



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

OPERATED

WARWINK WEST PROSPECT

CIMAREX ENERGY CO

424093-064.01 CIMAREX UNIVERSITY 18-38 2H

County, St: Ward, TX

Location: SEC. 18, BLK. 38

Spud Date: 09/30/2007 W.I. Pct BCP: 100.00 %

Formation: rd Bone Spgs, Lower D Sa W.I. Pct ACP: %

Prop Depth: 16100 Sec/TS/Rng: 18

03/14/2008 Daily Cost: \$0
PROD Cumulative Costs: \$6,032,145
AFE: 257162 Present Operation: FINAL REPORT
DFS: 166 446 BO, 126 BW, 493 MCF, TP-580, CK-20/64. FINAL REPORT

03/13/2008 Daily Cost: \$0
PROD Cumulative Costs: \$6,032,145
AFE: 257162 Present Operation:
DFS: 165 410 BO, 181 BW, 504 MCF, TP-585, CK-20/64, TBLTR-6064

03/12/2008 Daily Cost: \$0
PROD Cumulative Costs: \$6,032,145
AFE: 257162 Present Operation:
DFS: 164 434 BO, 206 BW, 518 MCF, TP-600, CK-20/64. TBLTR-6245

03/11/2008 Daily Cost: \$0
PROD Cumulative Costs: \$6,032,145
AFE: 257162 Present Operation:
DFS: 163 443 BO, 105 BW, 529 MCF, TP-630, CK-20/64. TBLTR-6451

03/10/2008 Daily Cost: \$0
PROD Cumulative Costs: \$6,032,145
AFE: 257162 Present Operation:
DFS: 162 432 BO, 150 BW, 502 MCF, TP-640, CK-20/64, TBLTR-6556

03/09/2008 Daily Cost: \$0
PROD Cumulative Costs: \$6,032,145
AFE: 257162 Present Operation:
DFS: 161 321 BO, 90 BW, 387 MCF, TP-560, CK-20/64, TBLTR-6706

03/08/2008 Daily Cost: \$0
PROD Cumulative Costs: \$6,032,145
AFE: 257162 Present Operation:
DFS: 160 341 BO, 94 BW, 394 MCF, TP-440, CK-20/64. TBLTR-6796

CIMAREX ENERGY CO**424093-064.01 CIMAREX UNIVERSITY 18-38 2H**County, St: Ward, TX
Location: SEC. 18, BLK. 38Spud Date: 09/30/2007 W.I. Pct BCP: 100.00 %
Formation: rd Bone Spgs, Lower D Sa W.I. Pct ACP: %
Prop Depth: 16100 Sec/TS/Rng: 1803/07/2008 Daily Cost: \$0
PROD Cumulative Costs: \$6,032,145AFE: 257162 Present Operation:
DFS: 159 343 BO, 110 BW, 396 MCF, TP-350, CK-20/64, TBLTR-689003/06/2008 Daily Cost: \$0
PROD Cumulative Costs: \$6,032,145AFE: 257162 Present Operation:
DFS: 158 335 BO, 168 BW, 399 MCF, TP-400, CK-20/64, TBLTR-700003/05/2008 Daily Cost: \$0
PROD Cumulative Costs: \$6,032,145AFE: 257162 Present Operation:
DFS: 157 349 BO, 196 BW, 406 MCF, TP-400, CK-20/64, TBLTR-716803/04/2008 Daily Cost: \$0
PROD Cumulative Costs: \$6,032,145AFE: 257162 Present Operation:
DFS: 156 371 BO, 133 BW, 409 MCF, TP-400, CK-20/64, TBLTR-736403/03/2008 Daily Cost: \$0
PROD Cumulative Costs: \$6,032,145AFE: 257162 Present Operation:
DFS: 155 354 BO, 106 BW, 421 MCF, TP-400, CK-20/64. TBLTR-749703/02/2008 Daily Cost: \$0
PROD Cumulative Costs: \$6,032,145AFE: 257162 Present Operation:
DFS: 154 371 BO, 183 BW, 430 MCF, TP-450, CK-20/64, TBLTR-760303/01/2008 Daily Cost: \$0
PROD Cumulative Costs: \$6,032,145AFE: 257162 Present Operation:
DFS: 153 357 BO, 104 BW, 438 MCF, TP-450, CK-20/64, TBLTR-778602/29/2008 Daily Cost: \$0
PROD Cumulative Costs: \$6,032,145AFE: 257162 Present Operation:
DFS: 152 292 BO, 203 BW, 448 MCF, TP-480, CK-20/64, TBLTR-789002/28/2008 Daily Cost: \$0
PROD Cumulative Costs: \$6,032,145AFE: 257162 Present Operation:
DFS: 151 371 BO, 120 BW, 455 MCF, TP-490, CK-20/64, TBLTR-8093

CIMAREX ENERGY CO**424093-064.01 CIMAREX UNIVERSITY 18-38 2H**County, St: Ward, TX
Location: SEC. 18, BLK. 38Spud Date: 09/30/2007 W.I. Pct BCP: 100.00 %
Formation: rd Bone Spgs, Lower D Sa W.I. Pct ACP: %
Prop Depth: 16100 Sec/TS/Rng: 18

02/27/2008	Daily Cost:	\$0
COMP	Cumulative Costs:	\$6,032,145
AFE: 257162	Present Operation:	Flowing to production battery
DFS: 150		432 BO, 203 BW, 470 MCF, TP-500, CK-20/64, TBWTR-8213
02/26/2008	Daily Cost:	\$0
PROD	Cumulative Costs:	\$6,032,145
AFE: 257162	Present Operation:	Flowing to production battery
DFS: 149		391 BO, 181 BW, 488 MCF, TP-585, CK-20/64, TBLTR-8416
02/25/2008	Daily Cost:	\$5,670
COMP	Cumulative Costs:	\$6,032,145
AFE: 257162	Present Operation:	Flow well to battery- Final Report from Completion
DFS: 148		Flow well 24 hrs thru 20/64 choke. FTP 590#. Made: 399 BO, 199 BW, 514 MCF Final Report from Completion for now.
02/24/2008	Daily Cost:	\$4,830
COMP	Cumulative Costs:	\$6,026,475
AFE: 257162	Present Operation:	Flow well to battery
DFS: 147		Flow well 24 hrs thru 20/64 choke, FCP 600#. Made; 366 BO, 211 BW, 558 MCF
02/24/2008	Daily Cost:	\$0
PROD	Cumulative Costs:	\$6,026,475
AFE: 257162	Present Operation:	
DFS: 147		366 BO, 211 BW, 558 MCF, TP-600, CK-20/64, TBLTR-8796
02/23/2008	Daily Cost:	\$8,085
COMP	Cumulative Costs:	\$6,021,645
AFE: 257162	Present Operation:	Flow well to battery
DFS: 146		Flow well to battery 24 hrs on 20/64 choke; made 546 BO, 231 BW, 491 MCF
02/23/2008	Daily Cost:	\$0
PROD	Cumulative Costs:	\$6,021,645
AFE: 257162	Present Operation:	
DFS: 146		546 BO, 231 BW, 491 MCF, TP-700, CK-20/64, TBLTR-9007
02/22/2008	Daily Cost:	\$52,630
COMP	Cumulative Costs:	\$6,013,560
AFE: 257162	Present Operation:	Flow well to battery
DFS: 145		Well SI, RD PU, move pipe racks, etc out of the way around well. RU BJ Coiltech 1 1/4" unit and MU Baker 1.44", Hip Tripper and bit. SICP 100#, open well up and TIH, blowing unloading hole with N2. TIH to 10,896' and set down, had good returns but started losing them, coil and tools still in vertical hole, PU, re-adjust N2 and foam quality, blow and circulate for 4 hrs with little or no returns, unloading heads of water and finally enough water off to lower hydrostatic and returns, well unloading good fluid. Start going down hole, hit bridge again at 10,886', wash thru at 11,030', continue TIH with returns getting stronger, choke well back, continue in hole to 2.25' port at 11063' and had to work through minor bridge at this point, continue TIH with very good returns to 1.25" port at 13,927' with no problems. Circulate sweeps around and TOO H with coil, hung up and had to work thru 1 5" port at 13,201', continue TOO H. RD coil and tools. NU wellhead, SITP 675#, open well up to pit until fluid hit, contained a lot of oil, turned to battery (had washed out elbow on inlet to test tank earlier)

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Formation: rd Bone Spgs, Lower D Sa W.I. Pct ACP: %
Prop Depth: 16100 Sec/TS/Rng: 18

02/21/2008		Daily Cost:	\$13,989
COMP		Cumulative Costs:	\$5,960,930
AFE:	257162	Present Operation:	RU coil tubing unit
DFS:	144	Open well up, MU on/off tool and TIH picking tubing up off rack, tag top of packer, figure spaceout, configure tubing, latch onto packer and set tubing in wellhead with 22 pts compression. ND BOP, NU wellhead,load tubing. RU Arc Pressure Data slickline truck, TIH with plug retrieval tools, pull equalizing prong and TOO, retool and TIH to retrieve plug, retrieve plug and TOO. RD Arc, secure well and SDFN.	
02/20/2008		Daily Cost:	\$16,244
COMP		Cumulative Costs:	\$5,946,941
AFE:	257162	Present Operation:	TIH with on/off tool and tubing
DFS:	143	Well flowing, RU Apollo Perforators and TIH with 7" Arrowset 1 packer with 2.31" X " nipple and plug in place. Set packer at 10,320'. TOO RD wireline, lubricator and start blowing well down, took 4 hrs, plug holding. ND frac valve, NU BOP, rig up floor to run tubing. Secure well,SDFN.	
02/19/2008		Daily Cost:	\$13,598
COMP		Cumulative Costs:	\$5,930,697
AFE:	257162	Present Operation:	RU wireline to lube packer in hole
DFS:	142	MIRU pulling unit, set in reverse unit, set pipe racks and unload, rack,cvd 329 jts 2 7/8", 6.5#,L-80, 8rd new tubing, strap tubing and SDFN.	
02/18/2008		Daily Cost:	\$0
PROD		Cumulative Costs:	\$5,917,099
AFE:	257162	Present Operation:	
DFS:	141	312 BO, 195 BW, 441 MCF, CP-430, CK-20/64, TBLTR-9598	
02/17/2008		Daily Cost:	\$0
PROD		Cumulative Costs:	\$5,917,099
AFE:	257162	Present Operation:	
DFS:	140	337 BO, 122 BW, 453 MCF, CP-490, CK-20/64, TBLTR-9793	
02/16/2008		Daily Cost:	\$0
PROD		Cumulative Costs:	\$5,917,099
AFE:	257162	Present Operation:	
DFS:	139	354 BO, 203 BW, 405 MCF, CP-500, CK-20/64, TBLTR-9915	
02/15/2008		Daily Cost:	\$0
PROD		Cumulative Costs:	\$5,917,099
AFE:	257162	Present Operation:	
DFS:	138	312 BO, 197 BW, 395 MCF, CP-500, CK-18/64, TBLTR-10118	
02/14/2008		Daily Cost:	\$0
PROD		Cumulative Costs:	\$5,917,099
AFE:	257162	Present Operation:	Flowing to production battery
DFS:	137	269 BO, 100 BW, 371 MCF, CP-440, CK-18/64. TBLTR-10315. Installed 20/64 choke.	
02/13/2008		Daily Cost:	\$0
PROD		Cumulative Costs:	\$5,917,099
AFE:	257162	Present Operation:	
DFS:	136	291 BO, 206 BW, 388 MCF, CP-490, CK-18/64, TBLTR-10415	

CIMAREX ENERGY CO**424093-064.01 CIMAREX UNIVERSITY 18-38 2H**County, St: Ward, TX
Location: SEC. 18, BLK. 38Spud Date: 09/30/2007 W.I. Pct BCP: 100.00 %
Formation: rd Bone Spgs, Lower D Sa W.I. Pct ACP: %
Prop Depth: 16100 Sec/TS/Rng: 18

02/12/2008	Daily Cost:	\$0
PROD	Cumulative Costs:	\$5,917,099
AFE: 257162	Present Operation:	
DFS: 135	305 BO, 102 BW, 425 MCF, CP-520, CK-18/64, TBLTR-10621	
02/11/2008	Daily Cost:	\$0
PROD	Cumulative Costs:	\$5,917,099
AFE: 257162	Present Operation:	
DFS: 134	374 BO, 193 BW, 529 MCF, CP-540, CK-18/64, TBLTR-10723	
02/10/2008	Daily Cost:	\$0
PROD	Cumulative Costs:	\$5,917,099
AFE: 257162	Present Operation:	
DFS: 133	144 BO, 91 BW, 71 MCF, CP-700, CK-18/64, TBLTR-10916	
02/09/2008	Daily Cost:	\$0
PROD	Cumulative Costs:	\$5,917,099
AFE: 257162	Present Operation:	
DFS: 132	55 BO, 25 BW, 310 MCF, CP-60, CK-18/64 2/9/08: Well was dead @ report time on Saturday. Opened well directly to earth pit, had only a slight gas blow. Completion called for a flowback hand to watch well going to test tanks. Flowing well to test tanks overnight.	
02/08/2008	Daily Cost:	\$0
PROD	Cumulative Costs:	\$5,917,099
AFE: 257162	Present Operation:	
DFS: 131	377 BO, 214 BW, 508 MCF, CP-690, CK-18/64, TBLTR-11032	
02/07/2008	Daily Cost:	\$0
PROD	Cumulative Costs:	\$5,917,099
AFE: 257162	Present Operation:	
DFS: 130	368 BO, 215 BW, 452 MCF, CP-700, CK-18/64, TBLTR-11246	
02/06/2008	Daily Cost:	\$0
PROD	Cumulative Costs:	\$5,917,099
AFE: 257162	Present Operation:	
DFS: 129	296 BO, 141 BW, 407 MCF, CP-700, CK-16/64, TBLTR-11461	
02/05/2008	Daily Cost:	\$0
PROD	Cumulative Costs:	\$5,917,099
AFE: 257162	Present Operation:	
DFS: 128	316 BO, 166 BW, 303 MCF, CP-700, CK-16/64, TBLTR-11602	
02/04/2008	Daily Cost:	\$0
PROD	Cumulative Costs:	\$5,917,099
AFE: 257162	Present Operation:	
DFS: 127	326 BO, 248 BW, 24 MCF, CP-800, CK-16/64, TBLTR-11768. 2/4/08: Again the float in the gas sales line drip pot was shut off due to liquids in the gas. Lowered the fluid in the separator, drained the pot twice during the day. Called for another separator to use as a scrubber. Earliest delivery is 2/6/08.	

