

WELL: University 26-35 3H

Callon Petroleum			
DAILY OPERATIONS REPORT			
FIELD:	Wolfcamp	Drilling AFE Number:	13-0108
COUNTY/STATE	Reagan/TX	Drilling AFE Amount:	\$2,422,251
PTD:		Completion AFE Number:	13-0108
LOCATION:	400 FNL, 330 FEL, Sec 23, Blk 2, A-U59, UL Surv	Completion AFE Amount:	\$4,372,283
ELEVATION (RKB):		TOTAL AFE:	\$6,794,534
API #:	42-383-38477		
SERIAL NO:			
SPUD DATE:	Jan 8 2014		
OBJECTIVE:	Wolfcamp B		
JOB NAME:	Original Completion		
CONTRACTOR/RIG#:		Pro Petro/Silver crew	

Feb 2 2014	RIG SUPERVISOR:	Michael Bowers		
	PRESENT OPERATIONS:	Well preparation for cement drill out with pulling unit		
	Arrive on location to begin preparation for a cement drill out. Inspect location for equipment placement and anchor points for pulling unit. Anchor truck arrived, (single man operation), had a short tailgate meeting to discuss anchor placements, safety, and any hazards involved in the job. Began placing anchors in correct places. Pulling unit arrives on location, and parks equipment in necessary location, and was going to attempt to rig up, but the anchors had not all yet been completely placed, and was advised to release crew.			
	ACTIVITY PLANNED:	spot equipment, set anchors		
	DAILY JOB COST:	\$4,000	TOTAL JOB COST:	\$4,000
	TOTAL WELL COST:	\$2,518,099		
Feb 4 2014	RIG SUPERVISOR:	Michael Bowers		
	PRESENT OPERATIONS:	Frac Preperation		
	Rig up pulling unit, receive pipe, reverse unit, BOP's, frac valve, laydown unit, and hydrill. Spot equipment, NU BOP's, unload pipe, rig up flow back equip. and reverse unit. Ensure all equip. is in place to begin picking up pipe to assemble BHA. ; Pick up pipe, make up BHA, and begin RIH. ; Continue RIH with 2 3/8 PH6			
	ACTIVITY PLANNED:	RIH with reverse unit for cement clean out		
	DAILY JOB COST:	\$63,500	TOTAL JOB COST:	\$67,500
	TOTAL WELL COST:	\$2,581,599		
Feb 5 2014	RIG SUPERVISOR:	Michael Bowers		
	PRESENT OPERATIONS:	Frac Preparations		
	Continue to RIH with pipe until string weight became light, stopped and picked up power swivel and began to rotate while RIH. ; Continue to RIH while rotating pipe.			
	ACTIVITY PLANNED:	Cleanout Run		
	DAILY JOB COST:	\$49,500	TOTAL JOB COST:	\$117,000
	TOTAL WELL COST:	\$2,631,099		
Feb 6 2014	RIG SUPERVISOR:	Michael Bowers		
	PRESENT OPERATIONS:	Frac Preparations		
	Continued in the hole until we tagged up @15272' , then pulled up about 10' and commenced to break circulation. ; Broke circulation, and pumped a HEC sweep and began drilling out cement. ; Continue drilling out cement, need approx. 1200' to reach target depth.			
	ACTIVITY PLANNED:	Cleanout run		
	DAILY JOB COST:	\$54,500	TOTAL JOB COST:	\$171,500
	TOTAL WELL COST:	\$2,685,599		
Feb 7 2014	RIG SUPERVISOR:	Michael Bowers		
	PRESENT OPERATIONS:	Frac Preperation		
	Continued to drill cement to target depth. Current depth 16,100' ; Tagged float collar @ 16,452', continue drilling through collar. ; Continued to drill past the collar until rubber particles no longer came out in returns, and waited to see formation particles come out. Minimal formation particles came out in returns, but began losing fluid.			
