

Submit To Appropriate District Office
State Lease - 6 copies
Fee Lease - 5 copies
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-105
Revised June 10, 2003

WELL API NO.
30-025-37356

5. Indicate Type of Lease

STATE ☒ FEE ☐

State Oil & Gas Lease No. 300718

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:

OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

b. Type of Completion:

NEW ☒ WORK ☐ DEEPEN ☐ PLUG ☐ DIFF.
WELL OVER BACK RESVR. ☐ OTHER

7. Lease Name or Unit Agreement Name

EUNICE SOUTH MONUMENT UNIT

2. Name of Operator

XTO ENERGY INC.

8. Well No.

746

3. Address of Operator

200 LORAIN STE. 800 MIDLAND, TX 79701

9. Pool name or Wildcat

EUNICE MONUMENT; GRAYBURG-SAN
ANDRES

4. Well Location

Unit Letter H : 1380 Feet From The NORTH Line and 10 Feet From The EAST Line

Section 15 Township 21-S Range 36-E NMPM County LEA

10. Date Spudded

8/27/2005

11. Date T.D. Reached

9/08/2005

12. Date Compl. (Ready to Prod.)

6/30/2006

13. Elevations (DF& RKB, RT, GR, etc.)

3567 GL 3584 KB

14. Elev. Casinghead

15. Total Depth

5455

16. Plug Back T.D.

3950

17. If Multiple Compl. How Many
Zones?

18. Intervals
Drilled By

Rotary Tools

Cable Tools ☒

19. Producing Interval(s), of this completion - Top, Bottom, Name

3800-3918 GRAYBURG-SAN ANDRES

20. Was Directional Survey Made

yes

21. Type Electric and Other Logs Run

GR/CBL/CCL

22. Was Well Cased

NO

23.

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24# J-55	1274	12 1/4	625 SXS PREM PLUS	NONE
5 1/2"	17#	5450	7 7/8	990 SXS PP GL C	NONE

24.

LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25.

TUBING RECORD

SIZE	DEPTH SET	PACKER SET
207/8	3897	

26. Perforation record (interval, size, and number)

4990-5138 - 3 jsfp 144 holes - acd w/1500 gals 15% nefe acd (CIBP)
4100-4340 - 3 jsfp 150 holes - acd w/2000 gals 15% acd (CIBP)
3878-3988 - 3 jsfp 36 holes - acd w/1600 gals 15% acd
3856-3918 - 6 jsfp 216 holes - acd w/2520 gals 15% acd
CIBP @4755 - 20' CMT ON TOP
CIBP @4210'
CIBP @3950'

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED
3878-3896 44 BBLS SQZD INTO PERFS
3910-3866 800 GALS 15% NEFE

28

PRODUCTION

Date First Production 6/30/2006		Production Method (Flowing, gas lift, pumping - Size and type pump PMP AMERICAN 640-305-144" SN# D640G - 60 HP 95011177 SN			Well Status (Prod. or Shut-in) PROD	
Date of Test 7/18/2006	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 5	Gas - MCF 2	Water - Bbl. 142
Flow Tubing Press.	Casing Pressure	Calculated 24- Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)

29. Disposition of Gas (Sold, used for fuel, vented, etc.) SOLD

Test Witnessed By

30. List Attachments

WELLBORE DIAGRAM, LOGS, RECORD OF INCLINATION

31. I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief

Signature M. Lyn Marr Printed Name M. LYN MARR Title REGULATORY ANALYST Date 7/17/2006

E-mail Address LYN-MARR@XTOENERGY.COM

EMSU #746

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy _____ 1285 _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____ 1450 _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____ 2570 _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ 2780 _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 3436 _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____ 3731 _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 4035 _____	T. Simpson _____	T. Gallup _____	T. Ignacio Otzte _____
T. Glorieta _____ 5258 _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Delaware Sand _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Bone Springs _____	T. Entrada _____	T. _____
T. Abo _____	T. _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from...3734.....to.....3934 Oil.....

No. 3,

from.....to.....

No. 2, from.....to.....

No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....

No. 2, from.....to.....feet.....