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Formation: rd Bone Spgs, Lower D Sa W.I. Pct ACP: %
Prop Depth: 16100 Sec/TS/Rng: 18

02/03/2008	Daily Cost:	\$0
PROD	Cumulative Costs:	\$5,917,099
AFE: 257162	Present Operation:	
DFS: 126	324 BO, 157 BW, 206 MCF, CP-800, CK-16/64, TBLTR-12016. The gas is real wet, had some liquid in the sales line pot shutting off the gas sales, drained some oil out of the sales line pot. Will look into the gas this morning to see how wet it really is.	
02/02/2008	Daily Cost:	\$0
PROD	Cumulative Costs:	\$5,917,099
AFE: 257162	Present Operation:	
DFS: 125	337 BO, 133 BW, 445 MCF, CP-850, CK-16/64, TBLTR-12173	
02/01/2008	Daily Cost:	\$0
PROD	Cumulative Costs:	\$5,917,099
AFE: 257162	Present Operation:	
DFS: 124	324 BO, 188 BW, 453 MCF, CP-900, CK-16/64, TBLTR-12306	
01/31/2008	Daily Cost:	\$0
PROD	Cumulative Costs:	\$5,917,099
AFE: 257162	Present Operation:	
DFS: 123	335 BO, 266 BW, 465 MCF, CP-900, CK-16/64. TBLTR-12494.	
01/30/2008	Daily Cost:	\$0
PROD	Cumulative Costs:	\$5,917,099
AFE: 257162	Present Operation:	
DFS: 122	335 BO, 233 BW, 469 MCF, CP-920, CK-16/64, TBLTR-12760	
01/29/2008	Daily Cost:	\$0
PROD	Cumulative Costs:	\$5,917,099
AFE: 257162	Present Operation:	
DFS: 121	346 BO, 271 BW, 474 MCF, CP-950, CK-16/64. TBLTR-12993	
01/28/2008	Daily Cost:	\$0
PROD	Cumulative Costs:	\$5,917,099
AFE: 257162	Present Operation:	
DFS: 120	352 BO, 475 BW, 459 MCF, CP-1000, CK-16/64. TBLTR-13264.	
01/27/2008	Daily Cost:	\$7,193
COMP	Cumulative Costs:	\$5,917,099
AFE: 257162	Present Operation: Flow well to battery	
DFS: 119	Flow well 2 1/2 hrs to test tanks then turn to battery. FCP this AM 1050# on 16/64 choke. Made in 21 1/2 hrs to battery; 307 BO, 205 BW, 280 MCF Total Fluid Recovered in 2 1/2 hrs: 71 BBLS Total Load Recovered in 2 1/2 hrs: 54 BBLS Load Left to Recover: 13,739 BBLS Oil Recovered in 2 1/2 hrs: 17 BBLS Total Oil Recovered: 270 BBLS Turn well over to production; final report from completion for now.	
01/26/2008	Daily Cost:	\$7,718
COMP	Cumulative Costs:	\$5,909,906
AFE: 257162	Present Operation: Flow well to test tanks after frac	
DFS: 118	Flow well 24 hrs on 14 and 16/64 choke, FCP on 16/64 choke- 1100# at 6:00 AM 1-26-2008. Oil cut 25-30% will turn through battery today. Total Fluid Recovered Last 24 Hrs: 840 BBLS Load Recovered Last 24 Hrs: 630 BBLS Total Load Recovered: 13,793 BBLS Oil Recovered Last 24 Hrs.: 210 BBLS Total Oil Recovered: 253 BBLS	

CIMAREX ENERGY CO**424093-064.01 CIMAREX UNIVERSITY 18-38 2H**

County, St: Ward, TX
 Location: SEC. 18, BLK. 38

Spud Date: 09/30/2007 W.I. Pct BCP: 100.00 %
 Formation: rd Bone Spgs, Lower D Sa W.I. Pct ACP: %
 Prop Depth: 16100 Sec/TS/Rng: 18

01/25/2008	Daily Cost:	\$8,453
COMP	Cumulative Costs:	\$5,902,188
AFE: 257162	Present Operation:	Flow well to test tanks
DFS: 117	Flow well to test tanks 24 hrs on 12 and 14/64 chokes. Currently FCP 1300# on a 14/64 choke. Recovery rate 34-37 BPH. Will open well up on 16/64 choke. Oil cut 5-10%. Total Fluid Recovered Last 24 Hrs: 863 BBLS Load Recovered Last 24 Hrs: 820 BBLS Load Left to Recover: 14,423 BBLS Oil Recovered Last 24 Hrs: 43 BBLS Total Oil Recovered: 43 BBLS	
01/24/2008	Daily Cost:	\$6,983
COMP	Cumulative Costs:	\$5,893,735
AFE: 257162	Present Operation:	Flow well after frac to test tanks
DFS: 116	RU to flow well back after frac. SICP 2150#. Open well up at 8:30AM on 10/64 choke. Open well up on 12/64 choke after recovering 500bbbs. AT 6:00 AM FCP 1400# on 12/64 choke, recovering 37 BPH fluid. Load Recovered in 22 1/2hrs: 854 BBLS Total Load Left to Recover: 15,243 BBLS	
01/23/2008	Daily Cost:	\$671,203
COMP	Cumulative Costs:	\$5,886,752
AFE: 257162	Present Operation:	RU to Flow Well after Frac
DFS: 115	Well flowed 24 hrs to battery on 10/64 choke, FCP 950#, made 350 BO, 0 BW. RU Guardian isolation tool and BJ to frac. Frac well in 5 stages with a total of 5000 gals 15% HCL, 284,281 gals Lightening 2000 x-linked gel pad, 98,209 gals Lightening 2000 x-linked gel pad containing 380,000 lbs 18/40 Versaprop sand ramped from 0.5# to 2.0#/gal. Average Treating Rate for job was 5504#. Average Rate was 60.3 BPM. 1st Stage: 15,525'- 14240' (Pump out plug at 14323') Avg. Rate: 59.7 BPM; Avg Trtg Press: 5045# 2nd Stage: 14240- 13581' (1.25" Strata- Port at 13,927') Avg. Rate: 59.9 BPM; Avg Trtg Press: 5166# 3rd Stage: 13581'- 12825' (1.5" Strata- Port at 13,201') Avg Rate: 59.4 BPM; Avg Trtg Press: 5361# 4th Stage: 12825'- 12035' (1.75" Strata-Port at 12,445') Avg Rate: 58.8 BPM; Avg Trtg Press: 5551# 5th Stage: 12035'- 11275' (2.0" Strata-Port at 11,654') Avg Rate: 72.4 BPM; Avg Trtg Press: 6423# ISIP- 4400#; 5 min- 4244#; 10 min- 4173#. RD Guardian, shut well in, RD BJ. LOAD to RECOVER: 16,097 BBLS (Complete Treating Report Attached	
01/22/2008	Daily Cost:	\$5,093
COMP	Cumulative Costs:	\$5,215,549
AFE: 257162	Present Operation:	Flow well to battery on production
DFS: 114	NO Report.	
01/21/2008	Daily Cost:	\$0
PROD	Cumulative Costs:	\$5,210,456
AFE: 257162	Present Operation:	
DFS: 113	304 BO, 31 BW, 325 MCF, CP-950, CK-12/64	
01/20/2008	Daily Cost:	\$6,090
COMP	Cumulative Costs:	\$5,210,456
AFE: 257162	Present Operation:	Well flowing to battery on production
DFS: 112	FCP on 10/64 choke 1500#. Turn well to battery at 7:00 AM 1-19-2008. No production report from completion. Production will report it 1 day late. Turn well over to production until frac date of 1-22-2008. Open well up on 12/64 choke.	
01/19/2008	Daily Cost:	\$7,035
COMP	Cumulative Costs:	\$5,204,366
AFE: 257162	Present Operation:	Flowing well to test tanks
DFS: 111	Flow well to test tanks to decrease N2 content enough to put well on production. FCP- 6:00 am 1500# on 10/64 choke. Recovered 350 bbls- 95% oil.	
01/18/2008	Daily Cost:	\$51,975
COMP	Cumulative Costs:	\$5,197,331
AFE: 257162	Present Operation:	Flowing On Test

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Formation: rd Bone Spgs, Lower D Sa W.I. Pct ACP: %

Prop Depth: 16100 Sec/TS/Rng: 18

DFS: 110 Well flowing this A.M. on 18/64" choke w/ FCP @ 900#. Recovered 100 BBIs of oil stained mud emulsion overnight. RU BJ Coil Tech and TIH w. 2.25" Bladed Mill on 1.690 Motor and 1 1/4" Coil Tbg pumping 1/4 BPM 5% KCL w/ well flowing. Tag up on fish at 11,596' (58' above 2" ID port at 11,654'). Increase 5% KCl water to 1 BPM and Mill up fish in one hour. Pump 15 BBI sweep and TOH to 10,900' and allow sweep to clear liner top. Surface psi inc to 1200# on 22/64" Choke. TIH to 2" port @ 11,654'. No change in motor differential psi. Pump 1600 SCF N2 Bubble and TOH to top of liner and pump 1/4 BPM 5% KCL until N2 Bubble cleared liner top. TOH w/ w/ well flowing. RD BJ and leave well flowing to Test tanks w/ watchman. This A.M. flowing on 16/64" choke w/ 1100# FCP making approx 50 BBIs per hour of oil cut emulsion w/ shake out at 40% oil.

01/17/2008 Daily Cost: \$33,732

COMP Cumulative Costs: \$5,145,356

AFE: 257162 Present Operation: RU BJ Coil Tech 1 1/4" Coil Tbg Unit

DFS: 109 TIH w/ 1.5" Washing Tool on 1 3/4" Coil Tbg jetting out mud w/ 1/2 BPM of 5% KCL water and 1000 SCF per minute N2. to 6000'. Well start unloading mud. TOH w/ 1 3/4" Coil Tbg. Recovered 500 BBIs of Mud and Mud cut water. Did not see any indication of recovering DP Composite Plug left in hole from Laying Down DP. RD 1 3/4" coil tbg Unit and leave well flowing to test tanks over night w/ watchman.

01/16/2008 Daily Cost: \$11,235

COMP Cumulative Costs: \$5,111,624

AFE: 257162 Present Operation: TIH w/ 1.5" Washing Tool on 1 3/4" Coil Tbg

DFS: 108 Clean and Dress off Location, ND 5K Frac Valve and NU 10K Frac Valve. RU BJ Coil Tech 1 3/4" Coil Tbg Unit. SDFN

01/15/2008 Daily Cost: \$315,300

COMP Cumulative Costs: \$5,100,389

AFE: 257162 Present Operation: MIRU

DFS: 107 MIRU

01/11/2008 Daily Cost: \$181,969

COMP Cumulative Costs: \$4,785,089

AFE: 257162 Present Operation: WAITING ON TRUCKS

DFS: 103 LAY DOWN 3 1/2 DP AND SETTING TOOL COMPOSITE PLUG FAILED WAS LEFT IN HOLE NIPPLE DOWN BOP AND SET OUT NIPPLE UP 7 1/16 FRAC VALVE JET AND CLEAN PITS RIG RELEASED AT 05:00 1-11-2008

01/11/2008 Depth 15,525 Daily Cost: \$79,247

DRLG Progress 0 Cumulative Costs: \$4,785,089

AFE: 257162 Present Operation: WAITING ON TRUCKS

DFS: 103 LAY DOWN 3 1/2 DP AND SETTING TOOL COMPOSITE PLUG FAILED WAS LEFT IN HOLE NIPPLE DOWN BOP AND SET OUT NIPPLE UP 7 1/16 FRAC VALVE JET AND CLEAN PITS RIG RELEASED AT 05:00 1-11-2008

01/10/2008 Daily Cost: \$45,567

COMP Cumulative Costs: \$4,523,873

AFE: 257162 Present Operation: LAYING DOWN 3 1/2 DP

DFS: 102 BUILD 12# KILL MUD SIDPP = 550 SICP = 900 DISPLACE HOLE WITH 12# KILL MUD WELL DEAD NO PROBLEMS
CONTINUE CIRCULATING RIG UP BAKER WIRELINE RUN IN HOLE AND SET PLUG IN DP AT 10533' POH RIG DOWN
WIRELINE UNIT TOH LAYING DOWN DP NO PROBLEMS

01/10/2008 Depth 15,525 Daily Cost: \$34,963

DRLG Progress 0 Cumulative Costs: \$4,523,873

AFE: 257162 Present Operation: LAYING DOWN 3 1/2 DP

DFS: 102 BUILD 12# KILL MUD SIDPP = 550 SICP = 900 DISPLACE HOLE WITH 12# KILL MUD WELL DEAD NO PROBLEMS
CONTINUE CIRCULATING RIG UP BAKER WIRELINE RUN IN HOLE AND SET PLUG IN DP AT 10533' POH RIG DOWN
WIRELINE UNIT TOH LAYING DOWN DP NO PROBLEMS

01/09/2008 Daily Cost: \$112,280

COMP Cumulative Costs: \$4,443,343

AFE: 257162 Present Operation: BUILD KILL MUD

CIMAREX ENERGY CO**424093-064.01 CIMAREX UNIVERSITY 18-38 2H**County, St: Ward, TX
Location: SEC. 18, BLK. 38Spud Date: 09/30/2007 W.I. Pct BCP: 100.00 %
Formation: rd Bone Spgs, Lower D Sa W.I. Pct ACP: %
Prop Depth: 16100 Sec/TS/Rng: 18