	ACTIVITY PLANNED:	Cleanout Run		
	DAILY JOB COST:	\$52,500	TOTAL JOB COST:	\$224,000
	TOTAL WELL COST:	\$2,738,099		

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Feb 8 2014	<p>RIG SUPERVISOR: Michael Bowers</p> <p>PRESENT OPERATIONS: Frac Preparation</p> <p>Began running gel sweeps, to clean out, to prepare for injection test. ; Remove swivel rig up acid pump truck and begin break down. We could not pump into formation. We pushed acid out of the casing and rigged down the acid pump truck. ; Rig up swivel and continue to drill for 10 more feet, circulate hole running sweeps then POOH lay down tubing.</p> <p>ACTIVITY PLANNED: Clean out Run</p> <p>DAILY JOB COST: \$64,300 TOTAL JOB COST: \$288,300</p> <p>TOTAL WELL COST: \$2,802,399</p>
Feb 9 2014	<p>RIG SUPERVISOR: Michael Bowers</p> <p>PRESENT OPERATIONS: Frac Operations</p> <p>Continue to sweep well. ; Rig down swivel and POOH and lay down tubing to 9200' Then rig swivel back up to wash around heel. ; Circulate around heel while running sweeps and make sure returns are clean of debris. ; Rig down swivel and continue to lay down remaining pipe.</p> <p>ACTIVITY PLANNED: Cleanout Run</p> <p>DAILY JOB COST: \$59,300 TOTAL JOB COST: \$347,600</p> <p>TOTAL WELL COST: \$2,861,699</p>
Feb 10 2014	<p>RIG SUPERVISOR: Michael Bowers</p> <p>PRESENT OPERATIONS: Frac Operations</p> <p>Continue laying down pipe until complete. Breakdown BHA and ND BOP's, leaving frac valve on well. Night crew doing preparations for daylight crew to rig down. ; Night crew released, wait on day crew. ; Day crew arrives and begins to rig down PU. Receive trucks, move out pipe, reverse unit, pumps, tanks, and all rig equip. off location.</p> <p>ACTIVITY PLANNED: Cleanout Run - RD</p> <p>DAILY JOB COST: \$53,800 TOTAL JOB COST: \$401,400</p> <p>TOTAL WELL COST: \$2,915,499</p>
Feb 11 2014	<p>RIG SUPERVISOR: Michael Bowers</p> <p>PRESENT OPERATIONS: FracOperations</p> <p>Well equipment begins to arrive on location. ; Begin NU process on well. ; Pick up rental equip. left from drill out. ProPetro test crew arrive on location. ; RU ProPetro, test lines, begin test on frac stack (9250 psi), test was good. Injection test, load well with 28 bbls of water @ 4bpm, gained pressure, Break @ 4775 psi, increased rate to 8bpm pressure lined out @ 5085 psi pumped 65 bbls total.</p> <p>ACTIVITY PLANNED: Set and Test Frac Stack/ Establish injection rate</p> <p>DAILY JOB COST: \$34,300 TOTAL JOB COST: \$435,700</p> <p>TOTAL WELL COST: \$2,949,799</p>
Feb 12 2014	<p>RIG SUPERVISOR: Michael Bowers</p> <p>PRESENT OPERATIONS: Frac Operations</p> <p>MIRU wire line unit, rig up flowback lines and mix acid.</p> <p>ACTIVITY PLANNED: Toe Prep - RU</p> <p>DAILY JOB COST: \$28,800 TOTAL JOB COST: \$464,500</p> <p>TOTAL WELL COST: \$2,978,599</p>
Feb 13 2014	<p>RIG SUPERVISOR: Michael Bowers</p> <p>PRESENT OPERATIONS: Frac Operations</p> <p>Safety meeting. ; Master valves on well frozen and frac pump frozen, thawing out. ; Open well 2000 psi, pumping clean out run. Shut down press 3200 psi. ; RIH to make dummy plug run and log. ; RIH to set plug at 16,426' and shot perms at 16210-16212, 16270-16272, 16330-16332, 16390-16392. Pump down; 3200@3, 3800@6, 4300@9, 4500@12, 4700@14. Max press 4821, Total 737 bbls Plug set, wt. 1185/1090. ; Finish acid displacement at 5080 @ 20.5 bpm. Shut down and secured well for the night.</p> <p>ACTIVITY PLANNED: Toe Prep</p> <p>DAILY JOB COST: \$83,800 TOTAL JOB COST: \$548,300</p> <p>TOTAL WELL COST: \$3,062,399</p>
Feb 14 2014	<p>RIG SUPERVISOR: Michael Bowers</p> <p>PRESENT OPERATIONS:</p> <p>Safety meeting ; Broncs came to location and re- torqued flanges on frac tree. ; Finished toe prep on the 2H. Rigged down and released toe prep crew.</p> <p>DAILY JOB COST: \$21,800 TOTAL JOB COST: \$570,100</p> <p>TOTAL WELL COST: \$3,084,199</p>

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Feb 15 2014	RIG SUPERVISOR: Michael Bowers PRESENT OPERATIONS: Clean up location, spot frac chemicals and spot some frac equipment. DAILY JOB COST: \$21,800 TOTAL WELL COST: \$3,105,999	TOTAL JOB COST: \$591,900
Feb 16 2014	RIG SUPERVISOR: Michael Bowers PRESENT OPERATIONS: Spotting chemicals, water transfer rigging up water lines and crossing. DAILY JOB COST: \$21,800 TOTAL WELL COST: \$3,127,799	TOTAL JOB COST: \$613,700
Feb 17 2014	RIG SUPERVISOR: Michael Bowers PRESENT OPERATIONS: University 26-35 #2H Frac operations Spot equipment and empty reserve pit. ACTIVITY PLANNED: Spot equipment for frac job DAILY JOB COST: \$21,800 TOTAL WELL COST: \$3,149,599	TOTAL JOB COST: \$635,500