No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology	From	To	Thickness In Feet	Lithology
1285	2780	1495'	Evaporites				
2780	3731	951'	Sand and Dolomite				
3731	5425	1694'	Dolomite				

Well: EMSU 746
Location: Section 15-21S-36E
1380' FNL & 10' FEL
County: Lea
Elevation: 3567' GL 3584' KB

API # 30-025-37356

Spud: 9/2005
State: New Mexico



12 1/4"
Sole

8-5/8", 24#
Set at 1274'.
Cemented with 625 sx.
Circulated

9/19/05 - Perf'd fr/5,130' - 5,138' (24 holes), 5,100' - 5,110' (30 holes), 5,030' - 5,050' (60 holes) & 4,990' - 5,000' (30 holes) w/3 JSPF @ degree phasing. Acidized perfs with 3000 gals 15%. Flowed and swabbed 110 bbls water in 2 days, no gas. Set CIBP @ 4755'.

9/23/05 - Perf'd Upper San Andres fr/4,320' - 4,340' (60 holes), 4,300' (60 holes) & 4,100' - 4,110' (30 holes) w/3 JSPF @ 120 degree phasing. Acidize w/ 2100 gals 15% and ballsealers. Swbd 300 bl water in 2 days, BFL 1000' EFL 1500'. Run rental ESP.

10/18/05 - Well pumped 0 bo / 1287 bw / 104 mcf w/ 145' FAP

12/15/05 - POOH w/ ESP. Set CIBP @ 4210'. Perforate 3878-82 3894-96', 3982-88'. PPI'd perfs with 15% HCL. Swbd 290 bbls w 1 day, some gas. BFL 1100 FFS, EFL 1100 FFS. Isolated and swabbed perfs as follows: Swbd perfs 4,100' - 4,110'. EFL @ 1, FFS. Some show of gas. 100% wtr.

Swbd perfs 3,982' - 3,988'. EFL @ 3,800'. Waited 1 hr. Made 1 run. FL still @ 3,800'. No show of gas.

Swbd perfs 3,894' - 3,896'. BFL @ 2,700 FFS. EFL @ 3,800 FFS. Made 6 runs. Swbd perfs dry. Rec 19 BW. Showed no gas. Wait hr. Made 1 swab run to check for fluid entry. FL was @ 3,600'.

Swbd perfs 3,878' - 3,882' for 3 hrs. BFL @ 1,100 FFS. EFL @ 1 FFS. Made 21 runs. Rec 134 BW. Showed some gas.

Run Rental ESP

12/30/05 - pumped 0 bo / 1600 bw / 22 mcf in 24 hrs

6/2/06: POH w/tbg, no good. Pmpd 200 gals of 15% NEFE acid dwn t Flushed w/18 bbls of 9#. Found tbg to be free above sub pmp. POH w

6/15/06: Milled fr/3798-3819'. Engaged fish @ 3818'. Fish came free. w/fish.

6/16/06: RIH w/5 1/2" CIPB & set @ 3950'. POH w/tbg. RIH W/5 1/2" & SET @ 3813'.

Tbg Detail: 6/29/06:

122 jts 2-7/8" 6.5# J-55 EUE
8rd tbg, 2-7/8" API SN, 1 jt
2-7/8" IPC tbg (TK-99), 2-7/
8" x 5-1/2" TAC, PI @
3897'. TAC @ 3736'.

Pmp & Rods: 6/29/06

1 - 7/8" x 4' stabilizer sub, 8 -
1-1/2" K-bars, 71 - 3/4" D-90
rods, 74 - 7/8" D-90 rods, 2 -
7/8" D-90 pony rods (8' & 2')
& 1-1/2" x 26' SM PR.