DFS: 101 CONTINUE CIRCULATE OUT GAS TRIP IN HOLE TAKING WT AT 14338' WOULD NOT GO ANY DEEPER WORK PIPE INDICATIONS WERE THAT PINS HAD SHEARED IN RSB PKR PIPE FREE COMING UP COULD NOT GO DOWN LOSING HOLE HELD SAFETY MEETING RIG UP KEY PUMP TRUCK TEST LINES TO 4000 PSI OK FILL ANNULAR 44 BBLs & FILL DP 24 BBLs WITH 10# BRINE PUMPING 2 BPM AT 500 PSI SHUT DOWN DROP BALL & PUMP INTO SEAT WITH 1350 PSI SET PKRS IN 250 PSI INCREMENTS ALL PKRS SET AT 2750 PSI PUMP OUT PLUG BLEW OUT PRESSURE FELL TO 400 PSI TEST CSG TO 1000 PSI HELD OK RIG DOWN KEY PUMPTRUCK PERFORMED PUSH / PULL TEST ON RSB PKR -- PKR SET AT 10,572' ROTATE OUT OF RSB SHUT WELL IN MONITOR CSG PRESSURE WHILE BUILDING KILL MUD CSG PRESSURE STABLE AT 780 PSI BUILD 600 BBL KILL MUD TO 12#. RECOVERED 50 BBLs OIL

01/09/2008 Depth 15,525 Daily Cost: \$10,894
DRLG Progress 0 Cumulative Costs: \$4,443,343

AFE: 257162 Present Operation: BUILD KILL MUD

DFS: 101 CONTINUE CIRCULATE OUT GAS TRIP IN HOLE TAKING WT AT 14338' WOULD NOT GO ANY DEEPER WORK PIPE INDICATIONS WERE THAT PINS HAD SHEARED IN RSB PKR PIPE FREE COMING UP COULD NOT GO DOWN LOSING HOLE HELD SAFETY MEETING RIG UP KEY PUMP TRUCK TEST LINES TO 4000 PSI OK FILL ANNULAR 44 BBLs & FILL DP 24 BBLs WITH 10# BRINE PUMPING 2 BPM AT 500 PSI SHUT DOWN DROP BALL & PUMP INTO SEAT WITH 1350 PSI SET PKRS IN 250 PSI INCREMENTS ALL PKRS SET AT 2750 PSI PUMP OUT PLUG BLEW OUT PRESSURE FELL TO 400 PSI TEST CSG TO 1000 PSI HELD OK RIG DOWN KEY PUMPTRUCK PERFORMED PUSH / PULL TEST ON RSB PKR -- PKR SET AT 10,572' ROTATE OUT OF RSB SHUT WELL IN MONITOR CSG PRESSURE WHILE BUILDING KILL MUD CSG PRESSURE STABLE AT 780 PSI BUILD 600 BBL KILL MUD TO 12#. RECOVERED 50 BBLs OIL

01/08/2008 Depth 15,525 Daily Cost: \$6,007
DRLG Progress 0 Cumulative Costs: \$4,320,169

AFE: 257162 Present Operation: circ off gas at 14260'

DFS: 100 CONTINUE PICKING UP LINER AND PKRS, SHEARED PIN IN LINER PACKER WHILE MAKING UP REPLACED PIN AND MADE UP TRIP IN HOLE WITH LINER RUNNING DP FROM DERRICK - FULL HYDROMATIC - TO 5000' CIRC 12# KILL MUD OUT OF HOLE TRIP IN HOLE WITH LINER RUNNING DP FROM DERRICK - FULL HYDROMATIC - TO 8282' CIRC 12# KILL MUD OUT OF HOLE TRIP IN HOLE WITH LINER RUNNING DP FROM DERRICK - FULL HYDROMATIC - TO 11151' CIRC 12# KILL MUD OUT OF HOLE TRIP IN HOLE THRU WINDOW TIGHT AT 14260' CSG PRESSURE 700 PSI CIRC GAS OUT OF WELL AT 14,260' CSG PRESSURE=1400 PSI ON 1/4 CHOKE WITH STRONG 40' FLARE

01/08/2008 Daily Cost: \$47,683
COMP Cumulative Costs: \$4,320,169

AFE: 257162 Present Operation: circ off gas at 14260'

DFS: 100 CONTINUE PICKING UP LINER AND PKRS, SHEARED PIN IN LINER PACKER WHILE MAKING UP REPLACED PIN AND MADE UP TRIP IN HOLE WITH LINER RUNNING DP FROM DERRICK - FULL HYDROMATIC - TO 5000' CIRC 12# KILL MUD OUT OF HOLE TRIP IN HOLE WITH LINER RUNNING DP FROM DERRICK - FULL HYDROMATIC - TO 8282' CIRC 12# KILL MUD OUT OF HOLE TRIP IN HOLE WITH LINER RUNNING DP FROM DERRICK - FULL HYDROMATIC - TO 11151' CIRC 12# KILL MUD OUT OF HOLE TRIP IN HOLE THRU WINDOW TIGHT AT 14260' CSG PRESSURE 700 PSI CIRC GAS OUT OF WELL AT 14,260' CSG PRESSURE=1400 PSI ON 1/4 CHOKE WITH STRONG 40' FLARE

01/07/2008 Daily Cost: \$26,271
COMP Cumulative Costs: \$4,266,479

AFE: 257162 Present Operation: RUNNING 3 1/2 LINER

DFS: 99 CONTINUE PUMPING KILL MUD DISPLACED HOLE 350 BBLs MONITOR WELL NO FLOW TRIP OUT OF HOLE FOR LINER LAY DOWN MILLS - RIG UP LAYDOWN MACHINE - PICKUP TOOLS MAKE UP PKRS AND PICK UP LINER RUNNING SLOWLY 3100' NO PROBLEMS

01/07/2008 Depth 15,525 Daily Cost: \$10,894
DRLG Progress 0 Cumulative Costs: \$4,266,479

AFE: 257162 Present Operation: RUNNING 3 1/2 LINER

DFS: 99 CONTINUE PUMPING KILL MUD DISPLACED HOLE 350 BBLs MONITOR WELL NO FLOW TRIP OUT OF HOLE FOR LINER LAY DOWN MILLS - RIG UP LAYDOWN MACHINE - PICKUP TOOLS MAKE UP PKRS AND PICK UP LINER RUNNING SLOWLY 3100' NO PROBLEMS

01/06/2008 Daily Cost: \$26,271
COMP Cumulative Costs: \$4,229,314

AFE: 257162 Present Operation: CIRC WT'ED PILL TOP OF WINDOW

DFS: 98 Reaming 6 1/8 Hole To Run 3.5" Liner 15033' TO 15,526' NO PROBLEMS PUMP SWEEP AND CIRC OUT SPOT 150 BBL 10# BRINE IN LATERAL MAKE SHORT TO 11,188' -- TRIP IN HOLE TO 14,800' TIGHT HOLE TO 15,129' PUMP SWEEP AND CIRC OUT SPOT 150 BBL 10# BRINE IN LATERAL TRIP OUT OF HOLE TO 11,188' CIRC AND SPOT 250 BBLs OF 12# KILL MUD AT TOP OF WINDOW RECOVERED 180 BBLs OF OIL

CIMAREX ENERGY CO**424093-064.01 CIMAREX UNIVERSITY 18-38 2H**

County, St: Ward, TX

Location: SEC. 18, BLK. 38

Spud Date: 09/30/2007 W.I. Pct BCP: 100.00 %

Formation: rd Bone Spgs, Lower D Sa W.I. Pct ACP: %

Prop Depth: 16100 Sec/TS/Rng: 18

01/06/2008	Depth	15,525	Daily Cost:	\$11,419
DRLG	Progress	492	Cumulative Costs:	\$4,229,314
AFE: 257162	Present Operation: CIRC WT'ED PILL TOP OF WINDOW			
DFS: 98	Reaming 6 1/8 Hole To Run 3.5" Liner 15033' TO 15,526' NO PROBLEMS PUMP SWEEP AND CIRC OUT SPOT 150 BBL 10# BRINE IN LATERAL MAKE SHORT TO 11,188' -- TRIP IN HOLE TO 14,800' TIGHT HOLE TO 15,129' PUMP SWEEP AND CIRC OUT SPOT 150 BBL 10# BRINE IN LATERAL TRIP OUT OF HOLE TO 11,188' CIRC AND SPOT 250 BBLS OF 12# KILL MUD AT TOP OF WINDOW RECOVERED 180 BBLS OF OIL			
01/05/2008	Depth	15,033	Daily Cost:	\$23,008
DRLG	Progress	1,473	Cumulative Costs:	\$4,191,624
AFE: 257162	Present Operation: Reaming 61/8" Hole For Liner			
DFS: 97	Reaming 61/8 Hole To Run 3.5" Liner From 13560' To 13855' Check Out Noise In Drawworks Reaming 61/8 Hole To Run 3.5" Liner 13855' To 14370' Change Out Rotating Head Rubber Reaming 61/8 Hole To Run 3.5" Liner 14370' To 15033' Burning A 15/20 Foot Lazy Flare Recovered 800 Bbl. Oil Last 24 Hours			
01/05/2008			Daily Cost:	\$28,046
COMP			Cumulative Costs:	\$4,191,624
AFE: 257162	Present Operation: Reaming 61/8" Hole For Liner			
DFS: 97	Reaming 61/8 Hole To Run 3.5" Liner From 13560' To 13855' Check Out Noise In Drawworks Reaming 61/8 Hole To Run 3.5" Liner 13855' To 14370' Change Out Rotating Head Rubber Reaming 61/8 Hole To Run 3.5" Liner 14370' To 15033' Burning A 15/20 Foot Lazy Flare Recovered 800 Bbl. Oil Last 24 Hours			
01/04/2008			Daily Cost:	\$35,228
COMP			Cumulative Costs:	\$4,140,570
AFE: 257162	Present Operation: Reaming 61/8 Hole @ 13560			
DFS: 96	Reaming 61/8 Hole 12746 To 13560', No WOB, RPM 45,GPM 225, No Excessive Drag Recovered 800 Bbls. Oil Last 24 Hours Burning 15/20 Foot Lazy Flare			
01/04/2008	Depth	15,525	Daily Cost:	\$1,444
DRLG	Progress	0	Cumulative Costs:	\$4,140,570
AFE: 257162	Present Operation: Reaming 61/8 Hole @ 13560			
DFS: 96	Reaming 61/8 Hole 12746 To 13560', No WOB, RPM 45,GPM 225, No Excessive Drag Recovered 800 Bbls. Oil Last 24 Hours Burning 15/20 Foot Lazy Flare			
01/03/2008			Daily Cost:	\$30,308
COMP			Cumulative Costs:	\$4,103,898
AFE: 257162	Present Operation: Reaming With 6 1/8 Reamers			
DFS: 95	Continue to TIH with 6 1/8 reamers to 11,237'. Picked up swivel and reamed from 11,237' to 12,100'. Reaming with no problems,(no tight spots) 10' to 20' lazy flare. Half open choke 900 psi on casing.			
01/03/2008	Depth	15,525	Daily Cost:	\$11,358
DRLG	Progress	0	Cumulative Costs:	\$4,103,898
AFE: 257162	Present Operation: Reaming With 6 1/8 Reamers			
DFS: 95	Continue to TIH with 6 1/8 reamers to 11,237'. Picked up swivel and reamed from 11,237' to 12,100'. Reaming with no problems,(no tight spots) 10' to 20' lazy flare. Half open choke 900 psi on casing. 210 bbls of oil skimmed over last 24 hours.			
01/02/2008			Daily Cost:	\$28,345
COMP			Cumulative Costs:	\$4,062,232
AFE: 257162	Present Operation: Trip In Hole With 6 1/8 Reamer's			
DFS: 94	Pumped 40 bbl high vis sweep and circulated hole clean. TOH up into casing. Spotted 200 bbl 12.0 ppg mud. Monitor well and cut drilling line. Lay down 135 joints of 3.5 drill pipe. Spotted 50 bbls of 12.0. Continue to trip out of hole. Laid down directional tools and pick up reamer's. Trip in hole with 6 1/8 reamers. Skimmed 240 bbls of oil over last 24 hrs. 265 bbls of oil on location.			
01/02/2008	Depth	15,525	Daily Cost:	\$10,894
DRLG	Progress	0	Cumulative Costs:	\$4,062,232
AFE: 257162	Present Operation: Trip In Hole With 6 1/8 Reamer's			
DFS: 94	Pumped 40 bbl high vis sweep and circulated hole clean. TOH up into casing. Spotted 200 bbl 12.0 ppg mud. Monitor well and cut drilling line. Lay down 135 joints of 3.5 drill pipe. Spotted 50 bbls of 12.0. Continue to trip out of hole. Laid down directional tools and pick up reamer's. Trip in hole with 6 1/8 reamers. Skimmed 240 bbls of oil over last 24 hrs. 265 bbls of oil on location.			