Feb 18 2014	RIG SUPERVISOR: Michael Bowers PRESENT OPERATIONS: Frac Operations Spot equipment and waiting for Pro Petro to rig up. ACTIVITY PLANNED: Crews RU DAILY JOB COST: \$45,800 TOTAL WELL COST: \$3,195,399	TOTAL JOB COST: \$681,300
Feb 19 2014	RIG SUPERVISOR: Michael Bowers PRESENT OPERATIONS: Frac Operations Safety meeting. ; Waiting to finish frac on the 2H well. No activity on the 3H today, shut down and secured well for the night. ACTIVITY PLANNED: Frac DAILY JOB COST: \$51,300 TOTAL WELL COST: \$3,246,699	TOTAL JOB COST: \$732,600
Feb 20 2014	RIG SUPERVISOR: Michael Bowers PRESENT OPERATIONS: Frac Operations Safety meeting. ; Stage 1 Frac. Test lines to 9000 psi. Open well 2786 psi, start injection, break 4598 psi@10 bpm / w 7 bbls. AR 88, AP 7554, MR 92, MP 8102, LTR 12,298 bbls, FG 0.89, ISIP 3889, 100 mesh 79,695 lbs, 40/70 189,203 lbs, pumped to completion. ; Stg 2. RIH to set plug at 16,180' and shoot perfs at 15960-15962, 16020-16022, 16080-16082, 16140-16142. Pump down; 3000@3, 3200@6, 3500@9, 3800@11, Max press 4200, Total 300 bbls Plug set, wt. 1315/1280. ; Waiting to finish frac on the 2H. ; Stage 2 Frac. Test lines to 9000 psi. Open well 2912 psi, start injection, ball seat 5896 psi@10 bpm / w 369 bbls. AR 88, AP 7299, MR 92, MP 7675, LTR 9863 bbls, FG 0.88, ISIP 3813, 100 mesh 74,616 lbs, 40/70 174,752 lbs, pumped to completion. ; Stg 3. RIH to set plug at 15,930' and shoot perfs at 15710-15712, 15770-15772, 15828-15830, 15890-15892. Pump down; 2900@3, 3100@6, 3400@9, 3600@10, Max press 3900, Total 300 bbls Plug set, wt. 1260/1190. ; Shut down and secure well for the night. ACTIVITY PLANNED: Stages 1-3 DAILY JOB COST: \$262,500 TOTAL WELL COST: \$3,509,199	TOTAL JOB COST: \$995,100
Feb 21 2014	RIG SUPERVISOR: Michael Bowers PRESENT OPERATIONS: Frac operations Safety meeting ; Stage 3 Frac. Test lines to 9000 psi. Open well 2663 psi, start injection, ball seat 5867 psi@10 bpm / w 369 bbls. AR 89, AP 7117, MR 91, MP 7486, LTR 9809 bbls, FG 0.88, ISIP 3815, 100 mesh 73,938 lbs, 40/70 175,390 lbs, pumped to completion. ; Stg 4. RIH to set plug at 15,680' and shoot perfs at 15460-15462, 15530-15532, 15580-15582, 15640-15642. Pump down; 2800@3, 3100@6, 3300@9, 3900@10, Max press 4200, Total 353 bbls Plug set, wt. 1340/1240. ; Stage 4 Frac. Test lines to 9000 psi. Open well 2971 psi, start injection, ball seat 5404 psi@10 bpm / w 349 bbls. AR 90, AP 7291, MR 90, MP 7699, LTR 9871 bbls, FG 0.85, ISIP 3532, 100 mesh 74,645 lbs, 40/70 174,819 lbs, pumped to completion. ; Stg 5. RIH to set plug at 15,425' and shoot perfs at 15210-15212, 15270-15272, 15350-15352, 15390-15392. Pump down; 2800@3, 3000@6, 3400@9, 3800@11, Max press 4000, Total 275 bbls Plug set, wt. 1285/1240. ; Shut down and secure well for the night. ACTIVITY PLANNED: Wireline stages 4,5. Frac stages 3,4. DAILY JOB COST: \$263,500 TOTAL WELL COST: \$3,772,699	TOTAL JOB COST: \$1,258,600

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Feb 22 2014	RIG SUPERVISOR:	Michael Bowers		
	PRESENT OPERATIONS:	Frac operations		
	<p>Safety meeting ; Stage 5 Frac. Test lines to 9500 psi. Open well 2662 psi, start injection, ball seat 5699 psi@10 bpm / w 346 bbls. AR 90, AP 7091, MR 91, MP 7560, LTR 9726 bbls, FG 0.83, ISIP 3369, 100 mesh 73,533 lbs, 40/70 177,404 lbs, pumped to completion ; Stg 6. RIH to set plug at 15,180' and shoot perfs at 14960-14962, 15020-15022, 15080-15082, 15140-15142.</p> <p>Pump down; 2800@3, 3100@6, 3400@9, 4000@12, Max press 4200, Total 290 bbls</p> <p>Plug set, wt. 1280/1250. ; Waiting for wireline to re head and change oil. ; Stage 6 Frac. Test lines to 9500 psi. Open well 2723 psi, start injection, ball seat 5295 psi@10 bpm / w 339 bbls. AR 90, AP 6640, MR 91, MP 7501, LTR 9692 bbls, FG 0.89, ISIP 3949, 100 mesh 71,844 lbs, 40/70 176,197 lbs, pumped to completion ; Stg 7. RIH to set plug at 14,930' and shoot perfs at 14710-14712, 14770-14772, 14830-14832, 14890-14892.</p> <p>Pump down; 3000@3, 3300@6, 3700@9, 4300@11, Max press 4700, Total 274 bbls</p> <p>Plug set, wt. 1090/1075. ; Stage 7 Frac. Test lines to 9500 psi. Open well 2906 psi, start injection, ball seat 5381 psi@10 bpm / w 351 bbls. AR 90, AP 6509, MR 91, MP 7457, LTR 9531 bbls, FG 0.88, ISIP 3790, 100 mesh 73,888 lbs, 40/70 175,967 lbs, pumped to completion ; Shut down and secure well for the night.</p>			
	ACTIVITY PLANNED:	Frac stages 5,6,7. Wireline stages 6,7.		
