

Submit to Appropriate District Office
State Lease - 6 copies
Fee Lease - 5 copies

District I
1625 N. French, 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

HOBBS OCL

Form C-105
Revised June 10, 2003

WELL API NO. 30-025-29435
5. Indicate Type Of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG										
1a. Type of Well: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER _____					7. Lease Name or Unit Agreement Name North Vacuum ABO Unit					
b. Type of Completion: NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER Horizontal					8. Well No. 291					
2. Name of Operator XTO Energy, Inc.					9. Pool name or Wildcat Vacuum; ABO, North					
3. Address of Operator 200 N. Loraine, Ste. 800 Midland, TX 79701										
4. Well Location BHL. O-22-17s-34e, 900/S & 2360/E Unit Letter I 1964 Feet From The South Line and 512 Feet From The East Line Section 22 Township 17S Range 34E NMPM Lea County										
10. Date Spudded 9/7/07		11. Date T.D. Reached 9/19/07		12. Date Compl. (Ready to Prod.) 11/8/07		13. Elevations (DF & RKB, RT, GR, etc.) 4034'		14. Elev. Casinghead		
15. Total Depth 10704MD/8711TVD		16. Plug Back T.D. 10704MD/8711TVD		17. If Multiple Compl. How Many Zones?		18. Intervals Drilled By R		Rotary Tools Cable Tools		
19. Producing Interval(s), of this completion - Top, Bottom, Name Perfs. 8432' - 10,704' Open Hole Lateral; Lower ABO								20. Was Directional Survey Made Yes		
21. Type Electric and Other Logs Run								22. Was Well Cored		
23. CASING RECORD (Report all strings set in well)										
CASING SIZE		WEIGHT LB/FT		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
13-3/8"		40#		400'		17-1/2"		500 SX CL C		Circ 148 sx
9-5/8"		53.5#		5000'		12-1/4"		2950 SX CL C + NE plus		Circ 125 sx
								200 SX CL C + 100 Thix, cap		
24. LINER RECORD										25. TUBING RECORD
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET			
5-1/2"	4195'	8800'	900 SX CL H		2-7/8"	8405'				
26. Perforation record (interval, size, and number)										27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.
Open Hole Lateral 8,844' - 10,704 MD					DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED			
Perfs 8630-40', 58-76', 82-90' (39 totals) 1 SPF					10,280' - 10,704'		27,552 gals 20% UltraGel Acid			
Perfs 8600-16', 30-40', 58-76', 82-90' (224 holes) 4 SPF					9,327' - 9,790'		10,238 gals 20% UltraGel Acid			
					8,927' - 9,327'		18,312 gals 20% UltraGel Acid			
28. PRODUCTION										
Date First Production 11/12/07		Production Method (Flowing, gas lift, pumping - Size and type pump) SD 450 Sub-Pump					Well Status (Prod. or Shut-in)			
Date of Test 12/8/07	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl. 110	Gas - MCF 65	Water - Bbl. 101	Gas - Oil Ratio 590.91			
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API -(Corr.) 35.3				
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold						Test Witnessed By				
30. List Attachments C104, C102, Wellbore Diagram, Directional Drlg Survey										
31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief										
Signature Sherry Pack		Printed Name Sherry Pack		Title Regulatory Analyst		Date 4/4/2008				
E-mail address sherry.pack@xtoenergy.com										

NVAU #291H WELLBORE DIAGRAM

Vacuum ABO Unit #291H

N. Vacuum ABO Field
Lea County, NM

Elevation
KB- 4051'
GL- 4032'

Spud - 11-25-85
Rig Released - 12-12-85

13-3/8", 40# H40 ST&C set @ 400' w/ 500 sx
Class C cmt

9-5/8", 53 5# S95 csg Set @ 5000' w/ 2650 sx Class
C + N2 + 200 sx Class C + 100 sx Thix, cap

TOL @ 4195'