CIMAREX ENERGY CO**424093-064.01 CIMAREX UNIVERSITY 18-38 2H**

County, St: Ward, TX
 Location: SEC. 18, BLK. 38

Spud Date: 09/30/2007 W.I. Pct BCP: 100.00 %
 Formation: rd Bone Spgs, Lower D Sa W.I. Pct ACP: %
 Prop Depth: 16100 Sec/TS/Rng: 18

01/01/2008	Depth	15,525	Daily Cost:	\$49,509
DRLG	Progress	375	Cumulative Costs:	\$4,022,993
AFE: 257162	Present Operation: Circulate For Trip			
DFS: 93	Drilling Slide 15168 To 15175 TF 10L WOB 55K SPM 115 Drilling Rotate 15175 To 15199 WOB 25K RPM 45 (Mtr. 117) Drilling Slide 15199 To 15204 TF HS WOB 55K SPM 115 Drilling Rotate 15204 To 15231 WOB 25K RPM 45 (Mtr. 117) Drilling Slide 15231 To 15236 TF HS WOB 55K SPM 115 Drilling Rotate 15236 To 15263 WOB 25K RPM 45 (Mtr. 117) Drilling Slide 15263 To 15271 TF HS WOB 55K SPM 115 Drilling Rotate 15271 To 15525 WOB 25K RPM 45 (Mtr. 117) Drlg. With 15/25 Foot Lazy Flare Circ. Cond Hole For Trip Pump Hi-Vis Sweeps, Hold 1000 PSI Back Pressure To Stop Influx Final Flare 6/10' Lazy Recovered 240 Bbls. Oil Last 24 Hrs.			
12/31/2007	Depth	15,150	Daily Cost:	\$46,110
DRLG	Progress	220	Cumulative Costs:	\$3,973,484
AFE: 257162	Present Operation: Drilling With 10 to 15 Ft Lazy Flare			
DFS: 92	Continue to TIH with bit # 8 to 7000 ft. Displaced 12.0 ppg mud out of hole with 10.0 ppg brine water. Continue to trip in hole to top of window, filling hole ever 40 stands with 10.0 ppg brine water. Displaced 12.0 ppg mud out of hole with 10.0 ppg brine water. Continue to trip in hole thru window and down to 14,832'. Picked up swivel, Washed and reamed from 14,832' to 14,910'. Relog from 14,910' to 14,930'. Rotate drilling from 14,930' to 14,977'. WOB=25k, RPM=40, SPM=115, 10 to 15 foot lazy flare , 120 psi on casing full open choke. Slide drilling from 14,977' to 14,982'. WOB=55k, SPM=115, TF=112L, 10 to 15 foot lazy flare, 120 psi on casing full open choke. Rotate drilling from 14,982' to 15,104'. WOB=25k, RPM=40, SPM=115, 10 to 15 foot lazy flare , 120 psi on casing full open choke. Slide drilling from 15,104' to 15,109'. WOB=55k, SPM=115, TF=112L, 10 to 15 foot lazy flare, 120 psi on casing full open choke. Rotate drilling from 15,109' to 15,150'. WOB=25k, SPM=115, RPM=40, 10 to 15 foot lazy flare, 120 psi on casing full open choke. 75 bbls of oil skimmed last 24 hrs			
12/30/2007	Depth	14,930	Daily Cost:	\$56,357
DRLG	Progress	0	Cumulative Costs:	\$3,927,374
AFE: 257162	Present Operation: Trip In Hole Bit # 8			
DFS: 91	Continue to TOH for bit #8 up into casing. Pumped 300 bbls of 12.0 ppg mud. Countinue to TOH for bit #8. Lighten mud up in trip tank, well was taking to much fluid. Continue to TOH for bit #8. Well had small flow. Reconditioned mud in well and built up volume of 12.0 ppg mud. Continue to trip out of hole for bit #8. Changed bit, motor and MWD out on BHA, test MWD and motor. (Test OK) Trip in hole with bit #8. Skimmed 70 BBLs of oil last 24 hrs.			
12/29/2007	Depth	14,930	Daily Cost:	\$51,499
DRLG	Progress	301	Cumulative Costs:	\$3,871,017
AFE: 257162	Present Operation: Trip Out Of Hole For Bit # 8			
DFS: 90	Rotate drilling from 14,629' to 14,725'. RPM=45 SPM=115 WOB=25k 10 to 15 foot lazy flare 100 psi on casing full open choke. Slide drilling from 14,725' to 14,729'. RPM=45 WOB=55k SPM=115 10 to 15 foot lazy flare 100 psi on casing full open choke. Rotate drilling from 14,629' to 14,842'. RPM=45 SPM=115 WOB=25k 10 to 20 foot lazy flare 150 psi on casing full open choke. Slide drilling from 14,842' to 14,847'. WOB=55k SPM=114 TF=160L 10 to 20 foot lazy flare 160 psi on casing full open choke. Rotate drilling from 14,847' to 14,883'. WOB=25 SPM=115 RPM=45 10 to 20 foot lazy flare 160 psi on casing full open choke. Slide drilling from 14,883' to 14,886'. WOB=55 SPM=115 TF=20L 10 to 20 foot lazy flare 160 psi on casing full open choke. Rotate drilling from 14,886' to 14,930'. WOB=25k SPM=115 RPM=45 10 to 20 foot lazy flare 160 psi full open choke. Pumped 50 bbl high vis sweep and circulate hole clean. Shut well in and TOH up in casing. 2000' out of hole and shut in pressure was 1100 psi. Skimmed 100 bbls of oil last 24 hrs			
12/28/2007	Depth	14,629	Daily Cost:	\$78,320
DRLG	Progress	354	Cumulative Costs:	\$3,819,518
AFE: 257162	Present Operation: DRILLING			
DFS: 89	Rotate drilling from 14,275' to 14,343'. RPM=45 WOB=30k SPM=114. 10 to 15 foot lazy flare. Slide drilling from 14,343' to 14,350'. WOB=50 SPM=114 TF=45R. Rotate drilling from 14,350' to 14,421'. RPM=45 WOB=30k SPM=114. 10 to 15 foot lazy flare. Connection & Survey @ 14,373'. Rotate drilling from 14,421' to 14,438'. RPM=45 WOB=30k SPM=114 10 to 15 foot flare. Slide drilling from 14,438' to 14,445'. WOB=55k TF=10R SPM=115 Rotate drilling from 14,445' to 14,580'. WOB=25k RPM=45 SPM=115 10 to 15 lazy flare. Connection & Survey @ 14,532'. Rotate drilling from 14,580' to 14,14,629'. WOB=25k SPM=115 RPM=45. 10 to 15 foot lazy flare. 135bbls of oil over last 24 hrs. Casing pressure 100 psi full open chock.			
12/27/2007	Depth	14,275	Daily Cost:	\$41,362
DRLG	Progress	171	Cumulative Costs:	\$3,741,198
AFE: 257162	Present Operation: DRILLING			
DFS: 88	Contiue to TIH to to of window. Displaced 12.0 mud out with 9.4 cut brine. TIH to 13,983',picked up swivel and relog from 13,983' to 14,104'. Rotate drilling from 14,104' to 14,136'. Rpm=40 WOB=30 15 foot lazy flare. Connection & Survey at 14,088'. Rotate drilling from 14,136' to 14,184'. RPM=40 WOB=30k SPM=114 10 to 15 foot lazy flare. Slide drilling from 14,184' to 14,191'. WOB=40k SPM=114 TF=Hs. 10 to 15 foot lazy flare Rotate drilling from 14,191' to 14,215' RPM=40 SPM=114 WOB=30k 10 to 15 foot lazy flare. Orient Tool Face. Slide drilling from 14,215' to 14,220'. TF=Hs WOB=40k SPM=114. 10 to 15 foot lazy flare. Rotate drilling from 14,220' to 14,275'. RPM=40 WOB=30k SPM=114 10 to 15 foot lazy flare. Oil skimmed last 24 hrs =120 bbls			

CIMAREX ENERGY CO**424093-064.01 CIMAREX UNIVERSITY 18-38 2H**

County, St: Ward, TX

Location: SEC. 18, BLK. 38

Spud Date: 09/30/2007 W.I. Pct BCP: 100.00 %

Formation: rd Bone Spgs, Lower D Sa W.I. Pct ACP: %

Prop Depth: 16100 Sec/TS/Rng: 18

12/26/2007	Depth	14,104	Daily Cost:	\$41,260
DRLG	Progress	0	Cumulative Costs:	\$3,699,836
AFE: 257162	Present Operation:	Trip In Hole, Present Depth 10,600		
DFS: 87	Laid down 3 joints and picked up swivel ,broke circulation. Reelog from 13,988' to 14,105 ,troubleshoot MWD (Gamma). Shut in casing and trip out of hole up in casing. MWD failure. (Shut in pressure 400 psi) No tight spots. Pump 250 bbls of 12.0 ppg of kill mud, monitor well for flow. TOH (MWD failure) Changed out MWD and checked bit and motor,test MWD. (Test OK) Trip in hole filling drill pipe every 40 stands. Skimmed 50 bbls of oil last 24 hours,total oil recoverd is360 bbls.			
12/25/2007	Depth	14,104	Daily Cost:	\$45,510
DRLG	Progress	0	Cumulative Costs:	\$3,658,576
AFE: 257162	Present Operation:	RELOG WELLBORE 13,977-14104		
DFS: 86	CONTINUE TRIPPING OUT OF HOLE FOR MWD LAY DOWN BHA #7, PU BHA #8 , CHANGED MOTOR, MWD, FLOAT SUB TEST MWD & MOTOR OK TRIP IN HOLE TO TOP OF WINDOW INSTALL BEARING PACK CIRC DISPLACING 12# MUD -- CUT & SLIP DRILLING LINE TRIP IN HOLE THRU WINDOW TO 13,977 LAID DOWN 3 JTS PICKED UP SWIVEL			
12/24/2007	Depth	14,104	Daily Cost:	\$45,150
DRLG	Progress	121	Cumulative Costs:	\$3,613,066
AFE: 257162	Present Operation:	Trip Out Of Hole For MWD Failure		
DFS: 85	Rotate drilling from 13,982' to 14,009'. WOB=18k RPM=40 SPM=110.10 to 15 foot lazy flare. Connection & Survey @ 13,961'. Rotate drilling from 14,009' tp 14,089'. WOB=18k RPM=40 SPM=110 10 to 15 foot lazy flare. Slide drilling from 14,089' to 14,095'. TF=Hs WOB=40 SPM=110. Ream slide. Troubleshoot MWD (Unsuccessful) Rotate drilling from 14,095' to 14,104'. WOB=18k RPM=40 SPM=110 10 to 15 foot lazy flare. Pump 50 bbl high vis sweep and circulated hole clean. Set back swivel and laid down 1 joint,TOH with 45 stands up into casing. Spotted 250 bbl 12.0 ppg pill to kill well. Continue to TOH for MWD failure, keeping hole full with 10.0 ppg brine water. Bit #7 Has 22 rotating hrs 2 Sliding hrs 14 circulating hrs. Total of 38 Hrs. Skimmers made 80 bbls of oil in last 24 hrs.			
12/23/2007	Depth	13,983	Daily Cost:	\$44,267
DRLG	Progress	0	Cumulative Costs:	\$3,567,916
AFE: 257162	Present Operation:	WASH TO BOTTOM		
DFS: 84	REPAIR POWER SWIVEL MONITOR CSG PRESSURE MAX. READING 750 PSI , CIRCULATE BOTTOMS UP TRIP IN HOLE PICKUP SWIVEL & 1 JT. BREAK CIRC WASH 10' TO BOTTOM RECOVERED 45 BBLS OF OIL FOR A TOTAL OF 150 BBLS			
12/22/2007	Depth	13,983	Daily Cost:	\$58,553
DRLG	Progress	134	Cumulative Costs:	\$3,523,649
AFE: 257162	Present Operation:	POWER SWIVEL DOWN CIRC SWEEP TO TRIP INTO CSG		
DFS: 83	TRIP IN HOLE WITH BIT #7 to 11198' FILL EVERY 40 STANDS DISPLACE 12# MUD OUT OF HOLE TRIP IN HOLE THRU WINDOW TO 13,829'. PICKUP SWIVEL, BROKE CIRCULATION AND RELOG FROM 13,829' TO 13,849'. CIRCULATED BOTTOMS UP GAS. 1600 PSI ON CASING WITH 30 FOOT STRONG FLARE WITH CHOKE ON 3/4 CLOSED. ROTATE DRILLING FROM 13,849' TO 13,983'. WOB=18K RPM=40 SPM=110 10-20' LAZY FLARE. FULL OPEN CHOKE CSG PSI=82 .MADE 134' @ 14.9 FPH POWER SWIVEL BROKE PUMP SWEEP & CIRC OUT WAIT ON MECHANIC (TESCO) RECOVERED 55 BBLS OIL FOR A TOTAL OF 105 BBLS			
12/21/2007	Depth	13,849	Daily Cost:	\$47,945
DRLG	Progress	7	Cumulative Costs:	\$3,465,096
AFE: 257162	Present Operation:	TRIPPING IN HOLE W/BIT #7		
DFS: 82	Slide drilling f / 13842' - 13844" GTF = 190L, WOB =35K, SPM = 145 @ 2200 PSI, 198 GPM MADE 2' AT 4 FPH Rotary drilling f / 13844' - 13849' WOB =18K, SPM = 145 @ 2200 PSI, 198 GPM MADE 5' AT 10 FPH PUMP HI VIS SWEEP AND CIRC OUT PUMP 100 BBLS 10# BRINE THRU LATERAL SET SWIVEL BACK LAY DOWN 2 JOINTS PULL 41 STANDS TO TOP OF WINDOW SPOT 200 BBL 12# MUD AT TOP OF WINDOW MONITOR WELL FOR 30 MIN NO FLOW WELL STABLE TRIPPING OUT OF HOLE FOR BIT # 7 CHANGE OUT BIT AND MOTOR TEST OK TRIP IN HOLE WITH BIT #7 FILL EVERY 40 STANDS			
12/20/2007	Depth	13,842	Daily Cost:	\$40,404
DRLG	Progress	332	Cumulative Costs:	\$3,417,151
AFE: 257162	Present Operation:	Drilling		
DFS: 81	Rotate drilling from 13,510' to 13,648'. WOB=18k RPM=40 SPM=100 10 to 15 foot lazy flare. Connection & Survey @ 13,610'. Rotate drilling from 13,648' to 13,776'.WOB=18k RPM=40 SPM=1000 10 to 20 foot lazy flare. Connection & Survey @13,738 Rotate drilling from 13,776 to 13,793'. WOB=18k RPM=40 SPM=100 10 to 20 foot lazy flare. Slide drilling from 13,793 to 13,797'. TF=190L WOB=35k SPM=145 10 to 20 foot lazy flare. Rotate drilling from 13,797' to 13,840'. WOB=18k RPM=40 SPM=145 10 to 20 foot lazy flare. Slide drilling from 13,840 to 13,842'. TF=10R WOB=35k SPM=100.			

