

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well ☒ Oil Well ☐ Gas Well ☐ Other		5. Lease Serial No. LC 031740A	
2. Name of Operator XTO Energy Inc.		6. If Indian, Allottee or Tribe Name	
3a. Address 200 Loraine, Ste. 800 Midland, TX 79701		7. If Unit or CA/Agreement, Name and/or No. NM 70948A	
3b. Phone No. (include area code) 432-620-6740		8. Well Name and No. EUNICE MONUMENT 375	
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 2130 Feet from the North line and 1780 Feet from the East line; Unit Letter G, Section 18, T-21-S, R-36-E, NMPM, Lea County, New Mexico		9. API Well No. 30-025-29837	
		10. Field and Pool, or Exploratory Area EUNICE MONUMENT; GRAYBURG	
		11. County or Parish, State LEA NM	

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
☐ Notice of Intent	☐ Acidize ☐ Deepen ☐ Production (Start/Resume) ☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing ☐ Fracture Treat ☐ Reclamation ☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair ☐ New Construction ☐ Recomplete ☒ Other <u>Reactivate</u>
	☐ Change Plans ☐ Plug and Abandon ☐ Temporarily Abandon <u>& Test Grayburg</u>
	☐ Convert to Injection ☐ Plug Back ☐ Water Disposal

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

- 1/19/07 MIRU PU. Pmpd 4-1/2 BW dwn csg. ND WH. NU BOP. POOH & LD 3,784' of 2-7/8" tbq. Bull Dog MI & racked 4,100' of 2-7/8", 6.5#, N-80, EUE, 8rd XTO WS. PU & RIH w/4-3/4" drill bit, BS, 6-3-1/2" DC's x/o & 114 jts of 2-7/8" WS. Tagged CIBP @ 3,853'. NU stripper head. PU ABC power swivel. Break circ. RIH & tagged plug @ 3,853'. Std drlg out CIBP. PUH to 3,596'. RU swivel.
- 1/23/07 POOH w/tbg & BHA. LD drill bit. PU 4-3/4" cone buster. RBIH w/BHA & 2-7/8", 6.5#, N-80, EUE, 8rd XTO WS. Tagged @ 3,986'. PUH to next collar. Pushed CIBP dwn to 4,013'. Found cone buster plugged w/cast iron metal & scale.
- 1/25/07 PU (new) 4-3/4" bit, 6-3-1/2" DC's & x/o. RIH on EOT. NU stripper head. Broke circ w/110 BW. Std drlg out CIBP & fill @ 4,013'. Drld dwn to 4,016' & tagged solid. Broke through to 4,043'. RBIH w/5-1/2" RBP & pkr. Set RBP @ 3,899'. Press tstd sqzd perfs to 500 psig.
- 1/26/07 RIH & latched on to RBP. PUH to 3,800' & tstd tools. PU 5-1/2" CIBP. RIH on EOT. Set CIBP @ 3,905'. POOH w/tbg. PU 5-1/2" pkr. RIH on EOT to 3,890'. Spotted 200 gals of 20% 90/10 to EOT. PUH & LD 3 jts of 2-7/8" tbq. Set pkr @ 3,805'. Pmpd into perfs: 3,855'-3,884' @ 1 BPM @ 850 psig
- 1/27/07 PU 5-1/2" CIBP. RIH on EOT. Set CIBP @ 3,767'. POOH w/tbg. PU 4 3/4" drill bit & 6-3-1/2" DC's. RIH on EOT. Tagged CIBP @ 3,767'. DO CIBP in 45". Pushed CIBP to CIBP @ 3,896'. POOH w/tbg. LD 4 jts of 2-7/8" tbq. PU 5-1/2" CIBP. RBIH on EOT. Set CIBP @ 3,736'.