	DAILY JOB COST:	\$360,500	TOTAL JOB COST:	\$1,619,100
	TOTAL WELL COST:	\$4,133,199		
Feb 23 2014	RIG SUPERVISOR:	Michael Bowers		
	PRESENT OPERATIONS:	Frac operations		
	<p>Safety meeting ; Stg 8. RIH to set plug at 14,680' and shoot perfs at 14460-14462, 14520-14522, 14580-14582, 14640-14642.</p> <p>Pump down; 2600@3, 2900@6, 3300@9, 3600@10, Max press 4200, Total 255 bbls</p> <p>Plug set, wt. 1000/1000. ; Stage 8 Frac. Test lines to 9500 psi. Open well 2836 psi, start injection, ball seat 5082 psi@10 bpm / w 339 bbls. AR 90, AP 6498, MR 91, MP 7457, LTR 7657 bbls, FG 0.88, ISIP 3829, 100 mesh 73,590 lbs, 40/70 175,355 lbs, pumped to completion ; Stg 9. RIH to set plug at 14,430' and shoot perfs at 14210-14212, 14266-14268, 14330-14332, 14380-14382.</p> <p>Pump down; 2900@3, 3100@6, 3400@9, 4200@11, Max press 4500, Total 250 bbls</p> <p>Plug set, wt. 1180/1160 ; Stage 9 Frac. Test lines to 9500 psi. Open well 2894 psi, start injection, ball seat 5100 psi@10 bpm / w 320 bbls. AR 90, AP 5986, MR 91, MP 7007, LTR 7962 bbls, FG 0.84, ISIP 3454, 100 mesh 71,942 lbs, 40/70 177,981 lbs, pumped to completion ; Stg 10 RIH to set plug at 14,180' and shoot perfs at 13960-13962, 14020-14022, 14080-14082, 14140-14142.</p> <p>Pump down; 2800@3, 3100@6, 3500@9, 3900@11, Max press 4200, Total 235 bbls</p> <p>Plug set, wt. 1243/1215 ; Stage 10 Frac. Test lines to 9500 psi. Open well 2845 psi, start injection, ball seat 5180 psi@10 bpm / w 316 bbls. AR 90, AP 5968, MR 91, MP 7741, LTR 7913 bbls, FG 0.91, ISIP 4108, 100 mesh 73,612 lbs, 40/70 175,268 lbs, pumped to completion ; Shut down and secure well for the night.</p>			
	ACTIVITY PLANNED:	Wireline stages 8,9,10. Frac stages 8,9,10.		
	DAILY JOB COST:	\$370,500	TOTAL JOB COST:	\$1,989,600
	TOTAL WELL COST:	\$4,503,699		
Feb 24 2014	RIG SUPERVISOR:	Michael Bowers		
	PRESENT OPERATIONS:	Frac operations		
	<p>Safety meeting ; Stg 11 RIH to set plug at 13,930' and shoot perfs at 13706-13708, 13770-13772, 13830-13832, 13892-13894.</p> <p>Pump down; 2600@3, 2800@6, 3200@9, 3500@11, Max press 3900, Total 205 bbls</p> <p>Plug set, wt. 1030/1000 ; Wireline re heading. ; Stage 11 Frac. Test lines to 9500 psi. Open well 2645 psi, start injection, ball seat 5006 psi@10 bpm / w 311 bbls. AR 90, AP 5914, MR 91, MP 7525, LTR 7841 bbls, FG 0.88, ISIP 3811, 100 mesh 74,619 lbs, 40/70 174,991 lbs, pumped to completion ; S3 pump down booster pump broken, waiting for replacement pump. ; Stg 12 RIH to set plug at 13,680' and shoot perfs at 13460-13462, 13520-13522, 13580-13582, 13640-13642.</p> <p>Pump down; 2600@3, 2900@6, 3200@9, 3400@10, Max press 4000, Total 230 bbls</p> <p>Plug set, wt. 973/940 ; Stage 12 Frac. Test lines to 9500 psi. Open well 2667 psi, start injection, ball seat 4995 psi@10 bpm / w 306 bbls. AR 90, AP 5991, MR 91, MP 7251, LTR 7835 bbls, FG 0.88, ISIP 3800, 100 mesh 74,247 lbs, 40/70 176,371 lbs, pumped to completion ; Shut down and secure well for the night.</p>			
	ACTIVITY PLANNED:	Wireline stages 11, 12. Frac stages 11, 12.		
	DAILY JOB COST:	\$271,500	TOTAL JOB COST:	\$2,261,100
	TOTAL WELL COST:	\$4,775,199		

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Feb 25 2014	RIG SUPERVISOR:	Michael Bowers		
	PRESENT OPERATIONS:	Frac operations		
	<p>Safety meeting. ; Stg 13 RIH to set plug at 13,430' and shoot perfs at 13210-13212, 13270-13272, 13330-13332, 13390-13392.</p> <p>Pump down; 2800@3, 3000@6, 3300@9, 3400@10, Max press 3600, Total 197 bbls</p> <p>Plug set, wt. 1105/1050. ; Re gen wireline truck. ; Stage 13 Frac. Test lines to 9300 psi. Open well 2656 psi, start injection, ball seat 5456 psi@10 bpm / w 316 bbls. AR 90, AP 6326, MR 91, MP 7395, LTR 7839 bbls, FG 0.83, ISIP 3423, 100 mesh 73,920 lbs, 40/70 175,730 lbs, pumped to completion. ; Stg 14 RIH to set plug at 13,180' and shoot perfs at 12960-12962, 13030-13032, 13079-13081, 13140-13142.</p> <p>Pump down; 2800@3, 3100@6, 3400@9, 3700@11, Max press 4000, Total 241 bbls</p> <p>Plug set, wt. 990/940. ; Replace wireline lubricator grease tubes and re head. ; Stage 14 Frac. Test lines to 9300 psi. Open well 2760 psi, start injection, ball seat 5409 psi@10 bpm / w 297 bbls. AR 87, AP 6286, MR 90, MP 7335, LTR 7899 bbls, FG 0.86, ISIP 3635, 100 mesh 74,324 lbs, 40/70 175,323 lbs, pumped to completion. ; Stg 15 RIH to set plug at 12,930' and shoot perfs at 12710-12712, 12768-12770, 12830-12832, 12890-12892.</p> <p>Pump down; 2900@3, 3200@6, 3500@9, 3600@10, Max press 3700, Total 200 bbls</p> <p>Plug set, wt. 1035 / 980. ; Shut down and secure well for the night.</p>			
	ACTIVITY PLANNED:	Wireline stages 13, 14, 15. Frac stages 13, 14.		
