

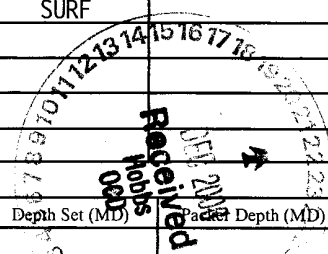
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD-HOBBS

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

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other						5. Lease Serial No. LC 060967 NM 010388					
b. Type of Completion: <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr., Other						6. If Indian, Allottee or Tribe Name					
2. Name of Operator XT0 Energy Inc.						7. Unit or CA Agreement Name and No.					
3. Address 200 N. Loraine, Ste. 800 Midland, TX 79701				3a. Phone No. (include area code) 432-620-6740		8. Lease Name and Well No. SEMGSAU #115					
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 832' FNL & 660' FWL, Unit D  At top prod. interval reported below  At total depth						9. API Well No. 30-025-37574					
14. Date Spudded 12/16/2005						15. Date T.D. Reached 12/28/2006		16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 02/28/2006		17. Elevations (DF, RKB, RT, GL)* KB 4088' GL 4071'	
18. Total Depth: MD TVD 4510'		19. Plug Back T.D.: MD TVD 4463'		20. Depth Bridge Plug Set: MD TVD							
21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  DLM. GR, DSNEUTRON						22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit copy)					
23. Casing and Liner Record (Report all strings set in well)											
Hole Size	Size/Grade	Wt.(#ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled		
12 1/4	8 5/8	24#	SURF	1210'	Hallibur	670 CL C		SURF			
7 7/8	5 1/2	17#	SURF	4510'	Hallibur	800 CL C		SURF			
24. Tubing Record											
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)			
2 7/8	4309'										
25. Producing Intervals					26. Perforation Record						
Formation		Top	Bottom	Perforated Interval		Size	No. Holes	Perf. Status			
A) Grayburg-San Andres				4334' - 4420'		1 JSPF	50	Open			
B)											
C)											
D)											
27. Acid, Fracture, Treatment, Cement Squeeze, Etc.											
Depth Interval		Amount and Type of Material									
4334' - 4420'		Acdz W/2500 Gals 15% NEFE Hcl									
4334' - 4420'		Frac w/53,500 Gals 30# Linear gel, 51,000 Gals 40# Linear gel w/8000# 14/30 Lite prop-125. 54750# 16/30 white sd & 18,000# 16/30 super LC sd									
28. Production - Interval A											
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method		
	02/28/06	24	→	23	4	303			2.5"x2"x24' Pump		
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status			
			→				174/1				
28a. Production-Interval B											
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method		
			→						DEC 19 2006		
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status			
			→								



ACCEPTED FOR RECORD  
DEC 19 2006  
WESLEY W. INGRAM  
PETROLEUM ENGINEER

(See instructions and spaces for additional data on page 2)

## 28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production 15% AP	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate 15% AV	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

## 28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production 15% AV	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. AN	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. S	Csg. Press.	24 Hr. Rate 15% A	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

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

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
RUSTLER	1062	1243		QUEEN	3648
QUEEN	3464	3618		GRAYBURG	4011
GRAYBURG	3618	3975		STRAY	4194
STRAY	3975	4163		BETA	4241
BETA	4163	4216		PREMIER	4312
PREMIER	4216	4295		SAN ANDRES	4413
SAN ANDRES	4295	4351		TD	4513

3Z Additional remarks (include plugging procedure):

## 33. Indicate which items have been attached by placing a check in the appropriate boxes:

Electrical/Mechanical Logs (I full set req'd.) ☒ Geologic Report ☒ DS7 Report ☒ Directional Survey ☒  
 Sundry Notice for plugging and cement verification ☐ Core Analysis ☐ Other: ☐

## 34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) M. LYN MARRTitle REGULATORY ANALYSTSignature M Lyn MarrDate 08/08/2006

Title 18U.S.C Section 1001 and Title 43U.S.C Section 1212, make 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.

# SEMGSAU #115 WELLBORE DIAGRAM

LUFKIN 320-256-100



ELEV: KB: 4087.6'  
GL: 4071'  
CORR: 16.6'

*12 1/4" Hole*

8-5/8" 24# J-55 CSG @ 1210'.  
CMT'D W/470 SX CL "C" W/2%  
CACL & 4% gel F/B 200 SX CL  
"C" + 2% CACL. CIRC 80SX  
TO SURF.