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) Kristy Ward	Title Regulatory Analyst
<i>Kristy Ward</i>	Date 10/24/2007

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by <i>Chris Williams</i>	Title OC DISTRICT SUPERVISOR/GENERAL MANAGER	Date JAN 17 2008
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

OCD-COM

Eunice Monument South Unit #375
Reactivate & Test the Grayburg
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- 1/27/07** RU Cmt Services. Pmpd 20 BW dwn tbg to clear CICR. Pmpd 10 BW. Std pmpg Class "C" cmt w/2% Calcium Chloride plus 10% bwoc A-10 w/65.6% FW (28 bbls lead cmt, 4 bbls in sqz). Successfully sqz'd off perfs 3,855' - 3,884' @ 2,200 psig. Displaced w/23 BW. Rev circ to half pit to CO tbg & tools w/35 BW. Total cmt rev out (24 bbls). POOH w/16 jts of 2-7/8" tbg.
- 1/30/07** PU 4-3/4" bit, 6 - 3-1/2" DC's & x/o. Tagged cmt @ 3,720'. DO cmt dwn to CICR @ 3,740'. PUH to 3,721'.
- 1/31/07** RIH & tagged @ 3,740'. Std DO CICR & cmt. Chg'd out drill bit. PU new 4-3/4" drill bit. RBIH w/BHA & 2-7/8" tbg to 3,727'. DO to 3,800'. PUH to 3,780'.
- 2/01/07** RIH & tagged @ 3,800'. DO cmt to 3,875' & fell free to 3,892'. Press up on sqzd perfs @ 3,855' - 3,884' to 500 psig for 20". Std drlg out CIBP @ 3,895'. Pmpd 60 BW to re-establish circ. RIH w/BHA & tbg to 4,046'. PUH to 3,405'.
- 2/02/07** PU & RIH w/3-3/8" perforating guns (4 JSPF/60 deg phasing) & perforated the following intervals (correlated to GRL): 3,990' - 4,028' (38' & 152 holes), 3,959' - 3,969' (10' & 40 holes) & 3,914' - 3,928' (14' & 56 holes). PU 5-1/2" RBP & pkr. RIH w/2-7/8" tbg to 3,839'.
- 2/03/07** Set RBP @ 4,035'. PUH to 3,980' & set pkr. RU Acidizing Services. Pmpd 19 bbls of 9# brine wtr into perfs. PUH w/tbg & pkr to 3,886' & set pkr. Acidized perfs: 3,908' - 4,028' w/3,750 gals of 20% NEFE 90/10. Dropped 1,300# of rock salt in two stages during acid job & observed no block action during job. Over flushed acid & salt w/40 bbls of FW to ensure all acid & salt was gone. RU swab equipment. Made 21 swab runs. Rec 118 BW & 0 BO.
- 2/04/07** RU swab equipment. Made 25 swab runs. Rec 113 BW & 0 BO.
- 2/06/07** RU swab equip. Made 33 swab runs. Rec 207 BW & 0 BO. Rel pkr. RIH & latched on to RBP. POOH w/tbg. MI & Racked 3,800' of 2-7/8", 6.5#, J-55, EUE, 8rd tbg (new).
- 2/07/07** RIH w/ESP u-base, ESP 80 hp, 2,155v, 24a mtr, lower seal section , adaptor, upper seal section, Gas seperator, ESP Wood Group 125 stg TD/1,750 sub pmp, ESP Wood Group 84 stg TD/1,750 sub pmp, SN, 2-7/8" x 4' tbg sub, 110' - #6FL mtr lead cable & 4,000' #4 flat cable on 122 jts of 2-7/8", 6.5#, J-55, EUE, 8rd tbg (new). PI @ 3,828'. ND BOP. NU WH. RD. RDMO PU. RWTP.
- 2/28/07** In 24 hrs, well made 0 BO, 2,890 BW & 27 MCF.
- 6/14/07** MIRU PU.
- 6/15/07** ND WH. NU BOP. POOH w/122 jts of 2-7/8" J-55 tbg. LD Sub pmp. PU 4-3/4" bit & 5 jts of 2-7/8" N-80 TP & 5-1/2" scraper on 125 jts of 2-7/8" N-80 WS. Tagged @ 4,034. Pump 780 bbls of FW @ 5 BPM. RD Pump truck.