	DAILY JOB COST:	\$278,500	TOTAL JOB COST:	\$2,539,600
	TOTAL WELL COST:	\$5,053,699		
Feb 26 2014	RIG SUPERVISOR:	Michael Bowers		
	PRESENT OPERATIONS:	Frac operations		
	<p>Safety meeting. ; Stage 15 Frac. Test lines to 9000 psi. Open well 2721 psi, start injection, ball seat 5427 psi@10 bpm / w 295 bbls. AR 90, AP 6385, MR 91, MP 7371, LTR 8020 bbls, FG 0.83, ISIP 3390, 100 mesh 74,265 lbs, 40/70 174,639 lbs, pumped to completion. Had to shut down while on pad to fix a leak on well night cap. ; Stg 16 RIH to set plug at 12,677' and shoot perfs at 12470-12472, 12520-12522, 12580-12582, 12641-12643.</p> <p>Pump down; 2800@3, 3100@6, 3700@9, 3900@10, Max press 3900, Total 176 bbls</p> <p>Plug set, wt. 1060 / 950. ; Stage 16 Frac. Test lines to 9000 psi. Open well 2850 psi, start injection, ball seat 5330 psi@10 bpm / w 286 bbls. AR 90, AP 6553, MR 90, MP 7291, LTR 7815 bbls, FG 0.86, ISIP 3635, 100 mesh 74,187 lbs, 40/70 174,847 lbs, pumped to completion. ; Stg 17 RIH to set plug at 12,430' and shoot perfs at 12210-12212, 12270-12272, 12330-12332, 12390-12392.</p> <p>Pump down; 2800@3, 3100@6, 3700@9, 4000@11, Max press 4200, Total 151 bbls</p> <p>Plug set, wt. 1050 / 970. ; Wireline had to rehead before starting the frac. ; Stage 17 Frac. Test lines to 9000 psi. Open well 2814 psi, start injection, ball seat 5719 psi@10 bpm / w 280 bbls. AR 90, AP 6702, MR 91, MP 7591, LTR 7871 bbls, FG 0.87, ISIP 3682, 100 mesh 74,639 lbs, 40/70 175,641 lbs, pumped to completion. ; Stg 18 RIH to set plug at 12,180' and shoot perfs at 11960-11962, 12020-12022, 12080-12082, 12140-12142.</p> <p>Pump down; 2800@3, 3100@6, 3800@9, 4200@11, Max press 4500, Total 155 bbls</p> <p>Plug set, wt. 1000 / 930. ; Secure well and SDFN.</p>			
	DAILY JOB COST:	\$374,500	TOTAL JOB COST:	\$2,914,100
	TOTAL WELL COST:	\$5,428,199		
Feb 27 2014	RIG SUPERVISOR:	Michael Bowers		
	PRESENT OPERATIONS:	University 26-35 #2H Frac operations		
	<p>Held safety meeting with all personnel. ; Stage 18 Frac. Test lines to 9000 psi. Open well 2688 psi, start injection, ball seat 5592 psi@10 bpm / w 263 bbls. AR 90, AP 6621, MR 91, MP 7850, LTR 7369 bbls, FG 0.88, ISIP 3810, 100 mesh 74,986 lbs, 40/70 173,117 lbs, pumped to completion. ; Stg 19 RIH to set plug at 11,930' and shoot perfs at 11890-11892, 11830-11832, 11770-11772, 11710-11712.</p> <p>Pump down; 2800@3, 3100@6, 3800@9,, Max press 3800, Total 140 bbls</p> <p>Plug set, wt. 1000 / 965. ; We had to work on pumps before getting started. ; Stage 19 Frac. Test lines to 9000 psi. Open well 2792 psi, start injection, ball seat 5339 psi@10 bpm / w 274 bbls. AR 90, AP 6641, MR 91, MP 7756, LTR 7804 bbls, FG 0.92, ISIP 4174, 100 mesh 73,626 lbs, 40/70 176,059 lbs, pumped to completion. ; Stg 20 RIH to set plug at 11,680' and shoot perfs at 11460-11462, 11520-11522, 11580-11582, 11640-11642.</p> <p>Pump down; 2800@3, 3100@6, 3800@9, Max press 4400, Total 150 bbls</p> <p>Plug set, wt. 1085 / 1030. ; Had to wait for wireline to rehead. ; Stage 20 Frac. Test lines to 9000 psi. Open well 2840 psi, start injection, ball seat 5152 psi@10 bpm / w 265 bbls. AR 90, AP 6654, MR 91, MP 7702, LTR 7753 bbls, FG 0.92, ISIP 4120, 100 mesh 74,299 lbs, 40/70 174,896 lbs, pumped to completion. ; Secure well and SDFN.</p>			
	ACTIVITY PLANNED:	Frac and wireline		
	DAILY JOB COST:	\$362,500	TOTAL JOB COST:	\$3,276,600
	TOTAL WELL COST:	\$5,790,699		

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Feb 28 2014	RIG SUPERVISOR:	Michael Bowers		
	PRESENT OPERATIONS:	University 26-35 #2H Frac operations		