CIMAREX ENERGY CO**424093-064.01 CIMAREX UNIVERSITY 18-38 2H**County, St: Ward, TX
Location: SEC. 18, BLK. 38Spud Date: 09/30/2007 W.I. Pct BCP: 100.00 %
Formation: rd Bone Spgs, Lower D Sa W.I. Pct ACP: %
Prop Depth: 16100 Sec/TS/Rng: 18

12/19/2007	Depth	13,510	Daily Cost:	\$111,292
DRLG	Progress	180	Cumulative Costs:	\$3,376,747
AFE: 257162	Present Operation:	Drilling 25' per hr @ 13,510		
DFS: 80	Continoue to change out swivels to a 4.5 swivel. Trip in hole and laid down 1 joint. Picked up swivel and washed to bottom , circulated gas out. Rotate drilling from 13,330 to 13,393. WOB=18k RPM=40 SPM=145 10 Foot lazy flare. Slide drilling from 13,393 to 13,398'. TF=200L WOB=35k SPM=145 10Foot lazy flare. Rotate drilling from 13,398' to 13,425'. WOB=18k RPM=40 SPM=145. 10 to 15 foot lazy flare. Slide drilling from 13,425' to 13,429'. TF=160R WOB=35k SPM=100. Rotate drilling from 13,429' to 13,474'. WOB=18k RPM=40 SPM=100. 10 to 15 foot lazy flare. Slide drilling from 13,474' to 13,478'. TF=10R WOB=38 RPM=40 SPM=100 10 foot lazy flare. Rotate drilling from 13,478' to 13,510' 10 to 15 foot lazy flare.			
12/18/2007	Depth	13,330	Daily Cost:	\$44,621
DRLG	Progress	128	Cumulative Costs:	\$3,265,455
AFE: 257162	Present Operation:	Change Out 3.5 Swivel To 4.5 Swivel		
DFS: 79	Rig Repair.Replaced drop box. Calibrate Depth Tracker,Survey & Orient Tool Face. Slide drilling from 13,202' to 13,208' TF=10R WOB=35k Spm=114 5' to 10' lazy flare. 1/2 Chock 250 psi on casing. Rotate drilling from 13,208' to 13,246' Wob=18k Rpm=40 Spm=114 10 Foot lazy flare. Slide drilling from 13,246' to 13,253'. TF=10R Wob=35k Spm= 114 3/4 chock=500 Psi on casing 10 Foot lazy flare. Rotate drilling from 13,253' to 13,263'. Wob=18k Rpm=40 Spm=114 3/4 Chock 500 Psi on casing. 10 Foot lazy flare. Slide drilling from 13,263' to 13,266'. TF=10R Wob=35k Spm=114 1/2 Chock 250 Psi 10 Foot lazy flare Connection & Survey @ 13,228'. Slide drilling from 13,266' to 13,276'.TF=HS Wob=35 Rpm=40 Spm=114. 1/2 Chock=250 Psi 10 to 15 Foot lazy flare. Rotate drilling from 13,276' to 13,330'. Wob=18k Rpm=40 Spm=114. 1/2 Chock= 250Psi 10 to 15 Foot lazy flare. Pump 50 bbl high vis sweep and circulated. Trip out of hole into casing to change out swivel. NO PROBLEMS Rig down 3.5 swivel and rig up 4.5 swivel.			
12/17/2007	Depth	13,202	Daily Cost:	\$41,313
DRLG	Progress	159	Cumulative Costs:	\$3,220,834
AFE: 257162	Present Operation:	RIG REPAIR		
DFS: 78	Rot drlg f / 13043' - 13063' WOB =16K, SPM = 114 @ 2450 PSI, CSG PSI=150, 225 GPM MADE 20' AT 13.3 FPH 15' LAZY FLARE Slide drilling f / 13063' - 13067' GTF = 120R, WOB =30K, SPM = 114 @ 2450 PSI, CSG PSI=150, 225 GPM MADE 4' AT 8 FPH 15' LAZY FLARE Rot drlg f / 13066' - 13124' WOB =16K, SPM = 114 @ 2450 PSI, CSG PSI=150, 225 GPM MADE 58' AT 14 FPH 15' LAZY FLARE Slide drilling f / 13124' - 13130' GTF =50R, WOB=30K, SPM =114 @ 2450 PSI, CSG PSI=150, 225 GPM MADE 6' AT 12 FPH 15' LAZY FLARE Rot drlg f / 13130'- 13171' WOB =16K, SPM = 114 @ 2450 PSI, CSG PSI=150, 225 GPM MADE 41' AT 11.7 FPH 15' LAZY FLARE Slide drilling f / 13171' - 13177' GTF =6R, WOB=30K, SPM =114 @ 2450 PSI, CSG PSI=150, 225 GPM MADE 6' AT 12 FPH 15' LAZY FLARE Rot drlg f / 13177' - 13202' WOB =16K, SPM = 114 @ 2450 PSI, CSG PSI=150, 225 GPM MADE 25' AT 10 FPH 15' LAZY FLARE RIGHT ANGLE GEAR BOX BROKE CHANGED OUT -- CIRCULATED BOTTOMS UP THEN REDUCED PUMP RATE TO 130 GPS ROTATEING PIPE SLOW COULD NOT WORK PIPE RIG SHOULD BE REPAIRED BY 6:00 AM 12-17-2007			
12/16/2007	Depth	13,043	Daily Cost:	\$49,859
DRLG	Progress	24	Cumulative Costs:	\$3,179,521
AFE: 257162	Present Operation:	Drilling		
DFS: 77	Trip out of hole. Change out bottom hole assembly and test motor and MWD. Serviced Rig. Trip in hole with new drilling assembly,filling drill pipe every 40 stands. To 11,171'. Installed High Pressure bearing pack. Trip in hole with new drilling assembly, To 11,220'. Displaced hole 9.6 cut brine and cut drilling line and ajusted brake. Trip in hole through window to 12,992'. Pickup power swivel and broke circulation. Relog from 12,992' to 13,018'. Rotate drilling from 13,018' to 13,043'. WOB=18k RPM=40 SPM=114. (10 Ft Lazy Flare)			
12/15/2007	Depth	13,019	Daily Cost:	\$61,136
DRLG	Progress	128	Cumulative Costs:	\$3,129,662
AFE: 257162	Present Operation:	Trip Out Of Hole		
DFS: 76	Rotate drilling from 12,891' to 12,897' WOB 16k RPM=40 SPM=114, 15 foot lazy flare. Relog from 12,891' to 12,897' Rotate from 12,897' to 12,971' WOB 18k. RPM=40 SPM=114 ,15 foot lazy flare. Slide drilling from 12,971' to 12,975' TF=160R WOB 35k. SPM=114 , 15 foot lazy flare. Rotate drilling from 12,975' to 13,018 WOB 18k.RPM=40 SPM=114, 15 foot lazy flare. Wait on orders from geologist. Troubleshoot Drilling assembly motor. (Could not circulate due to high pressure) Pump 50 bbl High Vis sweep and circulated hole with 10 ppg brine water. Trip out of hole to 11,206 up in casing. Watch for flow. Spot 150 bbls of 12 ppg mud and monitor well. Pulled high pressure bearing pack. Trip out of hole.			
12/14/2007	Depth	12,891	Daily Cost:	\$45,864
DRLG	Progress	296	Cumulative Costs:	\$3,068,526
AFE: 257162	Present Operation:	DRILLING 20.5 FPH @ 12,891'		

CIMAREX ENERGY CO**424093-064.01 CIMAREX UNIVERSITY 18-38 2H**County, St: Ward, TX
Location: SEC. 18, BLK. 38Spud Date: 09/30/2007 W.I. Pct BCP: 100.00 %
Formation: rd Bone Spgs, Lower D Sa W.I. Pct ACP: %
Prop Depth: 16100 Sec/TS/Rng: 18

DFS: 75 Rotary drilling f / 12,595' - 12,607' WOB =16K, SPM = 114 @ 2600 PSI, 225 GPM MADE 12' AT 12 FPH Orientate tool face Slide drilling f / 12,607' - 12,612' GTF = 160R, WOB =30K, SPM = 114 @ 2600 PSI, 225 GPM MADE 5' AT 10 FPH Rotary drilling f / 12,612' - 12,637' WOB =16K, SPM = 114 @ 2600 PSI, 225 GPM MADE 25' AT 25 FPH CONNECTION AND SURVEY @ 12,593' Slide drilling f / 12,637' - 12,641' GTF = 130R, WOB =30K, SPM = 114 @ 2600 PSI, 225 GPM MADE 4' AT 4 FPH Rotary drilling f / 12,641' - 12,654' WOB =16K, SPM = 114 @ 2600 PSI, 225 GPM MADE 13' AT 26 FPH WORK ON IGNITOR Rotary drilling f / 12,654' - 12,754' WOB =16K, SPM = 114 @ 2600 PSI, 225 GPM MADE 100' AT 15.4 FPH Slide drilling f / 12,754' - 12,758' GTF = 130R, WOB =30K, SPM = 114 @ 2600 PSI, 225 GPM MADE 4' AT 4 FPH Rotary drilling f / 12,758' - 12,796' WOB =16K, SPM = 114 @ 2600 PSI, 225 GPM MADE 38' AT 15 FPH Connection and orientate tool face CHANGE PUMPS Slide drilling f / 12,796' - 12,801' GTF = 130R, WOB =30K, SPM = 143 @ 1630 PSI, 196 GPM MADE 5' AT 5 FPH Rotary drilling f / 12,801' - 12,828' WOB =16K, SPM = 143 @ 1630 PSI, 196 GPM MADE 27' AT 10.8 FPH Slide drilling f / 12,828' - 12,834' GTF = 130R, WOB =30K, SPM = 114 @ 2600 PSI, 225 GPM MADE 6' AT 6 FPH Rotary drilling f / 12,834' - 12,891' WOB =16K, SPM = 114 @ 2600 PSI, 225 GPM MADE 57' AT 16 FPH
NOTES: 2-3' INTERMITTANT FLARE

12/13/2007 Depth 12,595 Daily Cost: \$49,715
DRLG Progress 387 Cumulative Costs: \$3,022,662

AFE: 257162 Present Operation: Drilling 21.3 fph @ 12595'

DFS: 74 Rotary drilling f / 12,208' - 12,255' WOB =16K, SPM = 114 @ 2500 PSI, 225 GPM MADE 47' AT 15.7 FPH Slide drilling f / 12,255' - 12,259' GTF = 180, WOB =30K, SPM = 114 @ 2550 PSI, 225 GPM MADE 4' AT 8 FPH Rotary drilling f / 12,259' - 12,350' WOB =16K, SPM = 114 @ 2550 PSI, 225 GPM MADE 91' AT 16.5 FPH Slide drilling f / 12,350' - 12,354' GTF = 180, WOB =30K, SPM = 114 @ 2600 PSI, 225 GPM MADE 4' AT 8 FPH Rotary drilling f / 12,354' - 12,399' WOB =16K, SPM = 114 @ 2600 PSI, 225 GPM MADE 45' AT 18 FPH Slide drilling f / 12,399' - 12,403' GTF = 180, WOB =30K, SPM = 114 @ 2600 PSI, 225 GPM MADE 5' AT 5 FPH Rotary drilling f / 12,403' - 12,478' WOB =16K, SPM = 114 @ 2600 PSI, 225 GPM MADE 75' AT 18 FPH conn and survey @ 12,434 Rotary drilling f / 12,478' - 12,595' WOB =16K, SPM = 114 @ 2600 PSI, 225 GPM MADE 117' AT 18 FPH

12/12/2007 Depth 12,208 Daily Cost: \$57,034
DRLG Progress 24 Cumulative Costs: \$2,972,947

AFE: 257162 Present Operation: DRILLING 22 FPH @ 12208

DFS: 73 TRIP OUT OF HOLE FOR MWD NO PROBLEMS CHANGE OUT BHA , TEST OK TRIP IN HOLE WITH BHA #5 FILL EVERY 40 STANDS NO PROBLEMS PU SWIVEL AND BREAK CIRC. RELOG HOLE F/ 12219' - 12184' OK Rotary drilling f / 12,184' - 12,208' WOB =16K, SPM = 114 @ 2450 PSI, 225 GPM MADE 24' AT 12 FPH

12/11/2007 Depth 12,184 Daily Cost: \$37,994
DRLG Progress 282 Cumulative Costs: \$2,915,913

AFE: 257162 Present Operation: TRIP FOR MWD

DFS: 72 Rotary drilling f / 11,902' - 11,906' WOB =16K, SPM = 114 @ 2450 PSI, 225 GPM MADE 4' AT 8 FPH connection and survey @ 11,862 Rotary drilling f / 11,906' - 11,955' WOB =16K, SPM = 114 @ 2450 PSI, 225 GPM MADE 49' AT 14 FPH Slide drilling f / 11,955' - 11,959' GTF = HS, WOB =30K, SPM = 114 @ 2450 PSI, 225 GPM MADE 4' AT 8 FPH Rotary drilling f / 11,959' - 11,972' WOB =16K, SPM = 114 @ 2450 PSI, 225 GPM MADE 13' AT 13 FPH Service rig Rotary drilling f / 11,972' - 12,034' WOB =16K, SPM = 114 @ 2450 PSI, 225 GPM MADE 62' AT 17 FPH Slide drilling f / 12,034' - 12,040' GTF = 10L, WOB =30K, SPM = 114 @ 2450 PSI, 225 GPM MADE 6' AT 6 FPH Rotary drilling f / 12,040' - 12,129' WOB =16K, SPM = 114 @ 2450 PSI, 225 GPM MADE 89' AT 14 FPH connection & survey @ 12085' Rotary drilling f / 12,129' - 12,166' WOB =16K, SPM = 114 @ 2450 PSI, 225 GPM MADE 37' AT 24 FPH gamma spikes -- relog F / 12160' - 12166' Rotary drilling f / 12,166' - 12,177' WOB =16K, SPM = 114 @ 2450 PSI, 225 GPM MADE 11' AT 22 FPH gamma spikes -- relog F / 12156' - 12,177' Rotary drilling f / 12,177' - 12,184' WOB =16K, SPM = 114 @ 2450 PSI, 225 GPM MADE 10' AT 20 FPH pump 30 bbl sweep and circ out for TOH FOR MWD

12/10/2007 Depth 11,902 Daily Cost: \$36,183
DRLG Progress 106 Cumulative Costs: \$2,877,919

AFE: 257162 Present Operation: TROUBLESHOOT MWD & PASON

DFS: 71 TIH with Black Viper Directional assembly and Bit # 4 to Fill drillstring every two rows. Install bearing pack. Relog from 11,552' 11,796' mwd working properly Slide drilling f / 11,796' - 11,803' GTF = 160R, WOB =30K, SPM = 114 @ 2450 PSI, 225 GPM MADE 7' AT 7 FPH Rotary drilling f / 11,803' - 11,828' WOB =16K, SPM = 114 @ 2450 PSI, 225 GPM MADE 25' AT 16.7 FPH Slide drilling f / 11,828' - 11,834' GTF = 170R, WOB =30K, SPM = 114 @ 2450 PSI, 225 GPM MADE 6' AT 12 FPH Rotary drilling f / 11,834' - 11,859' WOB =16K, SPM = 114 @ 2450 PSI, 225 GPM MADE 25' AT 12.5 FPH Slide drilling f / 11,859' - 11,865' GTF = 170R, WOB =30K, SPM = 114 @ 2450 PSI, 225 GPM MADE 6' AT 12 FPH Rotary drilling f / 11,865' - 11,891' WOB =16K, SPM = 114 @ 2450 PSI, 225 GPM MADE 26' AT 13 FPH Slide drilling f / 11,891' - 11,899' GTF = 170L, WOB =30K, SPM = 114 @ 2450 PSI, 225 GPM MADE 8' AT 16 FPH Rotary drilling f / 11,899' - 11,902' WOB =16K, SPM = 114 @ 2450 PSI, 225 GPM MADE 3' AT 6 FPH Gamma spiked not logging correctly change out computer relog f / 11,898' - 11,902' trouble shoot pason working properly cont drilling