PENROSE 3547'
GRBG 3731'
G/O 3734'
GB2 3762'
GB2A 3798'
GB3 3840'
GB4 3874'
GB5 3926'
O/W_TR 3934'
GB6 3972'
O/W 3984'
SADR 4035'

Z1

Z2

Z2A

Z3

Z4

Z5

Z6

SA

CIBP @ 3950' w/cmt

CIBP @ 4210'

CIBP w/cmt @ 4735'

Perfs:

Z1 - None
Z2 - 3800-3810'
Z2A - 3856-3866'
Z3 - 3886-3894
Z4 - 3878-82', 3894-96' - Sqz Perfs (6/17/06)
Z5 - 3910-3918'
Z6 - 3982-88' - CIBP @ 3950
SA - 4100-10'
Isolated by CIBP - 4280-4300', 4320-40' -
Isolated by CIBP - 4990-5000', 5030-50',
5100-10', 5130-38'

5-1/2" 17 #, - *Nole 7 7/8"*
Set at 5450'.
Cemented with 990 sx.
Circulated
Float collar @ 5407'

XTO ENERGY

Well: EMSU 746
Location: Section 15-21S-36E
1380' FNL & 10' FEL
County: Lea
Elevation: 3567' GL 3584' KB

API # 30-025-37356

Spud: 9/2005
State: New Mexico



*44 bbls
cmt*

6/17/06: Sqz perfs: 3,878' - 3,882' & 3,894' - 3,896'. Loaded TCA w/2 BW. Press to 500 psig, held ok. Loaded tbg w/5 BW. EIR @ 1/2 BPM @ 1000 psig. Pmpd 8 BW. Ppg CL C w/fluid loss additive cmt (34 bbls lead cmt). Pmpg CL C neat (10 bbls tail cmt). Displ w/11 BW. Fin Ppg w/1/2 BPM @ 2,100 psig.

6/20/06: DO CICR & cmt to 3,915' & fell out. Press up on sqz to 540 psig, tstd ok. Perf 3,910' - 3,918' (8' & 48 holes), 3,886' - 3,894' (8' & 48 holes), 3,856' - 3,866' (10' & 60 holes) & 3,800' - 3,810' (10' & 60 holes).

6/21/06: Trt each set of perfs w/200 gals of 15% NEFE HCL.

Straddle perfs fr 3,910' - 3,918'. Spotted 1 bbl of acid. Press tbg to 800. Perfs broke @ 945 psig @ .4 BPM.

Straddle perfs: (3,886' - 3,894'). Never did break dwn. Spotted 1 bbl out EOT 3 times in 4 hrs, no good.

Straddled perfs fr 3,856' - 3,866'. Spotted 1 bbl of acid. Press perfs to 800#. Perfs broke @ 1,500# @ .4 BPM.

Straddled perfs fr 3,800' - 3,810'. Press perfs to 800#. Perfs broke @ 1,350# @ .5 BPM. Flushed to btm. CHC w/60 bbls of 8.6 brine. ISIP 650 psig. 188 BLWTR.

6/22/06: Swab. BFL @ 1,100 FFS. Made 55 swab runs in 9 hrs. Rec 335 BW & very little gas. EFL @ 1,000 FFS

6/23/06: Swbd tstd for 1-1/2 hrs on perfs: (3,910' - 3,918'). EFL @ 1,100 FFS. 100% wtr w/no gas.

Swab tstd perfs: (3,886' - 3,894'). Communicated w/perfs above. 100% wtr.

Swab tstd perfs: (3,886' - 3,894' & 3,856' - 3,866' together).

Perfs: (3,856' - 3,894'). Rec 3-1/2 BO & 40 BW.

6/26/06: Swbd perfs: (3,856' - 3,894'). Rec 22-1/4 BW & 1/4 BO. Showed some gas w/each run. Swbd dry.

Swbd perfs: (3,800' - 3,810'). Rec 60 BW (100% wtr). Showed very little gas w/each run. Swbd dry.

6/28/06: Pmpd 40 bbls of pill mixture into perfs 3,856' - 3,894'. OFL chemical w/ 50 bbls of prod wtr mixed w/5 gals of RN-211 dwn tbg @ .3 BPM @ 700 psig. Pmpd 40 bbls of pill mixture into perfs 3,800' - 3,810'. Overflushed w/40 bbls of produced wtr mixed w/5 gals of RN-211 dwn tbg @ 1/2 BPM @ 800 psig.

6/29/06: RIH w/tbg, pmp & rods.