGY CO****429825-006.01 CIMAREX UNIVERSITY 20-44 1H**

County, St: Ward, TX

Location:

Spud Date: 08/26/2007 W.I. Pct BCP: 50.00 %

Formation: W.I. Pct ACP: 50.00 %

Prop Depth: 11750 Sec/TS/Rng: 44

DFS: 68 Washing and reaming lateral hole with JA reamer assembly 14,800 - 15,500' (hole drag at minimal levels 15,000 lbs up drag and 20,000 lbs down drag, torque at 3000-6000 ft lbs. No hole problems last 24 hours.  
 Pump sweeps and circulate  
 TOH to 11,280' and trip in hole with Peak Completion hand monitoring drag for information (hole drag within acceptable limits to run liner)  
 Pump sweeps and circulate  
 TOH to 11,280'  
 Pump kill mud, pump 325 bbls of 12.6 ppg mud followed by 125 bbls of 14 ppg mud(well static)  
 TOH with rmr assembly to run liner

11/01/2007 Daily Cost: \$29,127

COMP Cumulative Costs: \$4,031,308

AFE: 257073 Present Operation: Reaming lateral hole

DFS: 67 Washing and reaming lateral hole with JA reamer assembly 12,700 - 14,800' (hole drag at minimal levels 5,000 lbs up drag and 20,000 lbs down drag, torque at 3000-5000 ft lbs. No hole problems last 24 hours.

11/01/2007 Depth 15,500 Daily Cost: \$5,933

DRLG Progress 0 Cumulative Costs: \$4,031,308

AFE: 257073 Present Operation: Reaming lateral hole

DFS: 67 Washing and reaming lateral hole with JA reamer assembly 12,700 - 14,800' (hole drag at minimal levels 5,000 lbs up drag and 20,000 lbs down drag, torque at 3000-5000 ft lbs. No hole problems last 24 hours.

10/31/2007 Daily Cost: \$47,021

COMP Cumulative Costs: \$3,996,248

AFE: 257073 Present Operation: Reaming Hole

DFS: 66 T.I.H. with mills. Displace kill mud. Finish T.I.H. T/ 11,387' top reamer. Ream hole F/ 11,469 T/ 12,700 ( torque is very low only between 3 & 4,000 foot pounds ).

10/31/2007 Depth 12,700 Daily Cost: \$14,863

DRLG Progress 0 Cumulative Costs: \$3,996,248

AFE: 257073 Present Operation: Reaming Hole

DFS: 66 T.I.H. with mills. Displace kill mud. Finish T.I.H. T/ 11,387' top reamer. Ream hole F/ 11,469 T/ 12,700 ( torque is very low only between 3 & 4,000 foot pounds ).

10/30/2007 Depth 15,500 Daily Cost: \$42,975

DRLG Progress 74 Cumulative Costs: \$3,934,364

AFE: 257073 Present Operation: T.I.H. W/ Mills to ream hole

DFS: 65 Rotate F/ 15426 T/ 15500 TD ( 10' flare while drilling, no oil skimmed to speak of)  
 Pump sweep wait 15 mins pump another & circulate around  
 L/D pipe  
 Rig up laydown machine  
 Laydown 132 jts of DP  
 Pump kill mud 12.5 ppg  
 T.O.H. 176 stands  
 Laydown BHA # 9  
 Pick up mills  
 T.I.H.

10/29/2007 Depth 15,426 Daily Cost: \$44,846

DRLG Progress 107 Cumulative Costs: \$3,891,389

AFE: 257073 Present Operation: Rot drilling at 19' per hr

DFS: 64 TIH(fill pipe and break circ every 3 rows) RU new unit for Weatherford power swivel TIH and wash and ream thru bridges at 14,350'-14,400' and at 14,730'-14,810' and at 14,902'-15,299' Re-log 15,299 - 15,319' Wait on orders per geologist Rot drill 15,319 - 15,327' WOB-25K, RPM-60, GPM-205 Conn and survey, work pipe to orient same for slide(pump lubricants) Slide drill 15,327 - 15,337' WOB-80K, GTF-140L, GPM-205\_Rot drill 15,337' - 15,390' WOB-25K, RPM-60, GPM-205 Conn and surveys, work pipe to orient same for slide(pump lubricants) Slide drill 15,390 - 15,398' WOB-80K, GTF-140L, GPM-205\_Rot drill 15,398 - 15,426' WOB-25K, RPM-60, GPM-205 NOTE:Latest total depth change is at 15,500' tvd. Pump polymer viscous sweeps with beads, ez glide, graphite and soap as needed to help with hole drag. Drilling thru 1 9/16" choke 1/3 open with 50-225 psi csg pressure. Max shut-in pressure last 24 hrs was 250 psi, flare at 5-15'. Max gas at 1527 units at 15,320'.

10/28/2007 Depth 15,319 Daily Cost: \$58,653

DRLG Progress 69 Cumulative Costs: \$3,846,543

AFE: 257073 Present Operation: TIH with bit #8

**CIMAREX ENERGY CO****429825-006.01 CIMAREX UNIVERSITY 20-44 1H**

County, St: Ward, TX

Location:

Spud Date: 08/26/2007 W.I. Pct BCP: 50.00 %

Formation: W.I. Pct ACP: 50.00 %

Prop Depth: 11750 Sec/TS/Rng: 44

DFS:	63	Rot drill 15,250 - 15,256' WOB-25K, RPM-60, GPM-205 Conn and survey, orient pipe for slide(pump lubricants) Slide drill 15,256 - 15,262' WOB-80K, GTF-70R, GPM-205_Rot drill 15,262 - 15,319' WOB-25K, RPM-60, GPM-205 Circulate fro bit trip due to penetration rate TOH to 11,280'(inside 7" csg) Pump 325 bbls of 12.6 ppg mud followed by 125 bbls of 13.8 ppg mud to kill well(well static). Slip and cut 80' of drill line while circ. TOH C/O bottom hole assembly and test mwd and mud motor(test ok) TIH(fill pipe and break circulation every 3 rows) Pump polymer viscous sweeps with beads, ez glide, graphite and soap as needed to help with hole drag. Drilling thru 1 9/16" choke 1/3 open with 50-225 psi csg pressure. Max shut-in pressure last 24 hrs was 250 psi, flare at 5-15'. Max gas at 1327 units at 15,096'.			
10/27/2007		Depth	15,250	Daily Cost:	\$51,356
DRLG		Progress	276	Cumulative Costs:	\$3,787,890
AFE:	257073	Present Operation:	Rot drilling at 16' per hr		
DFS:	62	Rot drill 14,974 - 15,001' WOB-25K, RPM-60, GPM-205_Slide drill 15,001 - 15,011' WOB-80K, GTF-140L, GPM-205 Conn and surveys-2 Rot drill 15,011 - 15,032' WOB-25K, RPM-60, GPM-205_Slide drill 15,032 - 15,037' WOB-80K, GTF-160L, GPM-205 Conn and survey and pump lubricant Rot drill 15,037 - 15,064' WOB-25K, RPM-60, GPM-205 Conn and survey, work pipe to orient for slide(pump lubricants) Slide drill 15,064 - 15,074' WOB-80K, GTF-180, GPM-205_Rot drill 15,074 - 15,096' WOB-25K, RPM-60, GPM-205 Conn and surveys-2 (work pipe to orient for slides and pump lubricants) Slide drill 15,096 - 15,111' WOB-80K, GTF-180, GPM-205_Rot drill 15,111 - 15,144' WOB-25K, RPM-60, GPM-205 Conn and surveys(work pipe to orient for slides and pump lubricants) Slide drill 15,144 - 15,152' WOB-80K, GTF-30R, GPM-205_Rot drill 15,152 - 15,234' WOB-25K, RPM-60, GPM-205 Slide drill 15,234 - 15,242' WOB-80K, GTF-30R, GPM-205_Rot drill 15,242 - 15,250' WOB-25K, RPM-60, GPM-205 Pump polymer viscous sweeps with beads, ez glide, graphite and soap as needed to help with hole drag. Drilling thru 1 9/16" choke 1/3 open with 50-225 psi csg pressure. Max shut-in pressure last 24 hrs was 250 psi, flare at 5-15'. Max gas at 1327 units at 15,096'.			
10/26/2007		Depth	14,974	Daily Cost:	\$63,326
DRLG		Progress	290	Cumulative Costs:	\$3,736,534
AFE:	257073	Present Operation:	Slide drilling at 12' per hr		
DFS:	61	Slide drill 14,684 - 14,689' WOB-80K, GTF-130L, GPM-205_Rot drill 14,689 - 14,714' WOB-25K, RPM-60, GPM-205 Work pipe and orient tool face to slide(pump lubricants) Slide drill 14,714 - 14,720' WOB-80K, GTF-40L, GPM-205_Rot drill 14,720 - 14,746' WOB-25K, RPM-60, GPM-205 Work pipe and orient tool face to slide(pump lubricants) Slide drill 14,746 - 14,753' WOB-80K, GTF-30L, GPM-205_Rot drill 14,753 - 14,778' WOB-25K, RPM-60, GPM-205 Work pipe and orient tool face to slide(pump lubricants) Slide drill 14,778 - 14,788' WOB-80K, GTF-30L, GPM-205_Rot drill 14,788 - 14,810' WOB-25K, RPM-60, GPM-205 Work pipe and orient tool face to slide(pump lubricants) and work on pumps(change valve cap gasket, change pumps) Slide drill 14,810 - 14,822' WOB-80K, GTF-30L, GPM-205_Rot drill 14,822 - 14,842' WOB-25K, RPM-60, GPM-205 Work pipe and orient tool face to slide(pump lubricants) Slide drill 14,842 - 14,850' WOB-80K, GTF-50L, GPM-205_Rot drill 14,850 - 14,873' WOB-25K, RPM-60, GPM-205 Work pipe and orient tool face to slide(pump lubricants) Slide drill 14,873 - 14,881' WOB-80K, GTF-90L, GPM-205_Rot drill 14,881 - 14,905' WOB-25K, RPM-60, GPM-205 Slide drill 14,905 - 14,913' WOB-80K, GTF-140L, GPM-205_Rot drill 14,913 - 14,937' WOB-25K, RPM-60, GPM-205 Slide drill 14,937 - 14,947' WOB-80K, GTF-140L, GPM-205_Rot drill 14,947 - 14,969' WOB-25K, RPM-60, GPM-205 Slide drill 14,969 - 14,974' WOB-80K, GTF-140L, GPM-205 Pump polymer viscous sweeps with beads, ez glide, graphite and soap as needed to help with hole drag. Drilling thru 1 9/16" choke 1/3 open with 50-150 psi csg pressure. Max shut-in pressure last 24 hrs was 150 psi, flare at 5-15'. Max gas at 1694 units at 14,702'.			
10/25/2007		Depth	14,684	Daily Cost:	\$62,255
DRLG		Progress	112	Cumulative Costs:	\$3,673,208
AFE:	257073	Present Operation:	Orienting tool face to slide drill		
DFS:	60	MU bottom hole assembly #8 and test same(test ok) TIH(fill pipe every 3 rows and break circulation) PU swivel and break circulation Re-log 14,490 - 14,572' Wait on orders per geologist Slide drill 14,572 - 14,574' WOB-80K, GTF-120L, GPM-205 Rot drill 14,574 - 14,607' WOB-25K, RPM-60, GPM-205 Slide drill 14,572 - 14,574' WOB-80K, GTF-120L, GPM-205 Rot drill 14,574 - 14,607' WOB-25K, RPM-60, GPM-205 Slide drill 14,572 - 14,574' WOB-80K, GTF-120L, GPM-205 Rot drill 14,574 - 14,607' WOB-25K, RPM-60, GPM-205 Work tool face to slide drill (Latest target centerline changes suggests need to drop tvd 5' and drop azimuth from 56.40 to 50 at current depth) Pump polymer viscous sweeps with beads, ez glide, graphite and soap as needed to help with hole drag. Drilling thru 1 9/16" choke 1/3 open with 50-150 psi csg pressure. Max shut-in pressure last 24 hrs was 150 psi, flare at 5-15'. Max gas at 1237 units at 14,604'.			
10/24/2007		Depth	14,572	Daily Cost:	\$51,566
DRLG		Progress	0	Cumulative Costs:	\$3,610,953
AFE:	257073	Present Operation:	MU BHA #8		
DFS:	59	Trip out of hole to 11,280' for mwd failure (inside 7" csg) Wait on wireline truck Safety meeting and rig up Craft Wireline and retrieve mwd tool, and run in and seat new one(test same, test ok)rigdn wireline truck TIH Laydn 6-jts drill pipe and pu swivel and wash and ream 14,375 - 14,495'(bridge at 14,375 - 14,415') Work on mwd, check surface equipment and circulate gas out Trip out of hole to 11,280' for mwd failure (inside 7" csg) Pump 325 bbls of 12.6 ppg kill mud followed by 125 bbls of 13.8 ppg kill mud(well static) TOH Laydn mud motor, float subs and mwd and mu bottom hole assembly #8 Pump polymer viscous sweeps with beads, ez glide, graphite and soap as needed to help with hole drag. Drilling thru 1 9/16" choke 1/3 open with 50-150 psi csg pressure. Max shut-in pressure last 24 hrs was 150 psi, flare at 5-15'. Max gas at 1320 units at 14,572'.			



**CIMAREX ENERGY CO****429825-006.01 CIMAREX UNIVERSITY 20-44 1H**

County, St: Ward, TX

Location:

Spud Date: 08/26/2007 W.I. Pct BCP: 50.00 %  
 Formation: W.I. Pct ACP: 50.00 %  
 Prop Depth: 11750 Sec/TS/Rng: 44