CIMAREX ENERGY CO**424093-064.01 CIMAREX UNIVERSITY 18-38 2H**County, St: Ward, TX
Location: SEC. 18, BLK. 38Spud Date: 09/30/2007 W.I. Pct BCP: 100.00 %
Formation: rd Bone Spgs, Lower D Sa W.I. Pct ACP: %
Prop Depth: 16100 Sec/TS/Rng: 18

12/09/2007	Depth	11,796	Daily Cost:	\$51,827
DRLG	Progress	0	Cumulative Costs:	\$2,841,736
AFE: 257162	Present Operation:	TIH With Directional Assembly And Bit # 4		
DFS: 70	<p>TIH with wireline tools on sandline and retrieve MWD probe.TOH with MWD probe and lay down same.Circulate drillpipe capacity. TIH with replacement MWD probe and seat in UBHO.TOH with sandline and wireline tools.MWD probe did not release.TIH with MWD probe and seat in UBHO.TOH with sandline and wireline tools.Laydown wireline tools. Attempt to test MWD probe,no test.Work drillstring in an attempt to seat MWD probe,test and no test. Air slips for drillpipe cracked.Circulate and wait on replacement air slips.Install new air slips. TIH with sandline and wireline tools.TOH with sandline and wireline tools.Did not recover MWD probe.TIH with sandline and wireline tools.TOH with sandline and wireline tools.Did not recover MWD probe.Lay down wireline tools. Circulate out gas. TOH with Black Viper directional assembly and Bit # 3.Attempt to retrieve MWD probe with no success.MWD probe stuck in UBHO. Lay down pony monel.Break out Bit 3.Break UBHO and lay down monel with MWD probe.Breakout UBHO and retrieve MWD from monel. Make up Bit # 4 and mud motor.Pick up monel and new UBHO and scribe.Install replacement MWD probe with larger OD centralizers. With larger OD centralizers MWD probe is not wireline retrievable.Make up pony monel.Test MWD and test good. TIH with Black Viper Directional assembly and Bit # 4.</p>			
12/08/2007	Depth	11,796	Daily Cost:	\$85,794
DRLG	Progress	124	Cumulative Costs:	\$2,789,909
AFE: 257162	Present Operation:	TIH With SandlineTo Retrieve MWD Probe		
DFS: 69	<p>Problems with Gamma count (MWD Probe). Lay down1 joint of 3 1/2" drillpipe and setback power swivel.TOH to 11,202' with no hole problems. Rig up too run sandline.Make up tools to retrieve MWD probe.TIH with wireline tools on sandline and retrieve MWD probe. TOH with MWD probe and lay down same.Circulate drillpipe capacity.TIH with replacement MWD probe and seat in UBHO. TOH with sandline and wireline tools and lay down same.Test MWD probe,test good. TIH to 11,652' with no hole problems.Pick up power swivel. Re-log from 11,652' to 11,672'. Directional drill 6 1/8" hole.Rotate drill from 11,672' to 11,695'.Slide drill from 11,695' to 11,702'.Rotate drill from 11,702' to 11,732' Slide drill from 11,732' to 11,737'.Rotate drill from 11,737' to 11,764'.Slide drill from 11,764' to 11,769'. Rotate drill from 11,769' to 11,796'.5 surveys angle 90.20° to 90.30°, no change after slides. Setback power swivel.Lay down 4 joints of 3 1/2" drillpipe.Check survey and problem with MWD. TOH to 11,173' with no hole problems to retrieve MWD probe. Unspool 6000' of sandline and spool again on drum.Make up wireline tools on sandline to retrieve MWD probe. TIH with sandline to retrieve MWD probe.</p>			
12/07/2007	Depth	11,672	Daily Cost:	\$55,133
DRLG	Progress	35	Cumulative Costs:	\$2,704,115
AFE: 257162	Present Operation:	Problem With Gamma Count		
DFS: 68	<p>TOH with Black Viper directional assembly and Bit # 2 to 4789'. Rig service. Continue TOH with Black Viper directional assembly and Bit # 2.Retrieve MWD probe.Lay down motor and breakout Bit #2. Make up new mud motor (1.69") and scribe.Install MWD probe and test,test good.Make up Bit # 3. TIH with Black Viper Directional assembly and Bit # 3 to 1411'. Repair rig engine. Continue TIH with Black Viper Directional assembly and Bit # 3 to 11,589',no hole problems.Fill drillstring every 2 rows. Pick up power swivel.TIH from 11,589' to 11,618'.Wash from 11,618' to 11,637' with no fill. Directional drill 6 1/8" hole.Slide drill from 11,637' to 11,664'.Rotate drill from 11,664' to 11,672'. Problem with Gamma count (MWD).</p>			
12/06/2007	Depth	11,637	Daily Cost:	\$39,593
DRLG	Progress	155	Cumulative Costs:	\$2,648,982
AFE: 257162	Present Operation:	TOH With Directional Assembly		
DFS: 67	<p>Directional drill 6 1/8" hole.Slide drill from 11,482' to 11,487'. Change pumps ,electrical problems with 1000 HP pump. Directional drill 6 1/8" hole.Slide drill from 11,487' to 11,518'.Checkshot every 10'. Connection and survey at 11,481'. Directional drill 6 1/8" hole.Slide drill from 11,518' to 11,637'(EOC).Checkshot every 10'. Pump 30 bbl high vis sweep and circulate hole clean. Lay down 2 joints of 3 1/2" drillpipe and setback power swivel.TOH with Black Viper directional assembly and Bit # 2.</p>			
12/05/2007	Depth	11,482	Daily Cost:	\$46,386
DRLG	Progress	34	Cumulative Costs:	\$2,609,389
AFE: 257162	Present Operation:	Directional Drill 6 1/8" Hole		
DFS: 66	<p>TOH with Directional assembly and Bit #1.Lay down Scientific drilling UBHO.Retrieve MWD probe.Breakout Bit # 1. Change setting on Bent Housing from 2.57° to 2.29 ° (Mud Motor) and scribe.Install MWD Probe and test,test good.Make up Bit # 2. TIH with Black Viper Directional assembly and Bit # 2 to 11,136'.Fill drillstring every two rows.Install bearing pack. Slip and cut drilling line. Continue TIH with Black Viper Directional assembly and Bit # 2 to 11,391' with no hole problems. Pick up power swivel.TIH from 11,391' to 11,423'.Wash from 11,423' to 11,448' with no fill. Directional drill 6 1/8" hole.Slide drill from 11,448' to 11,480'.Checkshot every 15'. Change mud pumps. Directional drill 6 1/8" hole.Slide drill from 11,480' to 11,482'.Checkshot every 15'.</p>			
12/04/2007	Depth	11,448	Daily Cost:	\$47,931
DRLG	Progress	95	Cumulative Costs:	\$2,563,003
AFE: 257162	Present Operation:	TOH With Directional Assembly		

CIMAREX ENERGY CO**424093-064.01 CIMAREX UNIVERSITY 18-38 2H**

County, St: Ward, TX

Location: SEC. 18, BLK. 38

Spud Date: 09/30/2007 W.I. Pct BCP: 100.00 %

Formation: rd Bone Spgs, Lower D Sa W.I. Pct ACP: %

Prop Depth: 16100 Sec/TS/Rng: 18

DFS: 65 Directional drill 6 1/8" hole.Slide drill from 11,353' to 11,362'.Checkshot every 15'. Connection and survey at 11,335'. Directional drill 6 1/8" hole.Slide drill from 11,362' to 11,393'.Checkshot every 15'. Connection and survey at 11,356'. Directional drill 6 1/8" hole.Slide drill from 11,393' to 11,448'.Checkshot every 15'.Build rate is too high,TOH to dail down mud motor. Pump 40 bbl high vis sweep and circulate hole clean. Lay down 1 joint of 3 1/2" drillpipe and set back power swivel.TOH with Directional assembly and Bit #1 with no hole problems.

12/03/2007 Depth 11,353 Daily Cost: \$64,990

DRLG Progress 102 Cumulative Costs: \$2,515,072

AFE: 257162 Present Operation: Directional Drill 6 1/8" Hole

DFS: 64 Continue TIH with Gyro and take seats. Directional drill 6 1/8" hole and steer directional assembly with Gyro.Slide drill from 11,251 to 11,266'. TOH with Gyro.Make connection and TIH with Gyro and take seats. Directional drill 6 1/8" hole and steer directional assembly with Gyro.Slide drill from 11,266' to 11,298'. TOH with Gyro and lay down Gyro with wireline tools.Rig down Geo Gyro wireline unit. Directional drill 6 1/8" hole.Slide drill from 11,298' to 11,345'. Change mud pumps. Directional drill 6 1/8" hole.Slide drill from 11,345' to 11,353'.

12/02/2007 Depth 11,251 Daily Cost: \$99,867

DRLG Progress 0 Cumulative Costs: \$2,450,082

AFE: 257162 Present Operation: TIH Wth Gyro

DFS: 63 TOH with Weatherford mills to pick up Directional assembly. Lay down 6 ea 4 3/4" drill collars,1 ea 3 1/2" HWDP,and Weatherford mills. Pick up and TIH with Black Viper Directional Assembly.Scribe and attempt to test.No test due to noise which caused MWD probe not to pulse correctly.Troubeshoot Black Viper surface equipment and rig mud pumps.Test MWD probe and Mud Motor, test good.Make up Bit #1. TIH with Black Viper Directional assembly and Bit # 1 to 11,109'.Fill drillstring every two rows.Install bearing pack. Pick up 6 joints of 3 1/2" drillpipe from pipe racks and power swivel. Rig up Geo Gyro wireline.TIH with Gyro and take seats (259-263-263-264-263).Orient to steer Directional assembly. Attempt to break circulation and wireline packoff leaking. TOH with Gyro to repair wireline packoff.Repair wireline packoff.TIH with Gyro.

12/01/2007 Depth 11,251 Daily Cost: \$48,164

DRLG Progress 0 Cumulative Costs: \$2,350,215

AFE: 257162 Present Operation: TRIP FOR DIRECTIONAL TOOLS

DFS: 62 TRIP OUT OF HOLE FOR WHIPSTOCK LD BHA AND BREAK DOWN TOOLS PICKUP WHIPSTOCK TRIP IN HOLE WITH WHIPSTOCK FULL HYDROMATIC PICK UP 3 JTS AT 11,248 WITH BOTTOM OF WHIPSTOCK 5' OFF TOP OF PLUG RIG UP GEO GYRO WIRELINE & GO IN HOLE WITH SAME TO CORRELATE WHIPSTOCK - ORIENT WHIPSTOCK TO 216.6 & POOH WITH GYRO -- TEST TOOL TOOL OK -- SET WHIPSTOCK WITH 14K & SHEAR OFF WITH 36K PULL UP TO TOOL JT AND PICKUP SWIVEL CUTTING WINDOW FROM 11,237' - 11,251' TOP OF WINDOW @ 11,235' -- TOP OF WHIPSTOCK @ 11,237'-- BOTTOM OF WINDOW @ 11,246' -- DEPTH OF DRILL OUT @ 11,251' PUMP SWEEP AND CIRCULATE OUT TRIP OUT OF HOLE FOR DIRECTIONAL TOOLS

11/30/2007 Depth 11,253 Daily Cost: \$41,305

DRLG Progress 0 Cumulative Costs: \$2,302,051

AFE: 257162 Present Operation: TOH FOR WHIPSTOCK

DFS: 61 RIG UP PICKUP MACHINE WAIT ON CORRECT SLIPS FOR DC STRAP DP ON RACK PICKUP MILLS, 1 JT HWDP, 6 - 4 3/4 DC PICK UP 3 1/2 DP FROM RACK TAG AT 11,239' MADE 14' CORRECTION TO WIRELINE CORRELATION (11,253') RIG DOWN PICKUP MACHINE CIRC BOTTOMS SET 20K ON PLUG HELD OK PICKUP ,SHUT ANULLAR TEST CSG TO 1500 PSI MD WT EQ. TO 75% CSG BURST TEST GOOD TRIP OUT TO PICK UP WHIPSTOCK

11/29/2007 Depth 0 Daily Cost: \$126,910

DRLG Progress 0 Cumulative Costs: \$2,260,746

AFE: 257162 Present Operation: PREPARE TO PICKUP 3 1/2 DP

DFS: 60 NIPPLE UP BOP, HOOK UP FLOW AND SEPERATOR COMMENCE OPERATION AT 6AM CDST ON 11-28-07 TEST BOP CHOKE MANIFOLD 250 LOW 10 MIN, 5000 HI 10 MIN, HYDRIL 250 LOW 1500 HI TEST OK RIG UP EXPRESS WIRELINE RUN GUAGE RING JUNK BASKET , GAMMA, CL, TAG AT 11,320' POF POH RUN 7" CIBP CORRALATE TO OPEM HOLE LOGS MADE 6' CORRECTION SET CIBP AT 11,253' RIG UP POWER SWIVEL RIG UP PICKUP / LAY DOWN MACHINE

10/27/2007 Depth 11,675 Daily Cost: \$50,255

DRLG Progress 0 Cumulative Costs: \$2,133,836

AFE: 257162 Present Operation: Rig Released @ 0600 10-27-07

CIMAREX ENERGY CO**424093-064.01 CIMAREX UNIVERSITY 18-38 2H**County, St: Ward, TX
Location: SEC. 18, BLK. 38Spud Date: 09/30/2007 W.I. Pct BCP: 100.00 %
Formation: rd Bone Spgs, Lower D Sa W.I. Pct ACP: %
Prop Depth: 16100 Sec/TS/Rng: 18