	<p>Held safety meeting with all personnel. ; Repaired lubricator leaks. ; Stg 21 RIH to set plug at 11,430' and shoot perfs at 11210-11212, 11269-11271, 11330-11332, 11390-11392.</p> <p>Pump down; 2700@3, 3000@6, 4400@10, Max press 4600, total 147 bbls.</p> <p>Plug set, wt. 990 / 975. ; Wait for wireline to change wells. ; Stage 21 Frac. Test lines to 9000 psi. Open well 2730 psi, start injection, ball seat 5054 psi@10 bpm / w 260 bbls. AR 90, AP 6392, MR 91, MP 7605, LTR 7812 bbls, FG 0.89, ISIP 3856, 100 mesh 74,846 lbs, 40/70 175,943 lbs, pumped to completion. ; Stg 22 RIH to set plug at 11,180' and shoot perfs at 10956-10958, 11020-11022, 11080-11082, 11135-11137.</p> <p>Pump down; 2700@3, 3000@6, 4400@10, Max press 4700, Total 149 bbls</p> <p>Plug set, wt. 970 / 910. ; Stage 22 Frac. Test lines to 9000 psi. Open well 2915 psi, start injection, ball seat 5328 psi@10 bpm / w 250 bbls. AR 90, AP 6285, MR 91, MP 7334, LTR 7764 bbls, FG 0.96, ISIP 4524, 100 mesh 73,450 lbs, 40/70 176,552 lbs, pumped to completion. ; Stg 23 RIH to set plug at 10,930' and shoot perfs at 10710-10712, 10770-10772, 10830-10832, 10890-10892.</p> <p>Pump down; 3000@3, 3200@6, 4100@10, Max press 4800, Total 114 bbls</p> <p>Plug set, wt. 970 / 910. ; Went to open the well head and noticed a leak on the zipper manifold worked on it for an hour then decided to have performance get it fixed overnight and we will resume at 06:00. ; Secure well and SDFN.</p>			
	ACTIVITY PLANNED:	Frac and wireline		
	DAILY JOB COST:	\$288,500	TOTAL JOB COST:	\$3,565,100
	TOTAL WELL COST:	\$6,079,199		
Mar 1 2014	RIG SUPERVISOR:	Michael Bowers		
	PRESENT OPERATIONS:	University 26-35 #2H Frac operations		
	<p>Held safety meeting with all personnel. ; Stage 23 Frac. Test lines to 9000 psi. Open well 2690 psi, start injection, ball seat 5942 psi@10 bpm / w 241 bbls. AR 90, AP 6563, MR 91, MP 7496, LTR 7937 bbls, FG 0.88, ISIP 3817, 100 mesh 73,980 lbs, 40/70 174,823 lbs, pumped to completion. ; Stg 24 RIH to set plug at 10,680' and shoot perfs at 10460-10462, 10520-10522, 10580-10582, 10630-10632.</p> <p>Pump down; 2900@3, 3100@6, 3900@11, Max press 4100, Total 97 bbls</p> <p>Plug set, wt. 915 / 890. ; Wireline reheading. ; Stage 24 Frac. Test lines to 9000 psi. Open well 2880 psi, start injection, ball seat 5460 psi@10 bpm / w 237 bbls. AR 87, AP 6356, MR 91, MP 8240, LTR 8879 bbls, FG 0.89, ISIP 3894, 100 mesh 74,018 lbs, 40/70 176,200 lbs, pumped to completion. We had to flush the well at 1.5 lb sand because the frac crew ran out of FR. We hooked another transport and pumped it to completion. ; Stg 25 RIH to set plug at 10,430' and shoot perfs at 10210-10212, 10270-10272, 10330-10332, 10390-10392.</p> <p>Pump down; 2900@3, 3100@6, 3600@10, Max press 3900, Total 98 bbls</p> <p>Plug set, wt. 795 / 790. ; Stage 25 Frac. Test lines to 9000 psi. Open well 2858 psi, start injection, ball seat 5435 psi@10 bpm / w 230 bbls. AR 88, AP 6345, MR 92, MP 7660, LTR 7681 bbls, FG 0.90, ISIP 3995, 100 mesh 75,148 lbs, 40/70 174,638 lbs, pumped to completion. ; Stg 26 RIH to set plug at 10,180' and shoot perfs at 9960-9962, 10018-10020, 10080-10082, 10140-10142.</p> <p>Pump down; 2900@3, 3100@6, 3600@10, Max press 4000, Total 113 bbls</p> <p>Plug set, wt. 930 / 890. ; Secure well and SDFN.</p>			
	ACTIVITY PLANNED:	Frac and wireline		
	DAILY JOB COST:	\$374,500	TOTAL JOB COST:	\$3,939,600
	TOTAL WELL COST:	\$6,453,699		
Mar 2 2014	RIG SUPERVISOR:	Michael Bowers		
	PRESENT OPERATIONS:	University 26-35 #2H Frac operations		