10/23/2007	Depth	14,572	Daily Cost:	\$61,436
DRLG	Progress	45	Cumulative Costs:	\$3,559,387
AFE: 257073	Present Operation:	TOH for mwd failure		
DFS: 58	<p>Rot drill 14,527 - 14,554' WOB-25K, RPM-60, GPM-205, ROP=13.5 ft per hr Conn and survey Slide drill 14,554 - 14,557' WOB-80K, GTF-150R, GPM-205, ROP=6 ft per hr Rot drill 14,557 - 14,570' WOB-25K, RPM-60, GPM-205, ROP=13 ft per hr Slide drill 14,570 - 14,572' WOB-80K, GTF-10L, GPM-205, ROP=4 ft per hr Laydn 4-jts drill pipe and re-log per geologist orders(14,467 - 14,470' and 14,427 - 14,522')gamma stuck on 18 counts while re-logging Set swivel back and trip out of hole to 11,280' for mwd failure (inside 7" csg) Safety meeting and rig up Apollo Wireline and retrieve mwd tool, and run in and seat new one(test same, test ok)rigdn wireline truck TIH Re-logging 14,490 - 14,572', mwd quit working(bad electronics) Set swivel to trip out of hole to 7" csg New PBHL= North=2589', East=3520', VS=4367' No hole problems during trip, pump polymer viscous sweeps with beads, ez glide, graphite and soap as needed to help with hole drag. Drilling thru 1 9/16" choke 1/3 open with 50-150 psi csg pressure. Max shut-in pressure last 24 hrs was 150 psi, flare at 5-15'. Max gas at 2013 units at 14,572'. NOTE:S&amp;W transported 370 bbls of oil to storage 9-22-07</p>			
10/22/2007	Depth	14,527	Daily Cost:	\$47,628
DRLG	Progress	9	Cumulative Costs:	\$3,497,951
AFE: 257073	Present Operation:	Slide drilling at 6-7' per hr		
DFS: 57	<p>Rot drill 14,511 - 14,518' WOB-25K, RPM-60, GPM-205 TOH to 11,310'(differential pressure too high) Pump 300 bbls of 12.4 ppg mud followed by 125 bbls of 13.8 mud to kill well(well static) TOH(bearing out of mud motor) MU BHA #7 and test mud motor and mwd(test ok) TIH(fill pipe and break circulation every 3 rows) Displace kill mud with brine at 11,310' TIH PU swivel and break circulation Re-log 14,498 - 14,518' Rot drill 14,518 - 14,522' WOB-25K, RPM-60, GPM-205 Slide drill 14,522 - 14,527' WOB-80K, GPM-205 NOTE: approx. 450 bbls of oil skimmed and ready to be trucked to storage last 48 hrs. No hole problems during trip, pump polymer viscous sweeps with beads and soap as needed to help with hole drag. Drilling thru 1 9/16" choke 1/3 open with 50-150 psi csg pressure. Max shut-in pressure last 24 hrs was 150 psi, flare at 5-15'. Max gas at 2340 units at 14,518'.</p>			
10/21/2007	Depth	14,518	Daily Cost:	\$42,168
DRLG	Progress	263	Cumulative Costs:	\$3,450,323
AFE: 257073	Present Operation:	Rot drilling at 17' per hr		
DFS: 56	<p>Re-log 14,200 - 14,255' Circulate(wait on orders, per geologist) Slide drill 14,255 - 14,260' WOB-80K, GTF-20R, GPM-205=10' per hr Rot drill 14,260 - 14,333' WOB-25K, RPM-60, GPM-205=18.2' per hr Conn and survey Slide drill 14,333 - 14,338' WOB-80K, GTF-140R, GPM-205=10' per hr Rot drill 14,338 - 14,364' WOB-25K, RPM-60, GPM-205=17.3' per hr Wash and ream thru tight spot Slide drill 14,364 - 14,369' WOB-80K, GTF-14R, GPM-205=5' per hr Rot drill 14,369 - 14,471' WOB-25K, RPM-60, GPM-205=14.6' per hr Slide drill 14,471 - 14,474' WOB-80K, GTF-17R, GPM-205=3' per hr Rot drill 14,474 - 14,518' WOB-25K, RPM-60, GPM-205=12.6' per hr NOTE:approx 400 bbls of oil skimmed in last 36 hours ready to be taken to storage or sold. Tight spot at 14,364 - 14,369',. Wash and ream thru same and pump polymer viscous sweeps with beads and soap as needed for same. Drilling thru 1 9/16" choke 1/3 open with 50-150 psi csg pressure. Max shut-in pressure last 24 hrs was 150 psi, flare at 5-15'. Max gas at 1611 units at 14,378'.</p>			
10/20/2007	Depth	14,255	Daily Cost:	\$65,006
DRLG	Progress	0	Cumulative Costs:	\$3,408,155
AFE: 257073	Present Operation:	Re-logging		
DFS: 55	<p>Circulate TOH to 11,300'(inside 7" csg) Safety meeting and rig up Craft Wireline Service and retrieve mwd, run in and wireline seat new one. Check same(had a hard time getting same to test). TIH with 10 stds and check mwd in formation(no pulse) TOH to 11,300'(inside 7" csg) Safety meeting and rig up Craft Wireline Service and retrieve mwd, run in and wireline seat new one. Check same(good test). Rigdn wireline truck. TIH to 14,047' Re-logging 14,047 - 14,200' No hole problems last 24 hrs. Drilling thru 1 9/16" choke 1/3 open with 50-150 psi csg pressure. Max shut-in pressure last 24 hrs was 150 psi, flare at 5-15'. Max gas at 1236 units.</p>			
10/19/2007	Depth	14,255	Daily Cost:	\$52,983
DRLG	Progress	145	Cumulative Costs:	\$3,343,149
AFE: 257073	Present Operation:	Circulating for mwd problems		
DFS: 54	<p>Wait on wireline truck to retrieve mwd Safety meeting and rig up Apollo Wireline, run in and retrieve mwd, run in and seat new one, test same(good pulse)rigdn wire line truck TIH PU swivel and break circ Re-log 14,057 - 14,110' Rot drill 14,110 - 14,125' WOB-25K, RPM-60, GPM-205 Re-log 14,110 - 14,125' Rot drill 14,125 - 14,152' WOB-25K, RPM-60, GPM-205 Slide drill 14,152 - 14,157' WOB-80K, GTF-20R, GPM-205 Rot drill 14,157 - 14,252' WOB-25K, RPM-60, GPM-205 Slide drill 14,252 - 14,255' WOB-80K, GTF-170R, GPM-205 Re-log 14,142 - 14,255' mwd tool gamma counts off No hole problems last 24 hrs. Drilling thru 1 9/16" choke 1/3 open with 50-150 psi csg pressure. Max shut-in pressure last 24 hrs was 150 psi, flare at 5-15'. Max gas</p>			
10/18/2007	Depth	14,110	Daily Cost:	\$41,621
DRLG	Progress	108	Cumulative Costs:	\$3,290,166
AFE: 257073	Present Operation:	Waiting on Wireline		
DFS: 53	<p>Circulate gas out Relog F/ 13902 T/ 14002 Wait on orders Rotate F/ 14002 T/ 14079 Connection &amp; survey Drilling F/ 14079 T/ 14091 Work with MWD Rotate F/ 14091 T/ 14110 Pump Sweep &amp; circulate Around Pull up into CSG Circulate Wait on wireline (while drilling we had a 10' flare,we skimmed 61 bbls of oil last 24 hrs)</p>			



**CIMAREX ENERGY CO****429825-006.01 CIMAREX UNIVERSITY 20-44 1H**

County, St: Ward, TX

Location:

Spud Date: 08/26/2007 W.I. Pct BCP: 50.00 %

Formation: W.I. Pct ACP: 50.00 %

Prop Depth: 11750 Sec/TS/Rng: 44

10/17/2007	Depth	14,002	Daily Cost:	\$59,908
DRLG	Progress	0	Cumulative Costs:	\$3,248,545
AFE: 257073	Present Operation:	Breaking circulation		
DFS: 52	Circulate sweep Tripp up into CSG Pump 12 # kill mud T.O.H. for BHA # 6 ( MWD Failure) P/U BHA # 6 Redress MWD & test Change valve on seperator T.I.H. to window Change rotating head Displace kill mud with 9.6 brine T.I.H. last 42 stands P/U swivel & break circulation			
10/16/2007	Depth	14,002	Daily Cost:	\$64,452
DRLG	Progress	392	Cumulative Costs:	\$3,188,637
AFE: 257073	Present Operation:	Circulate sweep(T.O.H. F/ MWD failure)		
DFS: 51	Drilling F/ 13610 T/ 13633 Connection & Survey Drilling F/ 13633 T/ 13824 (Rotary footage 181, slide footage 10') Connection & Survey Drilling F/ 13824 T/ 13858 (Rotary footage 31,slide footage 3') Repair busted hose on power swivel Drilling F/13858 T/ 13974 (Rotary footage 148, slide footage 13') Work on MWD Rotate F/ 13974 T/ 14002 ( drilling with a 10-15' flare, we skimmed 220 bbls of oil last 24 hrs) MWD failure circulate sweep			
10/15/2007	Depth	13,610	Daily Cost:	\$56,654
DRLG	Progress	451	Cumulative Costs:	\$3,124,185
AFE: 257073	Present Operation:	Drlg ahead on latteral		
DFS: 50	Drilling F/ 13159 T/ 13283 ( Rotary footage 113,slide footage 11') Connection & survey Drilling F/ 13283 T/ 13570 ( Rotary footage 268, slide footage 19') Connection & survey Slide F/ 13570 T/ 13575 Rotate F/ 13575 T/ 13610 (we are drilling with a 10-15'flare, 50% choke W/ 75lbs back pressure & we skimmed no oil)			
10/14/2007	Depth	13,159	Daily Cost:	\$54,618
DRLG	Progress	88	Cumulative Costs:	\$3,067,531
AFE: 257073	Present Operation:	Drilling ahead on latteral		
DFS: 49	T.O.H. Make up BHA # 5 test T.I.H. T/ window & fill every 3 rows Displace kill mud with 9.6 lb brine Trip to 12997 P/U swivel & break circulation Change out rotating head gasket Relog F/ 12997 T/ 13071 Wait on orders Rotate F/ 13071 T/ 13123 Connection & survey Rotate F/ 13123 T/ 13159 (we are drilling W/ a 10-15' flare, we skimmed 420 bbls last 24 hrs)			
10/13/2007	Depth	13,071	Daily Cost:	\$60,331
DRLG	Progress	230	Cumulative Costs:	\$3,012,913
AFE: 257073	Present Operation:	Tripping for MWD Failure		
DFS: 48	Drilling F/ 12841 T/ 12937 ( Rotary footage 81, slide footage 15') Connection & Survey Drilling F/ 12937 T/ 12974 ( Rotary footge 22, slide footage 15') work on power swivel Rotary drilling F/ 12974 T/ 13064 Connection & Survey Slide F/ 13064 T/ 13071 Work with MWD ( gamma spike to 255 ) Pump sweep & circulate around Set swivel back & trip 28 stands out of hole ( up into csg ) Circulate & wait on Mechanic Replace drum chain in drawworks Pump kill mud T.O.H. ( MWD failure ) skimmed 40 bbls of oil last 24 hrs			
10/12/2007	Depth	12,841	Daily Cost:	\$50,520
DRLG	Progress	445	Cumulative Costs:	\$2,952,582
AFE: 257073	Present Operation:	Drlg ahead on latteral sec		
DFS: 47	Wait on orders F/ Kim N. Drlg F/ 12396 T/ 12428 Work on flare igniter Rotate F/ 12428 T/ 12523 Connection & Survey Drilling F/ 12523 T/ 12556 ( Rotary footage 27, Slide footage 6 ) Work on pumps Drilling F/ 12556 T/ 12573 Wait on orders Drilling F/ 12573 T/ 12810 ( Rotary footage 228 Slide Footage 9') Connection & Survey Drilling F/ 12810 T/ 12841 ( drilling with a 10-15' flare, we skimmed 220 bbls of oil in the last 24 hrs)			
10/11/2007	Depth	12,396	Daily Cost:	\$49,355
DRLG	Progress	0	Cumulative Costs:	\$2,902,062
AFE: 257073	Present Operation:	Wait on orders		
DFS: 46	Pump 12 # kill mud T.O.H. P/U BHA # 4 & test T.I.H. & fill every 30 stands ( to top of window) Circulate & displace kill mud P/U 4.5 swivel Finish T.I.H. Relog F/ 12,283' T/ 12,396 Wait on Black Viper to send relog data to Kim N. and Kim to let us know what to do			
10/10/2007	Depth	12,396	Daily Cost:	\$48,096
DRLG	Progress	296	Cumulative Costs:	\$2,852,707
AFE: 257073	Present Operation:	Tripping out ( gamma failure )		
DFS: 45	Rotate F/ 12100 T/ 12200 Connection & survey Drilling F/ 12,200' T/ 12,326' ( Rotary footage 114', slide footage 13') Connection & survey Drilling F/ 12,326' T/ 12,396' ( Rotary footage 67', slide footage 3') drilling with a 15-20' flare & last 24 hrs we skimmed 150 bbls of oil Pump sweeps & circulate around Set swivel back & pull up into csg Pump kill mud			
10/09/2007	Depth	12,100	Daily Cost:	\$50,319
DRLG	Progress	305	Cumulative Costs:	\$2,804,611
AFE: 257073	Present Operation:	Drilling ahead on latteral		