DFS: 27 Run 257 Jts. 7" Casing NOTIFIED DELIA W/ Railroad Commission Of Intent To Run 7" Casing & Cement Circ. 7" Casing W/ Rig Pump Held Safety Meeting W/ Halliburton & Install Cement Head Test Lines To 4000 PSI, Pump 20 BBLS Fresh Water, 12 BBLS Super Flush, 10 BBLS Fresh Water, 620 sacks Lead, Interfill H-SBM 0.5% HR-601, 3 lbm PHENO SEAL-BLEND, 0.125 POLY-E-FLAKE, Mix @ 11.9 lbm/gal, 2.49 Yield, Tail W/ 640 Sacks Basin Super H - SBM, 0.5% HALAD(R) -344, 0.25% D-AIR 3000, 0.4% CFR-3 W/O DEFOAMER, 1 lbm SALT, 5 lbm Gilsonite, 0.125 lbm POLY -E-FLAKE, 0.4% HR-5, Mix @ 13.2 lbm/gal, 1.61 Yield, Drop Plug, Displace W/ 435 BBLS Fresh Water @ 7.7 BBL/MIN, Slowed to 3 BBLS/Min, @ 2100 PSI, Bump Plug, Pressure Up tp 2700 PSI, Bled Off Pressure, Floats Held, Plug Down @ 5:08 P.M. W.O.C. P/U B.O.P.'S & Set Slips 265,000# On Slips, Cut Off 7" Casing, Set BOP'S In Handler, Install Tubing Head Spool, Test Head To 5000 PSI, OK Jet & Clean Pits Rig Released @ 0600 10-27-07

10/27/2007 Daily Cost: \$455,378
COMP Cumulative Costs: \$2,133,836
AFE: 257162 Present Operation: Rig Released @ 0600 10-27-07

DFS: 27 Run 257 Jts. 7" Casing NOTIFIED DELIA W/ Railroad Commission Of Intent To Run 7" Casing & Cement Circ. 7" Casing W/ Rig Pump Held Safety Meeting W/ Halliburton & Install Cement Head Test Lines To 4000 PSI, Pump 20 BBLS Fresh Water, 12 BBLS Super Flush, 10 BBLS Fresh Water, 620 sacks Lead, Interfill H-SBM 0.5% HR-601, 3 lbm PHENO SEAL-BLEND, 0.125 POLY-E-FLAKE, Mix @ 11.9 lbm/gal, 2.49 Yield, Tail W/ 640 Sacks Basin Super H - SBM, 0.5% HALAD(R) -344, 0.25% D-AIR 3000, 0.4% CFR-3 W/O DEFOAMER, 1 lbm SALT, 5 lbm Gilsonite, 0.125 lbm POLY -E-FLAKE, 0.4% HR-5, Mix @ 13.2 lbm/gal, 1.61 Yield, Drop Plug, Displace W/ 435 BBLS Fresh Water @ 7.7 BBL/MIN, Slowed to 3 BBLS/Min, @ 2100 PSI, Bump Plug, Pressure Up tp 2700 PSI, Bled Off Pressure, Floats Held, Plug Down @ 5:08 P.M. W.O.C. P/U B.O.P.'S & Set Slips 265,000# On Slips, Cut Off 7" Casing, Set BOP'S In Handler, Install Tubing Head Spool, Test Head To 5000 PSI, OK Jet & Clean Pits Rig Released @ 0600 10-27-07

10/26/2007 Daily Cost: \$24,491
COMP Cumulative Costs: \$1,628,203
AFE: 257162 Present Operation: Run 7" Casing
DFS: 26 L/D 4 1/2" Drill Pipe Break Kelly & Subs L/D 4 1/2" Drill Pipe R/U Casing Crew Run 7" Casing 152 Jts. 6,911'

10/25/2007 Depth 11,675 Daily Cost: \$55,049
DRLG Progress 0 Cumulative Costs: \$1,603,712
AFE: 257162 Present Operation: Circ. & R/U L/D Machine
DFS: 25 T.O.O.H. W/ Bit # 5, F/ Logs R/U Schlumberger F/ Logs & Hold Safety Meeting Run # 1, PEX,HRLA,HNGS, Logs Depth @ 11,675' R/D Schlumberger Pull Wear Ring & T.I.H. W/ Bit # 5 Pump High Vis Sweep & Circ. Rig On Completion Cost @ 2:00 A.M. 2-25-07

10/25/2007 Daily Cost: \$4,081
COMP Cumulative Costs: \$1,603,712
AFE: 257162 Present Operation: Circ. & R/U L/D Machine
DFS: 25 T.O.O.H. W/ Bit # 5, F/ Logs R/U Schlumberger F/ Logs & Hold Safety Meeting Run # 1, PEX,HRLA,HNGS, Logs Depth @ 11,675' R/D Schlumberger Pull Wear Ring & T.I.H. W/ Bit # 5 Pump High Vis Sweep & Circ. Rig On Completion Cost @ 2:00 A.M. 2-25-07

10/24/2007 Depth 11,675 Daily Cost: \$27,096
DRLG Progress 178 Cumulative Costs: \$1,544,582
AFE: 257162 Present Operation: T.O.O.H. W/ Bit # 5 F/ Logs
DFS: 24 Drlg. F/ 11497-11675 WOB 55-60, ROT 70, SPM 105, PSI 2100, ROP 16.9 Pump High Vis. Sweep T.O.O.H To 9600' T.I.H. Pump High Vis Sweep & Circ. T.O.O.H. W/ Bit #5 F/ Logs Pull 10 Stds. Hole Not Taking Any Fluid & Started To Flow 5-8 % T.I.H. Circ. Spot 100 BBLS. 10# Brine T.O.O.H. W/ Bit # 5 F/ Logs

10/23/2007 Depth 11,497 Daily Cost: \$40,224
DRLG Progress 440 Cumulative Costs: \$1,517,486
AFE: 257162 Present Operation: Drilling
DFS: 23 Drill F/ 11057-11220,WOB 55, ROT 70, SPM 105, PSI 2100, ROP 18.1 Lubricate Rig Drill F/ 11220-11279,WOB 55-60, ROT 70, SPM 105, PSI 2100, ROP 16.8 Wire Line Survey @ 11229, 0.92 Deg Drill F/ 11279-11497,WOB 55-60, ROT 70, SPM 105, PSI 2100, ROP 21.8 Losing 7 BBI Per Hour

10/22/2007 Depth 11,057 Daily Cost: \$25,856
DRLG Progress 427 Cumulative Costs: \$1,477,262
AFE: 257162 Present Operation: Drilling
DFS: 22 Drill F/ 10630-10678,WOB 50-55, ROT 70, SPM 105, PSI 2025, ROP 19.0 Wire Line Survey @ 10720, 3.95 Deg Drill F/ 10773-11026,WOB 50-55, ROT 70, SPM 105, PSI 2025, ROP 21.0 Wire Line Survey @ 10976, 1.29 Deg Drill F/ 11026-11057,WOB 55, ROT 70, SOM 105, PSI 2050, ROP 20.66 Mud Engineer detected Trace H2S In Mud Sample, On Mud Check, Added 2 Barrels H2S Scavanger-460

CIMAREX ENERGY CO**424093-064.01 CIMAREX UNIVERSITY 18-38 2H**

County, St: Ward, TX

Location: SEC. 18, BLK. 38

Spud Date: 09/30/2007 W.I. Pct BCP: 100.00 %

Formation: rd Bone Spgs, Lower D Sa W.I. Pct ACP: %

Prop Depth: 16100 Sec/TS/Rng: 18

10/21/2007	Depth	10,630	Daily Cost:	\$41,544
DRLG	Progress	428	Cumulative Costs:	\$1,451,406
AFE: 257162	Present Operation:	Drilling		
DFS: 21	Drill F/ 10202-10234, WOB 45-50, ROT 70, SPM 105, PSI 2000, ROP 31 Wire Line Survey @ 10185, 5.13 Deg Drill F/ 10234-10329, WOB 45-48, ROT 70, SPM 105, PSI 2000, ROP 19.0 Wire Line Survey @ 10315, 4.88 Deg Drill F/ 10329-10519, WOB 45-48, ROT 70, SPM 105, PSI 2000, ROP 19.6 Wire Line Survey @ 10470, 3.91 Deg Drill F/ 10519-10630, WOB 50-55, ROT 70, SPM 105, PSI 2025, ROP 20.18			
10/20/2007	Depth	10,202	Daily Cost:	\$29,611
DRLG	Progress	533	Cumulative Costs:	\$1,409,862
AFE: 257162	Present Operation:	Wire Line Survey		
DFS: 20	Trip In Hole, Fill Pipe @ 4000,7000' Wash And Ream 70' to Bottom, No Fill Drill F/ 9669-9727, WOB 50-55, ROT 65-70, SPM 105, PSI 1950, ROP 23.2 Lubricate Rig Drill F/ 9727-10202, WOB 50-55, ROT 65-70, SPM 105, PSI 2000, ROP 29.6 Wire Line Survey @ 10153			
10/20/2007			Daily Cost:	\$3,289
COMP			Cumulative Costs:	\$1,409,862
AFE: 257162	Present Operation:	Wire Line Survey		
DFS: 20	Trip In Hole, Fill Pipe @ 4000,7000' Wash And Ream 70' to Bottom, No Fill Drill F/ 9669-9727, WOB 50-55, ROT 65-70, SPM 105, PSI 1950, ROP 23.2 Lubricate Rig Drill F/ 9727-10202, WOB 50-55, ROT 65-70, SPM 105, PSI 2000, ROP 29.6 Wire Line Survey @ 10153			
10/19/2007	Depth	9,669	Daily Cost:	\$56,687
DRLG	Progress	322	Cumulative Costs:	\$1,376,962
AFE: 257162	Present Operation:	Trip In Hole		
DFS: 19	Drill F/ 9347-9378, WOB 45-55, ROT 65-70, SPM 105, PSI 1950, ROP 20.6 Lubricate Rig Drill F/ 9378-9669, WOB 45-55, ROT 65-70, SPM 105, PSI 1950, ROP 21.55, Last 4 Feet 14.0 Drop Survey Tool, Trip Out Of Hole Change Bit, Retrieve Survey Tool, Trip In Hole, Lay Down Jars, Had Gasket Sticking Out Mandrel Wait On Jars, Strap Caliper New Jars, Change Swivel Packing Trip In Hole Pick Up Jars			
10/18/2007	Depth	9,347	Daily Cost:	\$27,549
DRLG	Progress	601	Cumulative Costs:	\$1,320,275
AFE: 257162	Present Operation:	Drilling		
DFS: 18	Wire Line Survey @ 8690, 1.03 Deg Drill F/ 8746-9220, WOB 45-55, ROT 65-70, SPM 105, PSI 2000, ROP 27.88 Displaced Hole W/ 9.6 Cut Brine @ 9020 Wire Line Survey @ 9171, 1.32 Deg. Drill F/ 9220-9347, WOB 45-55, ROT 65-70, SPM 105, PSI 1950, ROP 25.4			
10/17/2007	Depth	8,746	Daily Cost:	\$53,176
DRLG	Progress	576	Cumulative Costs:	\$1,292,726
AFE: 257162	Present Operation:	Drilling		
DFS: 17	Drilg. F/ 8170'-8239' WOB 45-50, ROT 60-70, SPM 105, PSI 1800, ROP 23.0 Wire Line Survey @ 8190, 0.52 Deg Drill F/ 8239-8746, WOB 45-55, ROT 50-70, SPM 105, PSI 1875, ROP 24.7			
10/16/2007	Depth	8,170	Daily Cost:	\$43,383
DRLG	Progress	495	Cumulative Costs:	\$1,239,550
AFE: 257162	Present Operation:	Drilling		
DFS: 16	Drilg. F/ 7675'-7733' WOB 45-55, ROT 60-70, SPM 105, PSI 1800, ROP 29.0 Wire Line Survey @ 7733' 0.62 Degree Drilg. F/ 7733'-8170' WOB 45-55, ROT 60-70, SPM 105, PSI 1800, ROP 20.3			
10/15/2007	Depth	7,675	Daily Cost:	\$25,856
DRLG	Progress	610	Cumulative Costs:	\$1,196,167
AFE: 257162	Present Operation:	Drilling		
DFS: 15	Drilg. F/ 7065'-7251' WOB 45-55, ROT 60-65, SPM 105, PSI 1750, ROP 28.6 Wire Line Survey @ 7195' 0.72 Degree Drilg. F/ 7251'-7675' WOB 45-55, ROT 60-65, SPM 105, PSI 1750, ROP 24.9			

CIMAREX ENERGY CO**424093-064.01 CIMAREX UNIVERSITY 18-38 2H**County, St: Ward, TX
Location: SEC. 18, BLK. 38Spud Date: 09/30/2007 W.I. Pct BCP: 100.00 %
Formation: rd Bone Spgs, Lower D Sa W.I. Pct ACP: %
Prop Depth: 16100 Sec/TS/Rng: 18