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- 6/16/07** POOH w/124 jts of 2-7/8" WS & tools. RIH w/gamma ray, CCL & tools to correlate depth (tagged fill @ 4,040'). POOH w/WL. RD WL. RIH w/CICR on 2-7/8" N-80 WS to 3,808'. RU cmt services. Pmp 25 BFW thru CICR. Set CICR @ 3,808'. Sting out of CICR. Circ TCA w/63 bbls of FW. Sting in CICR. Pmp 500 gals of flow guard w/10 bbls FW spacer. Squeeze perfs fr 3,908' to 4,028'. Mix & pmp 350 sx Cl C + 2% CACL cmt. . Pmp 70 sx of cmt into fnt & Rev out 63 sx (15 bbls of slurry). Total cmt pmp 350 sx. LD 12 jts of 2-7/8" WS. POOH w/106 jts 2-7/8" WS.
- 6/19/07** RIH w/4-3/4" bit, 6 - 3-1/2" DC on 113 jts of 2-7/8" N-80 WS. Tagged cmt @ 3,800'. Break circ & DO fr 3,800' to 4,035'.
- 6/20/07** POOH w/2-7/8" WS. LD DC & bit. RIH w/5-1/2" pkr on 123 jts of 2-7/8" N-80 WS. Isolate leaks in squeeze perf fr 3,908' to 4,028'. POOH w/121 jts of 2-7/8" N-80 WS. RIH w/5-1/2" RBP & 5-1/2" pkr on 125 jts of 2-7/8" N-80 WS. Set RBP @ 4,030' & set pkr @ 3,977'.
- 6/21/07** Swab squeeze perfs fr 3,990' to 4,028'. Swab perf dry in 5 runs. RIH w/swab to check fluid entry. POOH set RBP @ 3,949'. POOH & set pkr @ 3,900'. Swab squeeze perf fr 3,908' to 3,940'. Swab perf dry in 5 runs. RIH w/swab & check fluid entry. POOH w/119 jts of 2-7/8" N-80 WS & tools.
- 6/22/07** RIH @ shoot perfs fr 3,990' to 4,000' interval. RIH w/RBP & pkr on 125 jts of 2-7/8" N-80 WS. Set RBP @ 4,010' & pkr @ 3,978'. Open bypass. RU Hot Oil services. Break circ w/40 bbls of FW. Pmp 500 gals of 15% NEFE acid & 9 bbls of FW. Closed bypass. Perf broke dwn @ 1,050 psig. Pmp acid away @ 1/2 bbls min. @ 600 psig. Flush acid to btm w/15 bbls of FW. ISIP 407. 5" Vac. RD pmp trk.
- 6/23/07** Made 41 swab runs & rec 0 oil & 170 bbls of black wtr. EFL 3,100' FFS.
- 6/26/07** Made 24 swab runs & rec 101 bbls of wtr & 0 oil. POOH LD 124 jts of 2-7/8" N-80 WS & tools.
- 6/27/07** RU ESP spoolers. RIH w/ESP smart Guard, ESP 105 hp, 2,379v, 28a mtr, lower seal section, adaptor, upper seal section, Gas separator, ESP Wood Group 125 stg TD-1,750 sub pmp, ESP Wood Group 84 stg TD-1,750 sub pmp, SN, 2-7/8" x 4' tbg sub, 70' - #6FL mtr lead cable & 4,000' #4 flat cable on 126 jts of 2-7/8", 6.5#, J-55, EUE, 8rd tbg. PI @ 3,963'. ND BOP. NU WH. Pmp up in 30". RDMO PU. RWTP.
- 7/10/07** MIRU PU. ND WH. NU BOP. POOH w/tbg & sub pmp. Perf fr 3,959' - 69' (10', 30 holes). PU 5-1/2" pkr & RBP on 127 jts of 2-7/8" J-55 tbg. Set RBP @ 3,980' & set pkr @ 3,948'.
- 7/11/07** RU Acidizing services. Break circ w/31 bbls of FW. Pmp 750 gals of 15% NEFE acid & 3 bbls of FW. Pmp 2 bbls of acid. Cudd pmp 17 bbls of 15% acid to load tbg. Flush acid to btm w/6 bbls of wtr @ .6 BPM @ 300 psig. Set pkr @

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3,892. Open by-pass. Rev out TCA w/30 bbls of FW. PU & set RBP @ 3,950' & pkr @ 3,902 straddled perfs fr 3,914' to 3,940'. PU & set RBP @ 3,914' & pkr @ 3,898'. (Pmp 3 bbls into squeezed perfs or around pkr). RIH & set RBP @ 3,980' & set pkr @ 3,822'. RIH w/sandline & tagged 70' FFS.