GRAYBURG/SAN ANDRES PERFS 1 SPF  
4334'-4344' 4360'-4370'  
4380'-4388' 4398'-4420'

*7 7/8" Hole*

5-1/2" 17# J-55 LTC CSG @ 4510'. CMT'D  
W/610 SX CL C 3% ECONOLITE F/B 190 SX  
CLASS "C". CIRC 164 SX TO SURF.

## DATA

**LOCATION:** 832' FNL & 660' FEL, UNIT D, SEC 33, T17S, R33E

**COUNTY/STATE:** LEA COUNTY, NEW MEXICO

**FIELD:** MALJAMAR GRAYBURG SAN ANDRES

**FORMATION:** GRAYBURG

**SPUD DATE:** 12/16/05 **COMPLETION DATE:**

**IP:**

**NMOCD LEASE NO:** **API #:** 30-025-37574 **CTOC ACCTG #:** 450

**PRODUCTION METHOD:**

**TUBING STRING:**

## HISTORY

**12/16/05:** SPURRED WELL.

**12/28/05:** TD 4510'. RAN 5-1/2" 17# J-55 STC CSG. CMT'D W/ 610 SX CL "C" 3% ECONOLITE, 3 PPS  
SALT F/B 190 SX CLASS "C". CIRC 164SX TO SURF.

**2/3/06:** RIH W/ 4 3/4" BIT, TAG PBTD @ 4463', CIRC CSG CLEAN WITH 2% KCL, RIH W/ GR/RADIAL  
CEMENT BOND LOG & LOG UP FROM 4460' UP TO 3000', PERFORATE GB/SA INTERVALS 1  
SPF FROM 4334'-4420' (50 TOTAL HOLES)

**2/6/06:** ACIDIZE GB/SA PERFS WITH 2500 GAL 15% HCL ACID, SPOT 105 GAL ACID ACROSS  
PERFS, ACDZ PERFS W/ 1900 GAL ACID @ 5.9 BPM & 2430 PSI, BALLED OUT, UNABLE TO  
SURGE BALLS OFF PERFS, PUMP REMAINING 600 GAL OF ACID @ 0.6 BPM & 1589 PSI,  
ISIP 1550 PSI, 15 MIN 220 PSI, SWAB 26 BLW

**2/7/06:** SWAB, IN 8 HRS REC 35 BLW WITH TRACE OF OIL ON FIRST RUN

**2/8/06:** LD WS, PREP TO FRAC DOWN CSG

**2/10/06:** RU STINGER & BJ, FRAC GB/SA DOWN 5 1/2" CSG WITH 53,500 GALLONS 30# LINEAR GEL,  
51,000 GALLONS 40# LINEAR GEL CARRYING 8,000 # 14/30 LITEPROP-125, 84750# 16/30  
WHITE SAND & 18,000# 16/30 SUPER LC SAND, AIR 79 BPM @ 2850 PSI, ISIP 1880 PSI, 15  
MIN 1078 PSI, RD BJ & STINGER

**2/13/06:** WELL ON VACUUM, TAG UP @ 4,390', UNABLE TO ESTABLISH CIRCULATION

**2/14/06:** RIH W/ BAILER, CO TO 4465', RIH W/ 2 7/8" PROD TBG, SN @ 4309', TAC @ 4117', RIH W/  
2.5" X 2" X 24' PUMP ON 97 3/4" RODS & 73 7/8" RODS

**2/20/06:** SET LUFKIN PUMPING UNIT (320-256-100)

**2/21/06:** RAN POWER TO UNIT, BEGAN PUMPING WELL

**2/28/06:** P. 23 BO, 303 BW, 4 MCF, FL: 2042' FAP

**3/1/06:** P. 30 BO, 280 BW, 10 MCF, FL: 2703' FAP

**3/4/06:** P. 41 BO, 283 BW, 25 MCF, FL: 2386' FAP

**3/6/06:** P. 42 BO, 244 BW, 25 MCF, FL: 2969' FAP

**3/13/06:** P. 45 BO, 251 BW, 43 MCF, FL: 1197' FAP GAS FREE, 4080' FAP TOTAL

*TBG: 2 7/8" @ 4309'*

*Pmp: Lufkin 320-256-100  
2.5" x 2" x 24' Pmp*

PBTD: 4463'  
TD: 4510'

W:\WELLSKETCHES\SEMGSAU\SEMGSAU #115