**CIMAREX ENERGY CO****429825-006.01 CIMAREX UNIVERSITY 20-44 1H**

County, St: Ward, TX

Location:

Spud Date: 08/26/2007 W.I. Pct BCP: 50.00 %

Formation: W.I. Pct ACP: 50.00 %

Prop Depth: 11750 Sec/TS/Rng: 44

DFS: 44 Drilling F/ 11795 T/ 11850 ( Rotary footage 51, Slide footage 4') Work on Power swivel & replace air dryer on rig Drilling F/ 11850 T/ 11882 ( Rotary footage 27, Slide footage 5') Work on Power swivel Drilling F/ 11882 T/ 11914 ( Rotary footage 29, Slide footage 3') Connection & survey Drilling F/ 11914 T/ 11999 ( Rotary footage 73, Slide footage 12') Change swab in pump Drilling F/ 11999 T/ 12073 ( Rotary footage 70, Slide footage 4') Connection & survey Rotary drlg F/ 12073 T/ 12100 ( drilling W/ 15' flare, and last 24 Hrs we skimmed 135 bbls of oil )

10/08/2007 Depth 11,795 Daily Cost: \$40,383

DRLG Progress 159 Cumulative Costs: \$2,754,292

AFE: 257073 Present Operation: Rot drill at 10-16' per hr

DFS: 43 Slide drill 11,636 - 11,638' WOB-35K, GTF-20L, GPM-220 Rot drill 11,638 - 11,643' WOB-8K, RPM-25, GPM-220 Slide drill 11,643 - 11,659' WOB-35K, GTF-10L, GPM-220 Conn and survey Slide drill 11,659 - 11,679' WOB-35K, GTF-HS, GPM-220 Slide drill 11,679 - 11,706' WOB-30K, GTF-10R, GPM-220 Rot drill 11,706 - 11,726' WOB-10K, RPM-25, GPM-220 Slide drill 11,726 - 11,736' WOB-30K, GTF-20R, GPM-220 Rot drill 11,736 - 11,760' WOB-12K, RPM-45, GPM-220 Slide drill 11,760 - 11,770' WOB-30K, GTF-20R, GPM-220 Rot drill 11,770 - 11,795' WOB-12K, RPM-45, GPM-220 No hole problems. Since 11,690' drilling with a approx. 5-10' flare with fair oil cut w/brt yllw florescence.

10/07/2007 Depth 11,636 Daily Cost: \$47,418

DRLG Progress 48 Cumulative Costs: \$2,713,909

AFE: 257073 Present Operation: Slide drilling at 6' per hr

DFS: 42 Slide drill 11,588 - 11,595' WOB-35K, GTF-HS, GPM-220 Conn and survey Slide drill 11,595 - 11,610' WOB-35K, GTF-HS, GPM-220 Circulate and check shot survey TOH to pick up lateral assembly C/O mud motor and bit and surface test mwd and mm(test ok) TIH to 11,330'(fill pipe every 3-rows) C.D.L.(80') Rig repair(repair hydraulic clutch on fan on motor) Work on and install bearing pack TIH Wash and ream to bottom(no fill) Slide drill 11,610 - 11,636' WOB-35K, GTF-10L, GPM-220' No problems during trip f/lateral assembly.

10/06/2007 Depth 11,588 Daily Cost: \$46,158

DRLG Progress 116 Cumulative Costs: \$2,666,491

AFE: 257073 Present Operation: Slide drilling at 4' per hr

DFS: 41 Slide drill 11,472 - 11,500' WOB-35K, GTF-20L, GPM-220 Conn and survey Slide drill 11,500 - 11,510' WOB-35K, GTF-10L, GPM-220 Slide drill 11,510 - 11,563' WOB-35K, GTF-HS, GPM-220 Conn and survey Slide drill 11,563 - 11,588' WOB-35K, GTF-HS, GPM-220 No hole problems EOC is projected at 11,700'MD

10/05/2007 Depth 11,472 Daily Cost: \$43,953

DRLG Progress 55 Cumulative Costs: \$2,620,333

AFE: 257073 Present Operation: Slide drilling at 4' per hr

DFS: 40 Circulate TOH to dial mud motor down Change out bit, dial mud motor down from 3.76\* do 2.29\*, change out mwd(test mwd and mud motor, test ok) TIH(fill pipe every 3 rows) PU swivel and wash and ream to bottom(no fill) Slide drill 11,417 - 11,468' WOB-35K, GTF-HS, GPM-220 Conn and survey Slide drill 11,468 - 11,472' WOB-35K, GTF-HS, GPM-220 No problems during trip. Show in sandstone from 11,424 - 11,432' Slight increase in gas and fair oil cut.

10/04/2007 Depth 11,417 Daily Cost: \$118,293

DRLG Progress 61 Cumulative Costs: \$2,576,380

AFE: 257073 Present Operation: Circulating to trip to dial mud motor down

DFS: 39 TIH(fill pipe every 3 rows) Pu 4-jts off racks, pu swivel and break circulation RU and run Gyro, check seats 195,196, 195, 195 and 193 Slide drill 11,361 - 11,375' WOB-30K, Gyro TF-56, GPM-220 Gyro connection Slide drill 11,375 - 11,407' WOB-30K, Gyro TF-56, GPM-220 Pull Gyro out of hole and rigdn wireline truck Slide drill 11,407 - 11,417' WOB-30K, GTF-HS, GPM-220 At 6:00 a.m. we started circulating to trip out of the hole to dial the mud motor down(build rate too strong).

10/03/2007 Depth 11,356 Daily Cost: \$90,500

DRLG Progress 0 Cumulative Costs: \$2,458,087

AFE: 257073 Present Operation: TIH with curve assembly

DFS: 38 TIH w/ Weatherford quick cut, type 5 1/2" whipstock ser. #C-117711(whipstock has a retrieving slot)with 6 1/8" mill assembly (fill pipe every 40 stds) SM and ru Gyro Wireline truck and RIH and check seats and set whipstock (set slips with 4K and shear off bolt and whipstock w/45K, window on whipstock set at 56.96 azmth (wanted 55.6 azmth). Pull Gyro out of hole. PU swivel(install bearing pack)cut window in csg, ream out same (csg window at 11,345 - 11,356').Cut 5' of formation 11,356 - 11,361' No problems during cutting of window in csg procedure, but formation cut slow. Pumps sweeps and circulate same out of hole Set back swivel, remove bearing pack and trip out of hole w/whipstock setting assembly Laydn 6-drill collars, jt heavy wt and tools(6 1/8" mills still in good shape) PU Black Viper curve assembly and surface test mwd and mud motor(test ok) TIH(fill pipe every 60 stds)

10/02/2007 Depth 11,365 Daily Cost: \$42,903

DRLG Progress 0 Cumulative Costs: \$2,367,587

AFE: 257073 Present Operation: TIH with whipstock

DFS: 37 PU drill pipe and run in hole with mill assembly to check CIBP and rigdn pu machine Tag up on CIBP and set down 20K on same(good test) TOH and laydn mill assembly SM and pu Weatherford quick cut, type 5 1/2" whipstock ser. #C-117711(whipstock has a retrieving slot)with 6 1/8" mill assembly and trip in hole with same (fill pipe every 40 stds) Note: suspect, when whipstock is drilled out top of window will be at 11,346' and bottom at 11,357' Current depth of whipstock is 11,000'