7/12/07 POOH w/20 jts of tbg. RIH w/sandline. POOH w/sandline (found iron sulfide & scale on swab cup). POOH w/122 jts of 2-7/8" tbg. MI & rack 132 jts of 2-7/8" N-80 WS. RIH w/5-1/2" pkr on 119 jts of 2-7/8" N-80 WS. Set pkr @ 3,828'. Made 9 swab runs in 2.5 hrs. Rec 53 bbls of black wtr.

7/13/07 Made 41 swab runs in 10 hrs. Rec 228 bbls of 100% black wtr.

7/14/07 RIH & latch on to RBP. RU ESP spoolers. RIH w/ESP smart Guard, ESP 87 hp, 2,218v, 25a mtr, lower seal section, adaptor, upper seal section, Gas seperator, ESP Wood Group 170 stg TD-1,200 sub pmp, SN, 2-7/8" x 4' tbg sub, 70' - #6FL mtr lead cable.

7/15/07 RIH w/ 4,200' #4 flat cable on 125 jts of 2-7/8", 6.5#, J-55, EUE, 8rd tbg. PI @ 3,910'. ND BOP. NU WH. RDMO PU. RWTP.

9/20/07 In 24 hrs, well made 4 BO, 385 BW & 6 MCF w/30 FAP.



WELL DATA SHEET

EMSU #375 Current

248,000 AFE

LEASE: EMSU WELL: 375

LOC: 2180' F N L & 1780' F E L SEC: 18

TOWNSHIP: 21S CNTY: Lea

RANGE: 36E UNIT: G ST: N.M.

FORM: Grayburg / San Andres DATE:

GL: 3647.6' STATUS: Producing

KB: 3665' API NO: 30-025-29837

DF: CHEVNO: IH 4145:01

Date Completed: 8/19/1987

Initial Production: 39 BOPD/ 11 BWPD

Initial Formation: Grayburg

FROM: 3990' to 4028' / GOR 2820

Completion Data

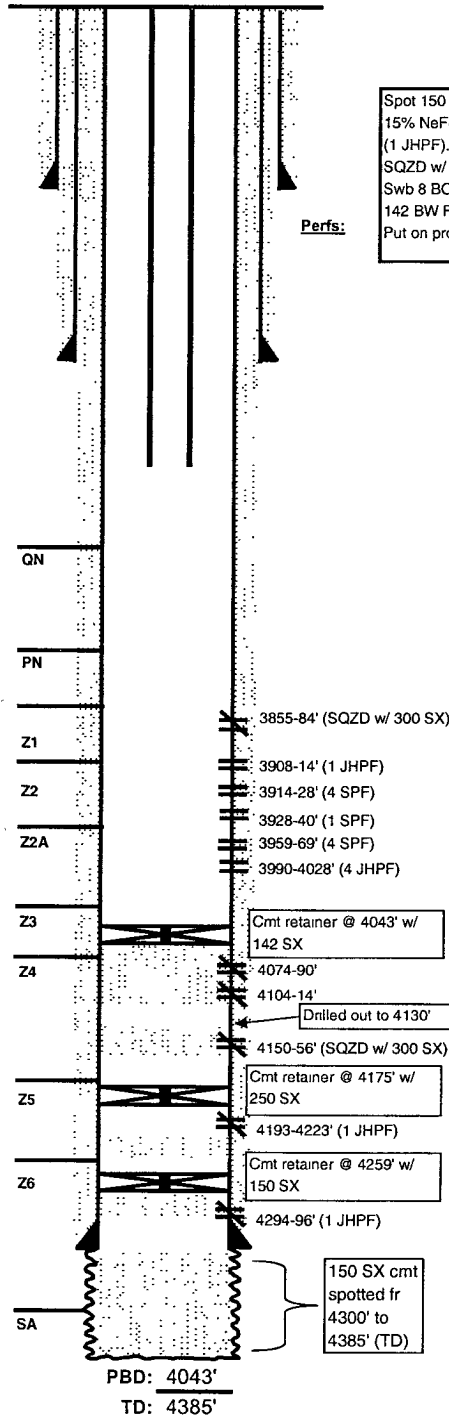
Spot 150 SX cmt in OH fr 4385-4293' (+/-) Set csg D/O to 4298'. Perf 4294-96 (2 JHPF) ACDZ w/ 600 gals 15% NeFeA & 3 RCNBs. Swb 144 BW, EFL - 1500' Set retainer @ 4259'. SQZD w/ 150 SX Perf 4193-4223' (1 JHPF). ACDZ w/ 2500 gals 15% NeFeA & 45 RCNBs Swb 216 BW, EFL - 1400' Set cmt retr @ 4175'. SQZD w/ 250 SX Perf 4074-90, 4104-14 & 4150-56' (1 JHPF). ACDZ w/ 3000 gals 15% NeFeA & 63 RCNBs Swb 8 BO/ 252 BW EFL - 1500'. Swb 1 BO/ 35 BW EFL - 1200' FeR = 36 BPH Swb 4074-4114' rec'd 2 BO/ 142 BW FeR - 36 BPH. Perf 3855-84', 3908-40 & 3990-4028 (1 JHPF). Did not acidize. Set A-3 pkr @ 4052'. Put on prod. 5/15/87. Stab @ 2 BO/ 471 BWPD FL - ??? (Tst pump 4074 - 4156').