	<p>Held safety meeting with all personnel. ; Stage 26 Frac. Test lines to 9000 psi. Open well 2749 psi, start injection, ball seat 5932 psi@10 bpm / w 225 bbls. AR 90, AP 6128, MR 92, MP 7757, LTR 7749 bbls, FG 0.90, ISIP 3974, 100 mesh 73,999 lbs, 40/70 175,738 lbs, pumped to completion. ; Wireline rehead. ; Stg 27 RIH to set plug at 9928' and shoot perfs at 9710-9712, 9770-9772, 9830-9832, 9892-9894.</p> <p>Pump down; 2900@3, 3100@6, 3600@10, Max press 4000, Total 79 bbls.</p> <p>Plug set, wt. 930 / 890. ; Stage 27 Frac. Test lines to 9000 psi. Open well 3060 psi, start injection, ball seat 6589 psi@10 bpm / w 217 bbls. AR 90, AP 6555, MR 92, MP 7397, LTR 8037 bbls, FG 0.95, ISIP 4402, 100 mesh 73,908 lbs, 40/70 175,392 lbs, pumped to completion. ; Stg 28 RIH to set plug at 9678' and shoot perfs at 9456-9458, 9520-9522, 9580-9582, 9642-9644.</p> <p>Pump down; 2900@3, 3100@6, 3600@10, Max press 4000, Total 68 bbls.</p> <p>Plug set, wt. 850 / 850. ; Stage 28 Frac. Test lines to 9000 psi. Open well 2994 psi, start injection, ball seat 6252 psi@10 bpm / w 214 bbls. AR 90, AP 6170, MR 92, MP 7402, LTR 7686 bbls, FG 0.86, ISIP 3656, 100 mesh 74,389 lbs, 40/70 175,094 lbs, pumped to completion. ; Stg 29 RIH to set plug at 9430' and shoot perfs at 9170-9172, 9242-9240, 9310-9312, 9380-9382.</p> <p>Pump down; 2900@3, 3100@6, 3600@10, Max press 3700, Total 54 bbls.</p> <p>Plug set, wt. 920 / 880. ; Secure well and SDFN.</p>			
	ACTIVITY PLANNED:	Frac and wireline		
	DAILY JOB COST:	\$374,500	TOTAL JOB COST:	\$4,314,100
	TOTAL WELL COST:	\$6,828,199		

WELL: University 26-35 3H

Mar 3 2014	RIG SUPERVISOR: Michael Bowers PRESENT OPERATIONS: University 26-35 #2H Frac operations Held safety meeting with all personnel. ; Stage 29 Frac. Test lines to 9000 psi. Open well 2994 psi, start injection, ball seat 6252 psi@10 bpm / w 214 bbls. AR 90, AP 6170, MR 92, MP 7402, LTR 7686 bbls, FG 0.86, ISIP 3656, 100 mesh 74,389 lbs, 40/70 175,094 lbs, pumped to completion. ; RIH Set cap plug at 9070' test plug and released pressure POOH lay down tools. ; Secure well and shut down. ACTIVITY PLANNED: Frac and wireline DAILY JOB COST: \$163,500 TOTAL JOB COST: \$4,477,600 TOTAL WELL COST: \$6,991,699
Mar 4 2014	RIG SUPERVISOR: Michael Bowers PRESENT OPERATIONS: University 26-35 #3H Wellsite clean up Clean up location. ACTIVITY PLANNED: Clean up location DAILY JOB COST: \$33,000 TOTAL JOB COST: \$4,510,600 TOTAL WELL COST: \$7,024,699
Mar 9 2014	RIG SUPERVISOR: Ben Ruiz PRESENT OPERATIONS: R/D RIG University 26 - 35 well 2H. R/U University 26-35 3H. ; Moved in pipe racks + 556 jts PH-6 workstring, tallied top layer. ; ND 7' 10 k frac valve, N/U 7' 10K X 7'5K flange - 7'5k HYBOP - 7' 5K 2.3/8 single BOP - 7' 5k hydrill tested stack 3000 psi, moved operators controls up 15 ft up. ; R/H new 4.3/4 J-Z BIT - 3.3/4 bit sub - 1 jt 2.3/8 PH-6 - 1.7/8 R- nipple - 30 jts kill string. DAILY JOB COST: \$35,701 TOTAL JOB COST: \$4,546,301 TOTAL WELL COST: \$7,060,400
Mar 11 2014	RIG SUPERVISOR: Ben Ruiz PRESENT OPERATIONS: Cont 208 jts 2.7/8 PH-6 + 2.3/8 X 2.7/8 PH-6 - x-over - 60 jts 2.7/8 ph-6 tag cap plug @ 9106'. R/U power swivel + BIW stripper. ; Drillout cap plug @ 9106 3.2 bpm @ 2200 psi, flowback 200 psi on 42/64 choke, drill plug flowback rose to 1200 psi, circulated fell to 600psi. ; RIH 12 jts tag plug # 29 @ 9654', drill out 15 min. RIH 8 jts tag plug # 28 @ 9454', drill out 20 min. RIH + wash 8 jts tag plug # 27 @ 9943', drill out 17 min. RIH - wash 8 jts tag plug # 26 @ 10,214', drill out 16 min. RIH - wash 9 jts tag plug # 25 @ 10,465', drillout 17 min. RIH - wash 8 jts tag plug # 24 @ 10,713' drill out 15 min., had psi under plug. RIH - wash 8 jts tag plug # 23 @ 10,969' drill out 12 min., pumping 3,8 bpm @ 2800 psi, flowback 500 on 44/64 choke, tbq torque @ 2500 to 2700 ft lbs. RIH - wash 8 jts tag plug # 22 @ 11,215', drill out 24 min. RIH - wash 8 jts tag plug # 21 @ 11,464', drill out 13 min. ; RIH - wash 8 jts tag plug # 20 @ 11,716', drillout 24 min. RIH - wash 9 jts tag plug # 19 @ 11,967', drill out 19 min. pumping 4.0 bpm @ 3000 psi flow back 500 psi on 44/64 choke, tbq torque 2900 to 3100 ft lbs alot of sand on returns. RIH - wash 8 jts tag plug # 18 @ 12,213', drill out 18 min. DAILY JOB COST: \$50,802 TOTAL JOB COST: \$4,597,103 TOTAL WELL COST: \$7,111,202
Mar 12 2014	RIG SUPERVISOR: Ben Ruiz PRESENT OPERATIONS: Held safety meeting. RIH - wash 8 jts tag plug # 17 @ 12,462', drill out 22 min. RIH - wash 8 jts tag plug # 16 @ 12,798', drill out 22 min. RIH - wash 8 jts tag plug # 15 @ 12,968', drill out 28 min. RIH 9 jts tag plug #14 @ 13,217', drill out 32 min. RIH - wash 9 jts tag plug # 13 @ 13,472', drill out 28 min. RIH - wash 8 jts tag plug # 12 @ 13,712', drill out 26 min. Washing sand inbeten plugs pumping 4.2 bpm @ 3200 psi, flow back 500 psi on 44/64 choke, tbq torque 2700 to 3200 ft lbs., pumpig pipe on pipe - friction reducer - gel sweeps. RIH - wash 8 jts tag plug # 11 @ 13,972', drill out 29 min. RIH - wash 8 jts tag plug # 10 @ 14,220', drill out 22 min., pressure under plug. ; RIH - wash 8 jts tag plug # 9 @ 14,470', drill out 28 min. RIH - wash 8 jts tag plug # 8 @ 14,713', drill out 24 min. ; RIH - wash 9 jts tag plug # 7 @ 14,966', drill out 26 min. RIH - wash 9 jts tag plug # 6 @ 15,213', drill out 30 min. RIH - wash 8 jts tag plug # 5 @ 15,457', drill out 34 min., pumping 4.0 bpm @ 3200 psi, flowback 600 psi on 44/64 choke, tbq torque 2700 to 3100 ft lbs. Show of oil very good show gas. RIH - wash 8 jts tag plug # 4 @ 15,714', drill out 26 min. RIH - wash 8 jts tag plug # 3 @ 15,972', drill out 28 min. RIH 8 jts tag plug # 2, 16.219', drill to 16,431'. Stiff arm on swivel broke. R/D power swivel. ; Circulating clean 4.2 bpm @ 3200 psi w/ gel sweeps - pipe on pipe. DAILY JOB COST: \$60,002 TOTAL JOB COST: \$4,657,105 TOTAL WELL COST: \$7,171,204

Mar 13 2014	RIG SUPERVISOR:	Ben Ruiz	
	PRESENT OPERATIONS:		
	Circulated well 4.2bpm @ 3200 psi w/gell sweeps - pipe - pipe. ; L/D 295 JTS 2.7/8 PH-6 workstring - 2.3/8 X 2.7/8 PH-6 X-over L/D 54 jts 2.3/8 PH-6 workstring. ; Cont L/D 114 jts PH-6 168 total to 2170 well flowing 500 psi on 26/64 choke, show of oil + gas. ; N/D 5K Hydrill - N/U snubbing unit. ; Snubbed out + L/D 69 jts - 1.7/8 nipple - 1 jt 2.3/8 PH-6 - floated bit sub - 4.3/4 bit look good, all teeth good, cones tight, little outside wear. ; Moved off w/ forklift 586 jts PH-6 workstring moved in + tallied 257 jts 2.7/8 L-80 tbg. ; RIH 2.7/8 ceramic disk - 2.7/8 X 8ft sub - 2.7/8 1.7/8 R-nipple w/ plug in place - snubbed in 48 jts 2.7/8 L-80 to 1488 well flowing 600 psi on 34/64 choke, good show oil - good show of gas.		
	DAILY JOB COST:	\$128,902	TOTAL JOB COST: \$4,786,007
	TOTAL WELL COST:	\$7,300,106	
Mar 14 2014	RIG SUPERVISOR:	Ben Ruiz	
	PRESENT OPERATIONS:		
	Held safety meeting cont RIH + snubbing L-80 TBG 241 jts total to 7685 installed tbg hanger, landed tbg. ; N/D snubbing unit - 2.3/8 single 5K BOP - 5K HYBOP - 7' 5K drilling cross - 7' 5k X 7' 10K flange N/U 7" 10 K bonnet wellhead w/ full opening 2.7/8 valve. ; R/U slickline RIH 1' equalizer prong tag 7677 POOH RIH retrieving tool tag R- PLUG @ 7677 POOH W/ 1.7/8 plug R/D slickline. ; R/D pulling unit, cleaned loc, rode rig to Ruby # 2. R/U rig, rods parted.		
	DAILY JOB COST:	\$72,806	TOTAL JOB COST: \$4,858,813
	TOTAL WELL COST:	\$7,372,912	