**CIMAREX ENERGY CO****429825-006.01 CIMAREX UNIVERSITY 20-44 1H**

County, St: Ward, TX

Location:

Spud Date: 08/26/2007 W.I. Pct BCP: 50.00 %

Formation: W.I. Pct ACP: 50.00 %

Prop Depth: 11750 Sec/TS/Rng: 44

10/01/2007	Depth	11,850	Daily Cost:	\$104,921
DRLG	Progress	0	Cumulative Costs:	\$2,324,684
AFE:	257073	Present Operation:	TIH with tag mill assembly	
DFS:	36	Safety meeting, inspect rig and prime pumps. SM & NU 7 1/16" x 5m stack with 10m manifold furnished by Knight Oil Tool and rig up a gas separator furnished by McGuire Industries Safety meeting and rig up and test BOPE with Man Welding Tester as follows: Test rams, kill line and valves, manifold line and valves and all floor valves to 5,000 psi high and 250 psi low pressure test. Test annular to 2,500 psi high and 250 psi low pressure tests. All tests (ok) Run functional and operational test on accumulator (all tests ok) Rigdn tester SM, RU Apollo, run collar locator, gamma and 6" gauge ring, correlate gamma log with corrected gamma ray ccl log run by Halliburton, set CIBP furnished by Apollo with wireline truck at 11,365' (7' above csg collar @ 11,372') and rigdn wireline truck Slip and cut 84' of drill line Safety meeting and rig up Express pick-up machine and make up mill run assembly and pick up drill pipe. RIH to set down wt on CIBP and check same. Pradon Construction modified location and pits to fit Key rig. Pate Trucking moved rig off Howard 33-22 #2H well and onto this well 9-29-07 Butches set anchors for rig on 9-28-07 Fas-line lined reserve 9-28-07		
09/24/2007			Daily Cost:	\$33,035
COMP			Cumulative Costs:	\$2,219,763
AFE:	257073	Present Operation:	Rig Down	
DFS:	29	Lay Down Drill Pipe Out Of Derrick, In Mouse Hole, ST-80 Broke Down @ 6:00 AM, Had To Use Rig Tongs To Break Pipe Jet And Clean Trip Tank, Drain Separator Rig Down And Prepare Rig F/ Trucks RIG RELEASED AT 12:00 MIDNIGHT 9-23-07 Trucks Set Up To Move Rig WED. 9-26-07		
09/24/2007	Depth	11,850	Daily Cost:	\$84,688
DRLG	Progress	0	Cumulative Costs:	\$2,219,763
AFE:	257073	Present Operation:	Rig Down	
DFS:	29	Lay Down Drill Pipe Out Of Derrick, In Mouse Hole, ST-80 Broke Down @ 6:00 AM, Had To Use Rig Tongs To Break Pipe Jet And Clean Trip Tank, Drain Separator Rig Down And Prepare Rig F/ Trucks RIG RELEASED AT 12:00 MIDNIGHT 9-23-07 Trucks Set Up To Move Rig WED. 9-26-07		
09/23/2007			Daily Cost:	\$97,486
COMP			Cumulative Costs:	\$2,102,040
AFE:	257073	Present Operation:	Lay Down Drill Pipe Out Of Derrick	
DFS:	28	Circulate 7" Casing W/ Rig Pump,Full Returns, Had 10-15' Flare Pre-Job Satey Meeting, Rig Up Halliburton,Test Lines to 3000 Psi,Pump 20 BBI Fresh Water,12 BBI Super Flush,10 BBI Water, 600 sacks Lead, Interfill H-SBM, 0.8% HR-601,3 lbm Pheno Seal-Blend,0.125 Poly-E-Flake,Wt 11.9, Yield 2.5 Mixed @14.23 Gal SI Tail W/ 230 Sacks Super H SBM, 0.5% Halad@-344,0.25% D-Air 3000,0.4%CFR-3,1lbm Salt,5 lbm Gilsonite,0.125 lbm Poly-E-Flake 0.2% HR-5, Wt 13.2 Yield 1.61, Mixed @ 7.71 Gal/Sk, Drop Plug, displace W/ 450 BBI Fresh Water @ 7.5 BBI Min, Slowed to 3 BBI Min At 1800 Psi, Bump Plug,Pressure Up to 2300 Psi , Bled Off Pressure, Floats Held, F40Had Full Returns Through Job WOC Nipple Down BOP'S, Set Slips, 260,000# On Slips,Cut Off,Set BOP'S In Handler,Install Tubing Spool, Test Spool To 5000 PSI, OK Jet And Clean Pits Rig Up Lay Down Machine And Lay down Dill Pipe		
09/23/2007	Depth	11,850	Daily Cost:	\$906
DRLG	Progress	0	Cumulative Costs:	\$2,102,040
AFE:	257073	Present Operation:	Lay Down Drill Pipe Out Of Derrick	
DFS:	28	Circulate 7" Casing W/ Rig Pump,Full Returns, Had 10-15' Flare Pre-Job Satey Meeting, Rig Up Halliburton,Test Lines to 3000 Psi,Pump 20 BBI Fresh Water,12 BBI Super Flush,10 BBI Water, 600 sacks Lead, Interfill H-SBM, 0.8% HR-601,3 lbm Pheno Seal-Blend,0.125 Poly-E-Flake,Wt 11.9, Yield 2.5 Mixed @14.23 Gal SI Tail W/ 230 Sacks Super H SBM, 0.5% Halad@-344,0.25% D-Air 3000,0.4%CFR-3,1lbm Salt,5 lbm Gilsonite,0.125 lbm Poly-E-Flake 0.2% HR-5, Wt 13.2 Yield 1.61, Mixed @ 7.71 Gal/Sk, Drop Plug, displace W/ 450 BBI Fresh Water @ 7.5 BBI Min, Slowed to 3 BBI Min At 1800 Psi, Bump Plug,Pressure Up to 2300 Psi , Bled Off Pressure, Floats Held, F40Had Full Returns Through Job ,Had Full Returns Through Out Job, Plug Down @ 9:40CST WOC Nipple Down BOP'S, Set Slips, 260,000# On Slips,Cut Off,Set BOP'S In Handler,Install Tubing Spool, Test Spool To 5000 PSI, OK Jet And Clean Pits Rig Up Lay Down Machine And Lay down Dill Pipe		
09/22/2007			Daily Cost:	\$373,538
COMP			Cumulative Costs:	\$2,003,648
AFE:	257073	Present Operation:	Circulate 7" Casing	
DFS:	27	Break Kelly and Subs Rig Up Laydown Machine, Pre Job Saftey Meeting Lay Down HWDP, 29 Drill collars, Jars, Rig Up Bull Rogers Casing Crew Pre-Job Saftey Meeting Run 7" Casing Bull Rogers Tong Operater,Johnny Woodard,Was Knocked Off Stand And Hit Guard On Rotary Clutch, When Tongs Bit Backwards Wait On Ambulance,Med- Flight,To Odessa, TX, Wait On Operator F/ Bull Rogers, Saftey Meeting W/ Crews And New Operator Run 7" Casing, 178 Joints To 11850' Circulate W/ Rig Pump, Rig down Bull Rogers, Rig Up Halliburton Last Report Was Johnny Woodard Had 2 Broken ribs, Kept Over Night For Observation Rig On Completion Cost @ 6:00 AM CST 9-21-07 NOTIFIED DORIS w/ RAILROAD COMMISSION OF INTENT TO RUN CASING AND CEMENT		

**CIMAREX ENERGY CO****429825-006.01 CIMAREX UNIVERSITY 20-44 1H**

County, St: Ward, TX

Location:

Spud Date: 08/26/2007 W.I. Pct BCP: 50.00 %

Formation: W.I. Pct ACP: 50.00 %

Prop Depth: 11750 Sec/TS/Rng: 44

09/22/2007	Depth	11,850	Daily Cost:	\$14,861
DRLG	Progress	0	Cumulative Costs:	\$2,003,648
AFE: 257073	Present Operation:	Circulate 7" Casing		
DFS: 27	Break Kelly and Subs Rig Up Laydown Machine, Pre Job Saftey Meeting Lay Down HWDP, 29 Drill collars, Jars, Rig Up Bull Rogers Casing Crew Pre-Job Saftey Meeting Run 7" Casing Bull Rogers Tong Operater,Johnny Woodard,Was Knocked Off Stand And Hit Guard On Rotary Clutch, When Tongs Bit Backwards Wait On Ambulance,Med- Flight,To Odessa, TX, Wait On Operator F/ Bull Rogers, Saftey Meeting W/ Crews And New Operator Run 7" Casing, 178 Joints To 11850' Circulate W/ Rig Pump, Rig down Bull Rogers, Rig Up Halliburton Last Report Was Johnny Woodard Had 2 Broken ribs, Kept Over Night For Observation Rig On Completion Cost @ 6:00 AM CST 9-21-07 NOTIFIED DORIS w/ RAILROAD COMMISSION OF INTENT TO RUN CASING AND CEMENT			
09/21/2007	Depth	11,850	Daily Cost:	\$79,546
DRLG	Progress	0	Cumulative Costs:	\$1,615,249
AFE: 257073	Present Operation:	Trip In Hole		
DFS: 26	Trip Out Of Hole, Lay Down Bit, Retrieve Survey Tool, Hole Took 159 BBI Rig Up Halliburton, Saftey Meeting, Run #1 SDL-DLL-MGRD,11846-5194,DSN-GR,11,846-200,CSNG 11846-11100 Run #2, XRMI-GR f/ 11846-11100 Hole Taking 1 BBI Per Hour, While Logging Rig Down Halliburton, Lay down Logging Tools Pull Wear Ring Trip In Hole W/ BHA, Prepare To Break Kelly, Lay down BHA			
09/20/2007			Daily Cost:	\$3,687
COMP			Cumulative Costs:	\$1,535,703
AFE: 257073	Present Operation:	Trip Out Of Hole F/ Logs		
DFS: 25	Drill F/ 11605-11850,WOB 55-60, ROT 65, SPM 105, PSI 2000, ROP 18.8 Pump 50 BBI High Vis Sweep, Circulate Out Pull 5 Stands, Well Flowing,Trip Back In Hole, Gained 69 BBI Total Circulate Out, Had 2 Foot Flare Until Bottoms Up 15-20 Flare On Bottoms up, After Bottoms Up Still Had 65 BBI Gain, Circulate Wait On Brine to Raise Mud Wt. Losing 20 BBI Hr. While Circulating Pump High Vis Sweep, Displace Hole W/ 9.7+ Brine, Had Full Circulation Until Sweep Reach Surface, Flow Fell To 15 % Check Flow, No Flow, Drop Survey Tool, Monitor Well, No Flow Trip Out Of Hole F/ Logs Pump 12 BBI, After Pulling First 5 Stands to Fill Hole, Hole Full Received 280 Jts 7" Casing 26# P-110,BT&C, Received 2 Jts 7" 26# P-110,LT&C Garrison CVD 280 Good Jts 7" BT&C, 11,934'			
09/20/2007	Depth	11,850	Daily Cost:	\$28,933
DRLG	Progress	245	Cumulative Costs:	\$1,535,703
AFE: 257073	Present Operation:	Trip Out Of Hole F/ Logs		
DFS: 25	Drill F/ 11605-11850,WOB 55-60, ROT 65, SPM 105, PSI 2000, ROP 18.8 Pump 50 BBI High Vis Sweep, Circulate Out Pull 5 Stands, Well Flowing,Trip Back In Hole, Gained 69 BBI Total Circulate Out, Had 2 Foot Flare Until Bottoms Up 15-20 Flare On Bottoms up, After Bottoms Up Still Had 65 BBI Gain, Circulate Wait On Brine to Raise Mud Wt. Losing 20 BBI Hr. While Circulating Pump High Vis Sweep, Displace Hole W/ 9.7+ Brine, Had Full Circulation Until Sweep Reach Surface, Flow Fell To 15 % Check Flow, No Flow, Drop Survey Tool, Monitor Well, No Flow Trip Out Of Hole F/ Logs Pump 12 BBI, After Pulling First 5 Stands to Fill Hole, Hole Full Received 280 Jts 7" Casing 26# P-110,BT&C, Received 2 Jts 7" 26# P-110,LT&C Garrison CVD 280 Good Jts 7" BT&C, 11,934'			
09/19/2007	Depth	11,605	Daily Cost:	\$27,692
DRLG	Progress	465	Cumulative Costs:	\$1,503,083
AFE: 257073	Present Operation:	Drilling		
DFS: 24	Drill F/ 11140-11320,WOB 55-60, ROT 60-65, SPM 105, PSI 1975, ROP 20.0 Lubricate Rig Drill F/ 11320-11382,WOB 55-60, ROT 65, SPM 105, PSI 1975, ROP 20.6 Wire Line Survey @ 11332, 2.0 Deg Gained 10 BBI Water Flow While Running survey Drill F/ 11382-11605,WOB 55-60, ROT 60-65,SPM 105, PSI 1975, ROP 21.23, Losing 10 BBI Hr, While drilling No Reported Show's			
09/18/2007	Depth	11,140	Daily Cost:	\$47,793
DRLG	Progress	454	Cumulative Costs:	\$1,475,391
AFE: 257073	Present Operation:	Drilling		
DFS: 23	Circ. @ 8003' W/ Full Returns T.I.H. W/ Bit # 6 W/ 10% Flow Wash & Ream 60' To Bottom No Fill Drlg. F/ 10686'10970' WOB 55-60, ROT 60-65, SPM 105, PSI 1950, ROP 20.2 Wire Line Survey @ 10920' 1.25 Degree Drlg. F/ 10970'-11140' WOB 55-60, ROT 60-65, SPM 105, PSI 1975, ROP 24.2			
09/17/2007	Depth	10,686	Daily Cost:	\$25,694
DRLG	Progress	171	Cumulative Costs:	\$1,427,598
AFE: 257073	Present Operation:	Circ. @ 8003'		
DFS: 22	Drlg. F/ 10515'-10686' WOB 55-60, ROT 60-65, SPM 70-105, PSI 1025-1825, ROP 16.2 T.O.O.H. W/ Bit # 5 T.I.H. W/ Bit # 6 Circ. @ 5037' Full Returns T.I.H W/ Bit # 6 W/ 20% Flow Circ. @ 8003' W/ Full Returns			
09/16/2007	Depth	10,515	Daily Cost:	\$25,956
DRLG	Progress	480	Cumulative Costs:	\$1,401,904
AFE: 257073	Present Operation:	Drilling		
DFS: 21	Drlg. F/ 10035'-10172' WOB 55-60, ROT 60-65, SPM 105, PSI 1825, ROP 27.4 Ser Rig & Install Rot, Head Drlg. F/ 10172'-10459' WOB 55-60, ROT 60-65, SPM 105, PSI 1830, ROP 19.7 Wire Line Survey @ 10409' 1.22 Degree Drlg. F/ 10459'-10515' WOB 55-60, ROT 60-65, SPM 105, PSI 1830, ROP 18.6			

**CIMAREX ENERGY CO****429825-006.01 CIMAREX UNIVERSITY 20-44 1H**

County, St: Ward, TX

Location:

Spud Date: 08/26/2007 W.I. Pct BCP: 50.00 %

Formation: W.I. Pct ACP: 50.00 %

Prop Depth: 11750 Sec/TS/Rng: 44

09/15/2007	Depth	10,035	Daily Cost:	\$46,024
DRLG	Progress	545	Cumulative Costs:	\$1,375,948
AFE: 257073	Present Operation:	Drilling		
DFS: 20	Drlg. F/ 9490'-9948' WOB 55-60, ROT 60-65, SPM 105, PSI 1825, ROP 24.1 Wire Line Survey @ 9898' 1.06 Degree Drlg. F/ 9948'-10035' WOB 55-60, ROT 60-65, SPM 105, PSI 1825, ROP 21.7			
09/14/2007	Depth	9,490	Daily Cost:	\$25,694
DRLG	Progress	335	Cumulative Costs:	\$1,329,924
AFE: 257073	Present Operation:	Drilling		
DFS: 19	T.O.O.H. W/ Bit # 4 T.I.H. W/ Bit # 5 Wash & Ream 50' To bottom No Fill Drlg. F/ 9155'-9439' WOB 55-60, ROT 60-65, SPM 105, PSI 1825, ROP 25.8 Wire Line Survey @ 9389' 1.08 Degree Drlg. F/ 9439'-9490' WOB 55-60, ROT 60-65, SPM 105, PSI 1825, ROP 20.4			
09/13/2007	Depth	9,155	Daily Cost:	\$30,829
DRLG	Progress	945	Cumulative Costs:	\$1,304,230
AFE: 257073	Present Operation:	T.O.O.H. W/ Bit # 4		
DFS: 18	Drlg. F/ 8610'-8928' WOB 55-60, ROT 60-65, SPM 105, PSI 2025, ROP 31.8 Wire Line Survey @ 8878' 0.74 Degree Drlg. F/ 8928'-9155' WOB 55-60, ROT 60-65, SPM 105, PSI 2025, ROP 18.9 T.O.O.H. W/ Bit # 4			
09/12/2007	Depth	8,610	Daily Cost:	\$29,583
DRLG	Progress	220	Cumulative Costs:	\$1,273,401
AFE: 257073	Present Operation:	Drilling		
DFS: 17	Drlg. F/ 8390'-8502' WOB 10-25, RPM MOTOR 65, ROT 50, SPM 105, PSI 1700, ROP 17.2 Wire Line Survey @ 8428' 2.37 Degree Drlg. F/ 8502'-8534' WOB 10-25, RPM MOTOR 65, ROT 50, SPM 105, PSI 1700, ROP 16.0 T.O.O.H. W/ Bit # 3 L/D Motor & Bit # 3,P/U Bit Sub & Bit # 4 , T.I.H. Cut Drill Line T.I.H. W/ Bit #4 Wash & Ream 70' To Bottom No Fill Drlg. F/ 8534'-8610' WOB 45-55, ROT 60-65, SPM 105, PSI 2025, ROP 19.0 Water Flow 10 BBLs Per Hour			
09/11/2007	Depth	8,390	Daily Cost:	\$32,989
DRLG	Progress	510	Cumulative Costs:	\$1,243,818
AFE: 257073	Present Operation:	Drilling		
DFS: 16	Drill F/ 7880-8023, WOB 20-25, RPM MOTOR 65, ROT 50, SPM 105, PSI 1700, ROP 22.0 Wire Line Survey @ 7949, 1.76 Deg Drill F/ 8023-8087,WOB 25, RPM MOTOR 65, ROT 50, SPM 105, PSI 1700, ROP 25.6 Lubricate Rig Drill F/ 8087-8390,WOB 25, RPM MOTOR 65, ROT 50, SPM 105, PSI 1750, ROP 22.44			
09/10/2007	Depth	7,880	Daily Cost:	\$32,032
DRLG	Progress	765	Cumulative Costs:	\$1,210,829
AFE: 257073	Present Operation:	Drilling		
DFS: 15	Drill F/ 7115-7135,WOB 15, RPM MOTOR 65, ROT 50, SPM 105, PSI 1650, ROP 40.0 Wire Line Survey @ 7061, 1.17 Deg Drill F/ 7135-7484,WOB 10-20, RPM MOTOR 65, ROT 50, SPM 105, PSI 1700, ROP 34.9 Lubricate Rig Drill F/ 7484-7642,WOB 10-20, RPM MOTOR 65, ROT 50, SPM 105, PSI 1750, ROP 39.5 Wire Line Survey @ 7560, 1.61 Deg Drill F/ 7642-7880,WOB 15-25, RPM MOTOR 65, ROT 50, SPM 105, SPI 1750, ROP 29.75 Water Flow @ 5 BBI Hr.			
09/09/2007	Depth	7,115	Daily Cost:	\$35,578
DRLG	Progress	1,005	Cumulative Costs:	\$1,178,797
AFE: 257073	Present Operation:	Drilling		
DFS: 14	Drill F/ 6110-6183,WOB 5-18, RPM MOTOR 65, ROT 40, SPM 105, PSI 1575, ROP 48.6 Wire Line Survey @ 6108, 0.33 Deg Water Flow 1/2" Stream Drill F/6183-6658,WOB 10-18, RPM MOTOR 65, ROT 40, SPM 105, PSI 1650, ROP 50.0 Wire Line Survey @ 6583, 1.00 Deg Drill F/ 6658-7015,WOB 10-20, RPM MOTOR 65, ROT 40-50, SPM 105, PSI 1700, ROP 38.08 Still Have Small 1/2" Stream Water Flow, 5 BBI HR			
09/08/2007	Depth	6,110	Daily Cost:	\$45,438
DRLG	Progress	686	Cumulative Costs:	\$1,143,219
AFE: 257073	Present Operation:	Drilling		
DFS: 13	Drill F/ 5424-5674,WOB 5-15, RPM MOTOR 65, ROT 40, SPM 105, PSI 1700, ROP 55.5 Lost 300 PSI on Bottom Trip Out Of Hole, Pull Wet Pipe Would Gain Pressure Back When Picked Up Or Rot. Lay down Motor, Backed Off On Bearing Housing, Wait On Motor Pick Up Motor,Bit, Surface Test Motor, Trip In Hole Drill F/ 5674-5708,WOB 5-15, RPM MOTOR 65, ROT 40, SPM 105, PSI 1550, ROP 66.0 Wire Line Survey @ 5630, 0.17 Deg, 2 Runs, First Run No Picture Drill F/ 5708-6110,WOB 5-20, RPM MOTOR 65, ROT 40, SPM 105, PSI 1550, ROP 42.3 No Reported Show's			



**CIMAREX ENERGY CO****429825-006.01 CIMAREX UNIVERSITY 20-44 1H**

County, St: Ward, TX

Location:

Spud Date: 08/26/2007 W.I. Pct BCP: 50.00 %

Formation: W.I. Pct ACP: 50.00 %

Prop Depth: 11750 Sec/TS/Rng: 44

09/07/2007	Depth	5,424	Daily Cost:	\$64,399
DRLG	Progress	229	Cumulative Costs:	\$1,097,781
AFE: 257073	Present Operation:	Drilling		
DFS: 12	Nipple Up BOP'S, Hook UP 1", Center Stack, Hook Up Flow Line, Fill Lines Test BOP'S, 5000 Psi High, 250 PSI Low, Rams, Manifold, Upper, Lower, Floor Valves, Annular 2500 PSI Between Annular and Rotating Head bowl, Change Out Ring Gasket, Nipple Back Up Flow Line, Center Stack Install wear ring, Prepare Floor F/ Trip, Pick Up BHA Tools Pick Up Bit, 22 6 1/2 DC's, 2 IBS'S, Off Catwalk Pick Up Jars Trip IN Hole Lay Down 7 Joints Drill Pipe Test Casing To 1500 PSI Drill Cement , Float Equipment, Cement F/ 5100-5195 Test Shoe, Formation, Pressure Drop @ 900 PSI, EQ Mud Wt 12.2 Drill F/ 5200-5424, WOB 5-18, RPM MOTOR 65, ROT 40, SPM 105, PSI 1675, ROP 45.8			
09/06/2007	Depth	5,195	Daily Cost:	\$268,342
DRLG	Progress	0	Cumulative Costs:	\$1,033,382
AFE: 257073	Present Operation:	Nipple Up BOP'S		
DFS: 11	Run 9 5/8 Casing Casing Slips Not Holding, Wait On Slips Run 9 5/8 Casing, Hit Bridge @ 5126 Rig Up Circulating Iron, Wash Through Bridge @ 5126', Wash to Bottom Hit Another Bridge @ 5190, Wash to Bottom Hit Another Bridge @ 5185, Wash to Bottom Circulate W/ Rig Pump Pre-Job Safety Meeting, Test Lines To 4000 Psi, Pump 25 BBL Fresh Water, 1425 Sacks Lead Interfill C-SBM Wt 11.9 Yield 2.45 Mixed @ 14.12 Gal SK, Tail W/ 250 Sacks Premium Plus C, Wt 14.8, Yield 1.32, Mixed @ 6.32 Gal Sack, @ 6 BBL Min. Drop Plug Displace W/ 388 BBL Water, @ 10 BBL Min, Slowed To 4 BBL Min, 1447 PSI, Bumped Plug, Pressured Up to 1900 psi, Bled Off Pressure, Floats held, Had Good Circulation Through Out Job, Returned 400 Sacks Cement to Reserve Wait On Cement Cut Off Conductor, Weld On Wellhead Test Well Head to 1000 PSI Nipple UP BOP'S			
09/05/2007	Depth	5,195	Daily Cost:	\$27,507
DRLG	Progress	74	Cumulative Costs:	\$765,040
AFE: 257073	Present Operation:	Run 9 5/8 Casing		
DFS: 10	Drill F/ 5121-5195, WOB 20-25, RPM MOTOR 110, ROT 40, SPM 180, PSI 2700, ROP 21.14 Pump High Vis sweep, Circulate Out Wiper Trip Up To Surface Casing, @ 860'. No Drag Coming Out Or In, No fill Pump High Vis sweep, Circulate Out, Drop Survey Tool Trip Out Of Hole To 8" DC'S Lay Down Jars, two 6 1/2 DC's Washed Box And Pin No Drag Coming Out Rig Up Bull Rogers Laydown Machine, Pre Job Safety Meeting Lay Down 13 8" DC's, 2 Reamers, Motor, Bit Rigt UP Bull Rogers Casing Crew, Pre Job Safety Meeting W/ Crew's Run 9 5/8 Casing Curenly Have 80 Jts In @ 3382', No Hole Problems Going In so Far NOTIFIED ANDRIA, OPERTOR #24, W/ TEXAS RAILROAD COMMISSION OF RUNNING 9 5/8 CASING AND CEMENTING Halliburton set to be on Location @ 7:00 AM, Have Been hauling Cement, Should Have All cement here by 7:00 AM			
09/04/2007	Depth	5,121	Daily Cost:	\$30,620
DRLG	Progress	591	Cumulative Costs:	\$737,533
AFE: 257073	Present Operation:	Drilling		
DFS: 9	Drilg. F/ 4530'-4691' WOB 10-25, RPM MOTOR 110, ROT 40, SPM 180, PSI 2700, ROP 26.8 Wire Line Survey @ 4611' 0.83 Degree Drilg. F/ 4691'-5121' WOB 10-25, RPM MOTOR 110, ROT 40, SPM 180, PSI 2700, ROP 24.5			
09/03/2007	Depth	4,530	Daily Cost:	\$41,146
DRLG	Progress	595	Cumulative Costs:	\$706,913
AFE: 257073	Present Operation:	Drilling		
DFS: 8	Drilg. F/ 3935'-4184' WOB 10-25, RPM MOTOR 110, ROT 40, SPM 180, PSI 2650, ROP 33.2 Wire Line Survey @ 4104' 0.52 Degree Drilg. F/ 4184'-4530' WOB 10-25, RPM MOTOR 110, ROT 40, SPM 180, PSI 2700, ROP 21.6			
09/02/2007	Depth	3,935	Daily Cost:	\$63,197
DRLG	Progress	600	Cumulative Costs:	\$665,767
AFE: 257073	Present Operation:	Drilling		
DFS: 7	Drilg. F/ 3335'-3677' WOB 10-25, RPM MOTOR 110, ROT 40, SPM 180, PSI 2650, ROP 27.3 Wire Line Survey @ 3585' 0.73 Degree Drilg. F/ 3677'-3935' WOB 10-25, RPM MOTOR 110, ROT 40, SPM 180, PSI 2650, ROP 22.4			
09/01/2007	Depth	3,335	Daily Cost:	\$35,188
DRLG	Progress	0	Cumulative Costs:	\$602,570
AFE: 257073	Present Operation:	Drilling		
DFS: 6	Drilg. F/ 2575'-2664' WOB 10-25, RPM MOTOR 110, ROT 40, SPM 180, PSI 2550, ROP 44.5 Wire Line Survey @ 2584' 1.68 Degree Drilg. F/ 2664'-3171' WOB 10-25, RPM MOTOR 110, ROT 40, SPM 180, PSI 2600, ROP 34.9 Wire Line Survey @ 3085' 1.72 Degree Drilg. F/ 3171'-3335' WOB 10-25, RPM MOTOR 110, ROT 40, SPM 180, PSI 2600, ROP 25.2			
08/31/2007	Depth	2,575	Daily Cost:	\$28,399
DRLG	Progress	1,051	Cumulative Costs:	\$567,382
AFE: 257073	Present Operation:	Drilling		
DFS: 5	Drilg. F/ 1524'-1650' WOB 10-25, RPM MOTOR 110, ROT 40, SPM 180, PSI 2550, ROP 36.0 Wire Line Survey @ 1570' 1.03 Degree Drilg. F/ 1650'-2157' WOB 10-25, RPM MOTOR 110, ROT 40, SPM 180, PSI 2600, ROP 50.7 Wire Line Survey @ 2070' 0.37 Degree Drilg. F/ 2157'-2575' WOB 10-25, RPM MOTOR 110, ROT 40, SPM 180, PSI 2650, ROP 44.0			