11-3/4" OD
42# CSG
Set @ 370' W/ 325 SX
Cmt circ.? Yes
TOC @ surf. by calc.
(14-3/4" hole)

8-5/8" OD
32# CSG
Set @ 2854' W/ 700 SX
Cmt circ.? Yes
TOC @ 310' by calc.
(11" hole)

Qty	Item	Top Depth	Btm Depth	Length
1	U base	3,862.39	3,863.39	1.00
1	Motor-80 HP, 2155			
1	volt, 24 amp	3,841.59	3,862.39	20.80
1	HL/ESP	3,836.29	3,841.59	5.30
1	Adaptor	3,835.89	3,836.29	0.40
1	Seal-UT-STD.			
1	HL/ESP	3,830.59	3,835.89	5.30
1	Gas Separator LT.			
1	3B-RGS-ESP	3,827.57	3,830.59	3.02
1	Pump-TD/1750			
1	ESP 125 stage	3,805.77	3,827.57	21.80
1	Pump-TD/1750			
1	ESP 84 stage	3,790.97	3,805.77	14.80
1	2-7/8" API SN	3,789.87	3,790.97	1.10
1	2-7/8" 6.5# J-55			
1	EUE 8rd tbg sub	3,785.87	3,789.87	4.00
1	2-7/8" 6.5# J-55			
122	EUE 8rd tbg	17.40	3,785.87	3,768.47
	Total			3,845.99
	KB Corr			17.40
	Landed @			3,863.39

5-1/2" OD
15# CSG
Set @ 4300' W/ 600 SX
Cmt circ.? Yes
TOC @ 1100' by calc.
(7-7/8" hole)



Subsequent Workover or Reconditioning:

6/87 POH w/ pkr Set cement retainer @ 4053'. SQZD perfs 4074-4156' w/ 300 SX Upper perfs comm. GIH, tag cmt @ 4047'. D/O, CO to 4130' Set pkr @ 4037' & tst to 600 psi. OK Perf 4070-94' & 4104-4114' (1 JHPF). ACDZ perfs w/ 2000 gals 15% NeFeA & 40 RCNBs Swb Ld plus 86 BW & trace oil EFL - 2800'. FeR - 28 BPH Put well on prod (6/12/87). test: 3 BO/ 418 BW/ 78 MCFGPD FL - ??

7/87 Set cement retainer @ 4043'. SQZD perfs 4070-4114' w/ 142 SX Tag @ 4043' Perf 3990-4028' w/ 1 JHPF. ACDZ w/ 2800 gals 15% NeFeA & ?? RCNBs. Swb 3 BO/ 142 BW EFL - 1800'. Swb 20 BW, EFL - 1800' Put on prod. Test 39 BO/ 11 BW/ 110 MCFGPD. FL - 0'

9/87 Perf 3908-40' & 3855-84' (1 JHPF). ACDZ w/ 4600 gals 15% NeFeA & 100 RCNBs Swb 138 Bbls 1-2% oil. EFL - 1900'. Swb 5 BO/ 32 BW Set pkr @ 3895' & swb Zn 2. 10 BO/ 98 BW EFL - 1600' Set CIBP @ 3975' Isolate Zn 1 3896-3804'. Swb 5 BO/ 16 BW EFL - 1600'. Swb 5 BO/ 37 BW EFL - 1600' FeR - 20 BPH. D/O CIBP @ 3975' & push to bottom 4043'. Put on prod. Test: 42 BO/ 453 BW/ 113 MCFGPD. FL @ 600' + ASN (estimated).