10/14/2007	Depth	7,065	Daily Cost:	\$49,615
DRLG	Progress	199	Cumulative Costs:	\$1,170,311
AFE: 257162	Present Operation: Drilling			
DFS: 14	P/U 10' Of Additional Wash Pipe & Over Shot & TIH Wash Over Rotor @ 6846' & Latch On To Fish @ 6866' T.O.O.H. W/ Fish, L/D Rotor, Over Shot, & Bit #3, Break & L/D Wash Pipe P/U Bit #4 & T.I.H. Cut Drilling Line T.I.H. W/ Bit #4 Wash & Ream 45' To Bottom NO FILL Drlg. F/ 6866'-7065' WOB 45-50, ROT 65, SPM 105, PSI 1750, ROP 26.5			
10/13/2007	Depth	6,866	Daily Cost:	\$25,856
DRLG	Progress	0	Cumulative Costs:	\$1,120,696
AFE: 257162	Present Operation: Wait On Fishing Tools			
DFS: 13	Wait On Fishing Tools P/U Over-Shot & Bumper Sub & T.I.H. Work Over Rotor @ 6846', Latch On To Fish @ 6862'-6866' T.O.O.H. W/ Fish No Fish L/D Over Shot & Extension Wait On Fishing Tools			
10/12/2007	Depth	6,866	Daily Cost:	\$49,461
DRLG	Progress	676	Cumulative Costs:	\$1,094,840
AFE: 257162	Present Operation: Wait On Fishing Tools			
DFS: 12	Drlg. F/ 6190'-6256' WOB 5-20, RPM MOTOR 65, ROT 40, SPM 105, PSI 1900, ROP 66.0 Wire Line Survey @ 6180' 0.75 Degree Drlg. F/ 6256'-6767' WOB 5-20, RPM MOTOR 65, ROT 40, SPM 105, PSI 2000, ROP 46.4 Wire Line Survey @ 6692' 0.27 Degree Drlg. F/ 6767'-6866' WOB 5-20, RPM MOTOR 65, ROT 40, SPM 105, PSI 2000, ROP 33.0 T.O.O.H. W/ Bit # 3, Quantum Motor Unscrew, Fish In Hole Bit, & 4.39' Of Motor L/D Motor Wait On Fishing Tools			
10/11/2007	Depth	6,190	Daily Cost:	\$36,900
DRLG	Progress	970	Cumulative Costs:	\$1,045,379
AFE: 257162	Present Operation: Drilling			
DFS: 11	Install Wear Ring & Strap IBS'S P/U Bit #3, Motor, 2-IBS'S & TIH Tag Cement & Plug @ 5135' Test Csg. 1500 PSI OK Drlg. Plug & Float Collar 5135'-5138' Drlg. Cement F/ 5138'-5219' Drlg. Shoe @ 5219'-5220' Test Formation 950 PSI EQ Mud Wt. 12.3 Drlg. F/ 5220'-5746' WOB 5-20, RPM MOTOR 65, ROT 40, SPM 105, PSI 1950, ROP 70.1 Wire Line Survey @ 5671' 0.74 Degree Drlg. F/ 5746'-6190' WOB 5-20, RPM MOTOR 65, ROT 40, SPM 105, PSI 1850, ROP 55.5			
10/10/2007	Depth	5,220	Daily Cost:	\$83,731
DRLG	Progress	0	Cumulative Costs:	\$1,008,479
AFE: 257162	Present Operation: Center Stack & Hook Up Flow Line			
DFS: 10	P/U 1" Pipe 300' Cement Thru 1" Pipe W/ Halliburton Pump 140 SKS Of Premium Plus @ 14.8 PPG, Circ. 65 SKS Of Cement To Surface L/D 1" Pipe, R/D Halliburton & W.O.C. Cut 13 3/8" Off, Cut 9 5/8" Csg. Weld 9 5/8" Well Head, Test 1000# OK Nipple Up BOP'S & Choke Manifold, Hook Up 1" Hyd. Lines Test BOP'S 5000 PSI High, 250 PSI Low, Rams, Manifold, Upper, Lower, Values, Annular 2500 PSI Center Stack, & Hook Up Flow Line			
10/09/2007	Depth	5,220	Daily Cost:	\$211,090
DRLG	Progress	0	Cumulative Costs:	\$924,748
AFE: 257162	Present Operation: WOC			
DFS: 9	Circulate Out Sweep, Trip Out Of Hole to 8"DC'S Rig Up Bull Rogers Laydown Machine, Pre-Job Saftey Meeting Lay Down 8" DC'S. Reamers, Motor No Picture On Survey Rig Up Bull Rogers Casing Crew, Pre-Job Saftey Meeting Run 123 Jts 9 5/8 Casing to 5220' Rig Up Swedge And Circulate W/ Rig Pump, Rig Down Casing Crew, Laydown Machine Pre-Job Saftey Meeting, Rig Up Halliburton, Test Lines To 3000 Psi, Pump 25 BBI Water, 1425 Sks Interfill C Lead Cement, Wt 11.9 2.45 Yield, Mixed @ 14.12 Gal/SK, Tail W/ 250 Sks Premium Plus, Wt 14.8, Yield 1.32, Mixed @ 6.32 Gal Sk @ 7 BBI Min. Drop Plug Displace W/ 396 BBI Water, @ 8 BBI Min, Slowed to 3 BBBI Min, 950 PSI, Bumped Plug, Pressured Up To 1500 PSI, Bled Off Pressure Floats Held, Had Full Returns Untill Plug Was Dropped, Lost Full Returns, No Cement To Surface, Plug down @ 12:42 CST WOC, Wait On Welder, 1", Cement To Do Top Out NOTIFIED DORIS WITH RAILROAD COMMISSION OF RUNNING 9 5/8 CASING AND CEMENTING, JOB # 10436			
10/08/2007	Depth	5,220	Daily Cost:	\$27,433
DRLG	Progress	449	Cumulative Costs:	\$713,658
AFE: 257162	Present Operation: Circulate Out High Vis Sweep			
DFS: 8	Drill F/ 4771-4899, WOB 15-25, RPM MOTOR 92, ROT 50, SPM 150, PSI 2900, ROP 32.0 Wire Line Survey @ 4815, 1.43 Deg Drill F/ 4889-5058, WOB 15-25, RPM MOTOR 92, ROT 50, SPM 150, PSI 2900, ROP 26.0 Lubricate Rig Drill F/ 5058-5220, WOB 15-25, RPM MOTOR 92, ROT 50, SPM 150, PSI 2900, ROP 29.4 Pump High Vis Sweep, Circulate Out Short Trip, Pull Up To 850', No Drag Coming Out, Or Going In, No Fill Pump High Vis Sweep, Circulate Out			

CIMAREX ENERGY CO**424093-064.01 CIMAREX UNIVERSITY 18-38 2H**

County, St: Ward, TX
 Location: SEC. 18, BLK. 38

Spud Date: 09/30/2007 W.I. Pct BCP: 100.00 %
 Formation: rd Bone Spgs, Lower D Sa W.I. Pct ACP: %
 Prop Depth: 16100 Sec/TS/Rng: 18

10/07/2007	Depth	4,771	Daily Cost:	\$49,805
DRLG	Progress	746	Cumulative Costs:	\$686,225
AFE: 257162	Present Operation:	Drilling		
DFS: 7	Drill F/ 4025-4391,WOB 15-20, RPM MOTOR 92,ROT 40, SPM 150, PSI 2850, ROP40.66 Wire Line Survey @ 4308, 1.98 Deg Drill F/ 4391-4422, WOB 15-20, RPM MOTOR 92, ROT 50, SPM 150, PSI 2850, ROP 31.0 Lubricate Rig Drill F/ 4422-4771,WOB 15-25, RPM MOTOR 92, ROT 50, SPM 150, PSI 2850, ROP 26.8			
10/06/2007	Depth	4,025	Daily Cost:	\$57,155
DRLG	Progress	705	Cumulative Costs:	\$636,420
AFE: 257162	Present Operation:	Drilling		
DFS: 6	Drill F/ 3320-3409,WOB 20, RPM MOTOR 98, ROT 40, SPM,160, PSI 2950,ROP 29.6 Wire Line Survey @ 3326, 1.39 Deg Drill F/ 3409-3631,WOB 15-20, RPM MOTOR 92, ROT 50, SPM 150, PSI 2800, ROP 29.6 Lubricate Rig Drill F/ 3631-3884,WOB 15-20, RPM MOTOR 92, ROT 50, SPM 150, PSI 2800, ROP 33.3 Wire Line Survey @ 3803,0.77 Deg Drill F/ 3884-4025,WOB 15-20, RPM MOTOR 92, ROT 50, SPM 150, PSI 2850, ROP 31.33 Received 125 Jts 9 5/8, Had 124 Jts Good Pipe, 5266' Good Footage			
10/05/2007	Depth	3,320	Daily Cost:	\$44,028
DRLG	Progress	893	Cumulative Costs:	\$579,265
AFE: 257162	Present Operation:	Drilling		
DFS: 5	Wire Line Survey, Mis-Run, No Picture Drill F/ 2427-2459,WOB 10, RPM MOTOR 98, ROT 40, SPM 160, PSI 2850, ROP 60.0 Wire Line Survey @ 2459, 2.0 Deg Drill F/ 2459-2902,WOB 10-20, RPM MOTOR 98, ROT 40, SPM 160, PSI 2850, ROP 44.3 Lubricate Rig Drill F/ 2902-2934,WOB 15-20, RPM MOTOR 98, ROT 40, SPM 160, PSI 2850, ROP 31.0 Wire Line Survey @ 2854, 1.84 Deg Drill F/ 2934-2997,WOB 15-20, RPM MOTOR 98, ROT 40, SPM 160, PSI 2900, ROP 63.0 Lubricate Rig Drill F/ 2997-3320,WOB 10-20, RPM MOTOR 98, ROT 40, SPM 160, PSI 2900, ROP 35.8			
10/04/2007	Depth	2,427	Daily Cost:	\$44,896
DRLG	Progress	850	Cumulative Costs:	\$535,237
AFE: 257162	Present Operation:	Drilling		
DFS: 4	Drill F/ 1577-1829,WOB 10-20, RPM MOTOR 110, ROT 40, SPM 180, PSI 2900, ROP 56.0, Gained 1100 psi After Connection Trip Out Of Hole, Lay down Jars, 1 Drill Collar,Washed, Pulled Wet String Check Bit,Float, No Blockage, Change Out Motor Believed to Be Motor Failure, Motor Would Not Fully drain Trip In Hole, Pick Up New Jars Drill F/ 1829-1921,WOB 10-15, RPM 98, ROT 40, SPM 160, PSI 2800, ROP 61.3 Wire Line Survey @ 1850, 1.00 Deg Drill F/ 1921-2427,WOB 10-20, RPM MOTOR 98, ROT 40, SPM 160, PSI 2850, ROP 53.2			
10/03/2007	Depth	1,577	Daily Cost:	\$35,996
DRLG	Progress	727	Cumulative Costs:	\$490,341
AFE: 257162	Present Operation:	Drilling		
DFS: 3	Laydown Bit, Motor,Shock Sub Replace Hose On ST-80 Pick Up Bit, Motor, X-O,2 Roller Reamers, Trip In Hole Drill Cement, Float Equipment, Cement F/ 800-850 Drill F/ 850-900, WOB 10-15, RPM MOTOR 110, ROT 40 SPM 180, PSI 2500, ROP 33.3 Lay Down 1 DC, Tighten Double Pin On Swivel, Pick Up DC Drill F/ 900-931 WOB 10-15, RPM MOTOR 110, ROT 40, SPM 180, PSI 2500, ROP 60.0 Wire Line Survey @ 848', 0.25 Deg. Drill F/ 931-1424,WOB 10-15, RPM MOTOR 110, ROT 40, SPM 180, PSI 2750, ROP 51.8 Wire Line Survey @ 1342, 1.0 Deg Drill F/ 1424-1578,WOB 10-20, RPM MOTOR 110, ROT 40, SPM 180, PSI 2750, ROP 51.0			
10/02/2007	Depth	850	Daily Cost:	\$87,722
DRLG	Progress	0	Cumulative Costs:	\$454,345
AFE: 257162	Present Operation:	L/D BHA		
DFS: 2	Circ. 50 BBLS High Vis. Sweep T.O.O.H. W/ Bit # 1 Rig Up Csg. Crew & P/U Machine Run 19 Jts. 13 3/8" Csg. Circ. W/ Rig Pump Circ. W/ Rig Pump & Wait On Halliburton 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/ 128 BBls Water @ 6 BBLS/Min, Slowed Down To 3 BBLS/Min,W/220 PSI Bump Plug,Pressure Up To 500 PSI Bled Off Pressure, Float Held,Returned 200 Sacks Cement To Surface, W.O.C. Jet & Clean Pits Cut Off 20" Conductor, Cut 13 3/8" Csg., Weld On 13 3/8" Csg., Install Rotating Head Bowl, Nipple Up Flow Line & Turn Buckles L/D Motor, Shock Sub, 17 1/2" Roller RMR			
10/01/2007	Depth	850	Daily Cost:	\$34,599
DRLG	Progress	850	Cumulative Costs:	\$366,623
AFE: 257162	Present Operation:	T.I.H. W/ Bit # 1		
DFS: 1	Repair ST-80 Drlg. F/ 70-236 WOB 10-30,RPM MOTOR 98,ROT 40, SPM 160, PSI 1950,ROP 47.4 Repair ST-80 Hyd. Lines Drlg. F/ 236-445 WOB 10-30, RPM MOTOR 98, ROT 40, SPM 160, PSI 2000, ROP 41.8 Wire Line Survey @ 364' 0.75 Degree Drlg. F/ 445-850 WOB 10-45, RPM MOTOR 98, ROT 40, SPM 160, PSI 2600, ROP 42.6 Circ. 50 BBLS High Vis Sweep T.O.O.H. W/ Bit #1 No Drag T.I.H. W/ Bit #1 No Drag Spud In Well @ 7:30 A.M. Sept. 30-07			

CIMAREX ENERGY CO**424093-064.01 CIMAREX UNIVERSITY 18-38 2H**

County, St: Ward, TX

Location: SEC. 18, BLK. 38

Spud Date: 09/30/2007 W.I. Pct BCP: 100.00 %

Formation: rd Bone Spgs, Lower D Sa W.I. Pct ACP: %

Prop Depth: 16100 Sec/TS/Rng: 18

09/30/2007 Depth 0 Daily Cost: \$332,024

DRLG Progress 0 Cumulative Costs: \$332,024

AFE: 257162 Present Operation: Mechanic Working On ST-80

DFS: 0 9-25-07 Rig Down Cactus # 123 & Move Rig 9-26-07 Rig Up Cactus # 123 9-27-07 Rig Up Cactus # 123, Raise Derrick @ 1:00 P.M. Prepair Shale Pit, Rig Floor & Pump Skids F/ Liner 9-28-07 Rig Up Cactus # 123, Rig Up Floor, Spray Shale Pit, Rig Floor, & Pump Skids 9-29-07 Rig Up & Weld On 20" Conductor Rig Up ST-80 On Floor , ST-80 Not Working Properly, Wait On ST-80 Mechanic Will Spud When ST-80 Is In Working Order Praden Built Location, Cost \$72,630.00 Caliche Cost, \$11,889.00 Total Cost \$84,519.00 Abbott Set Conductor, Rathole, Cost \$8,849.00 Fast-Line Set Liner Cost \$5,164.00 Fence Around Liner Cost \$450.00 Notified Lisa Operator # 15 W/ Railroad Commission od Intent to Spud