**CIMAREX ENERGY CO****429825-006.01 CIMAREX UNIVERSITY 20-44 1H**

County, St: Ward, TX

Location:

Spud Date: 08/26/2007 W.I. Pct BCP: 50.00 %

Formation: W.I. Pct ACP: 50.00 %

Prop Depth: 11750 Sec/TS/Rng: 44

08/30/2007	Depth	1,524	Daily Cost:	\$43,199
DRLG	Progress	657	Cumulative Costs:	\$538,983
AFE: 257073	Present Operation:	Drilling		
DFS: 4	Hook Up Flow Line, Turn Buckles, Install PVC To Brine Pit P/U Bit # 2, 2 Roller RMR'S, Jars, Trip In Hole Tag Cement @ 820' Drlg. Plug & Float Collar @ 823' Drlg. Cement F/ 824'-867' Wire Line Survey @ 800' 4.47 Degree Drlg. F/ 867'-1148' WOB 10-15, RPM MOTOR 110, ROT 40, SPM 160, PSI 2400, ROP 37.4 Wire Line Survey @ 1050' 2.83 Degree Drlg. F/ 1148'-1524 WOB 10-20, RPM MOTOR 110, ROT 40, SPM 160, PSI 2550, ROP 44.2			
08/29/2007	Depth	867	Daily Cost:	\$47,202
DRLG	Progress	0	Cumulative Costs:	\$495,784
AFE: 257073	Present Operation:	Weld On 13 3/8" Csg. W/ Rot. Head		
DFS: 3	Circ. W/ Rig Pump , Wait On Halliburton Cement Held Safety Meeting W/ Halliburton, Pump 20 BBLs Water, 400 Sacks Lead, Light Premium Plus 3% Salt, 0.125 Poly-E-Flake 12.9 Wt., 1.83 Yield, Mix @ 9.78 Gal. Water, Tail W/ 340 Sacks Premium Plus, W/ 2% Calcium Chloride, 14.8 Wt., Mix @ 6.37 Gal Water, Displace W/ 126 BBL Water @ 6 BBL/Min Slowed To 3 BBL/Min W/ 220 PSI, Bump Plug, Pressure Up To 480 Psi, Bled Off Pressure, Floats Held, Returned 200 Sacks, Cement To Surface, Plug Down @ 10:00 P.M. CST, R/D Halliburton W.O.C. Jet & Clean Pits Cut Off 20" Conductor, Cut 13 3/8" Csg., Weld On 13 3/8" Csg. W/ Rot. Head Bowl, Nipple Up Flow Line, Turn Buckles, &			
08/28/2007	Depth	867	Daily Cost:	\$74,653
DRLG	Progress	425	Cumulative Costs:	\$448,582
AFE: 257073	Present Operation:	Wait On Halliburton Bulk Cement		
DFS: 2	Drill F/ 442-867, WOB 55, RPM MOTOR 98, ROT 45, SPM 160, PSI 2400, ROP 60.7 Pump 50 BBL High Vis Sweep, Circulate Out Trip Out Of Hole to Conductor, No Drag On Trip Out Trip In Hole, No drag going In Wash To Bottom, No Fill, Pump High Vis sweep, Circulate Out Trip Out Of Hole, Lay Down Motor, Reamer, bit Rig Up Bull Rogers Casing Crew, Pick Up Machine, Pre-Job safety Meeting Run 21 Joints 13 3/8 Casing to 867', No Fill Rig Up Swedge And Circulate W/ Rig Pump, Wait On Halliburton cement, Pump Truck On Location @ 9:00 Pm			
08/27/2007	Depth	442	Daily Cost:	\$49,674
DRLG	Progress	442	Cumulative Costs:	\$373,929
AFE: 257073	Present Operation:	Drilling		
DFS: 1	Rig Up, Check Out Rotary Clutch, Pick Up Kelly, Rig Up Pits, Floor, Nipple Up On Conductor, Mix Spud mud, Pick Up Bit, Motor, Shock Sub, Pressure Test Lines Drill F/ 70-411, WOB 10-50, ROT 40, SPM 160, PSI 2050, ROP 48.7 Wire Line Survey @ 327, 0.32 Deg Drill F/ 411-442, WOB 50, RPM MOTOR 98, ROT 40, SPM 180, PSI 2050, ROP 62.0 SPUD IN WELL @ 22:00, 8-26-07			
08/26/2007	Depth	0	Daily Cost:	\$324,255
DRLG	Progress	0	Cumulative Costs:	\$324,255
AFE: 257073	Present Operation:	Rig Up		
DFS: 0	8-20-07, Rig Down Cactus 123, Move Trailer 8-21-07, Rig Down Cactus 123, Lower Derrick Prepare F/ Trucks 8-22-07, Wait On Trucks, Clean Rig 8-23-07, Rig Down Rig 123 And Move Rig 8-24-07, Rig Up Cactus Rig 123 8-25-07, Rig up Cactus Rig 123, Raise Derrick, Weld On Conductor Mechanic Coming To Check Rotary Clutch, If No Problems Should Spud later This Evening Praden Built Location, Cost \$32660, Caliche Cost 7470, Total \$40,130 Abbott Set Conductor, Rathole, Cost \$8640 Fas-Line Set Liner Cost 5135, Fence Around Liner Cost \$450 Notified AMY W/ Railroad Commission of Intent to Spud, Job #8992			