1/89 Chemical squeeze.

8/89 Scale squeeze

1/90 Scale squeeze.

2/90 ACDZ perfs 3990-4028' w/ 1350 gals 15% NeA ACDZ perfs 3908-40' w/ 1150 gals 15% NeFeA. ACDZ perfs 3855-84' w/ 1000 gals 15% NeFeA. Swb 204 BW SFL - 1600' EFL - 1600' FeR - 33 BPH Scale sqzd Tst 1 BO/ 556 BW/ 5 MCFGPD. FL - 2466' ASN B/4 - test. 23 BO/ 261 BW/ 20 MCFG. FI - 0'.

3/90 Ran prod. log. 82% fld entry @ 3870-90' Zn 1.

4/90 Spot sand f/ 4040-3896' Set CIBP @ 3894'. Set CIBP @ 3794' SQZD perfs 3855-84' w/ 200 SX. D/O to CIBP. Test - zone NOT squeezed. Set CIBP @ 3792' Resqueezed perfs 3855-84' w/ 100 SX. D/O to CIBP - test OK. D/O CIBP and CO to 4043'. Put on prod Tst. 15 BO/ 472 BW/ 27 MCFGPD. FL - 719' ASN

9/90 Scale squeeze

10/92 Dump acid 1000 gals. Tst - 15 BO/ 164 BW/ 12 MCFG

8/96 Pickle tbg w/ 3000 gals 15% acid ACDZ perfs 3908-4028' in 4 stages

12/99 Set CIBP @ 3845' tested to 480#

1/07 Reactivate GB producer. Re-squeeze zone 1 perfs. DO and clean out to 4,046'. Perf 3990-4028', 3959-69', 3914-28' w/4 JSPF, 60 deg phasing. Rlh w/RBP to 4035' and set. PUH to 3980' and set pkr. Pmpd 19bbls 9# brine wtr into perfs. Perfs comm PUH w/pkr to 3886'. Acidized perfs 3908-4028' w/3750gals 20% NEFE 90/10 @ 2 BPM @ 310#. Dropped 1300# rock salt in 2 stages & observed no block action. Flushed w/40 bbls FW. SWI for 1 hr- vac BLWTR 163. AIR- 1 9 BPM, Max/Min Press-383/0# made 21 swab runs Rec 118 BW, 0 BO BLWTR 45. EFL @ 1250 FFS RD swab.

2/4/07 Swab for 5 hrs. BFL 1200 FFS 25 runs. Rec 113 BW, 0 BO. BLWTR 0 EFL @ 1250 FFS.

2/6/07 SITP 0#. BFL 1200 FFS. 33 swb runs in 5 hrs. Red 207 BW, 0 BO EFL 1250 FFS

2/7/07 RIH w/ESP u-base, ESP 80 hp, 2,155v, 24a mtr, lower seal section (LT-STD-HL/ESP), adaptor, upper seal section (UT-STD-HL/ESP), Gas separator(3B/LT/RGS/ESP), ESP Wood Group 125 stg TD/1,750 sub pmp (SN# 2F6H21523M), ESP Wood Group 84 stg TD/1,750 sub pmp (SN# 2F6J21989M), SN, 2-7/8" x 4' tbg sub, 110' - #6FL mtr lead cable & 4,000' #4 flat cable on 122 jts of 2-7/8", 6.5#, J-55, EUE, 8rd tbg (new) PI @ 3,828'.

Additional Data:

T/Queen Formation @ 3542' T/Grayburg Zone 3 @ 4001'

T/Penrose Formation @ 3685' T/Grayburg Zone 4 @ 4064'

T/Grayburg Zone 1 @ 3856' T/Grayburg Zone 5 @ 4149'

T/Grayburg Zone 2 @ 3895' T/Grayburg Zone 6 @ 4226'

T/Grayburg Zone 2A @ 3952' T/San Andres Formation @ 4275'

KB @ 3665'

Updated: 2/12/07
By: Lane Pearson