KOP 8432'
CURVE 8432-8844' MD
8432-8664' TVD
LATERAL 8844-10704' MD
8664-8710' TVD

4-3/4" HORIZONTAL 8432'-10704' MD

5 1/2", 17 & 15 5# K55 csg Set @ 8800' w/ 900 sx Class H
PBTD 8790'

ABO Perfs
8630-40', 8658-76', 8682-90',
39', 39 total holes
(1-94 OAP & Stim)
8600-16', 8630-40', 8658-76',
8682-8690', 4 JSPF 224 holes
A/ 5000 gal 20% NEFE HCl +
220 RCNBS

Last Updated by Richard
Lauderdale
3/31/08

DATA

LOCATION: 1967' FSL & 515' FEL, UNIT I, SEC 22, T17S, R34E

COUNTY/STATE: LEA COUNTY, NEW MEXICO

FIELD: NORTH VACUUM ABO

FORMATION: ABO

SPUD DATE: 11/21/1985 **COMPLETION DATE:** 1/14/1986

IP:

NMOCD LEASE NO: **API #:** 30-025-29435 **CTOC ACCTG #:**

PRODUCTION METHOD: ROD PUMP

TUBING STRING: 2 7/8"

COMPLETION HISTORY

1/86: INTIAL COMPLETION

DO' TO 8790', **PERFORATE ABO @ 8630-40', 58-76', 82-90'(39', 39 TOTAL HOLES, 1 SPF)**, ACDZ ABO PERFS
DOWN 2 7/8" WS W/ 9750 GALLONS 15% DINE HCL & 78 BS, TR W/ 4 DRUMS UC TH-756 SI MIXED W/ 50
BBLs 2% KCL, FLUSH WITH 100 BBL 2% KCL

PUT WELL ON PRODUCTION

IPP 198 BO, 5 BW, 172 MCF IN 24 HOURS

1/94: OAP/STIM IN ABO

POH W/ PROD EQUIP, **PERFORATE ABO @ 8600-16', 30-40', 58-76' & 82-90' (4 SPF)**, 224 TOTAL HOLES,
ACDZ ABO PERFS DOWN 2 7/8" WS W/ 5000 GAL 20% NEFE HCL & 220 BS & 3 GRS STAGES IN 10#
GELLED BRINE

PUT WELL ON PRODUCTION

9/2007 DRILL LATERAL IN ABO

SET RBP @ 8447', SET WHIPSTOCK JUST ABOVE RBP, MILL WINDOW FROM 8432'-8447'
DETAILS OF LATERAL (4.75" BIT)

KOP 8432',
CURVE SECTION 8432-8844' MD 8432-8664' TVD
LATERAL SECTION 8844-10704' MD 8664-8710' TVD

10/2007 STIM ABO LATERAL

RIH W/ STRING MILL & BIT, TAG TIGHT SPOT @ 8202', POH W/ MILL & BIT, RIH W/ BIT & WS, TAG, POH W/
BIT, ONE CONE MISSING, RIH W/ IMPRESSION BLOCK, RIH W/ DH VIDEO, RIH W/ 3 3/4" BULL NOSE BIT,
FELL THRU TIGHT SPOT, WENT DOWN TO 8426', POH, RAN CSG INSPECTION LOG, RIH W/ STRING MILL
& BIT, TAG @ 10569', POH W/ STRING MILL, RIH W/ PEAK COMPLETION ISOPAK OH PACKERS & PORTS
STIM ABO LATERAL AS FOLLOWS

10280-10704 27,552 GAL 20% ULTRAGEL, AIR 6 7 BPM @ 4900 PSI
9327-9790 10,238 GAL 20% ULTRAGEL, AIR 8.0 BPM @ 4800 PSI
8927-9327 18,312 GAL 20% ULTRAGEL, AIR 9.0 BPM @ 4800 PSI

RETRIEVE WHIPSTOCK & RBP, RIH W/ SD450 SUB PUMP W/ INTAKE @ 8370', BTM OF MOTOR @ 8405',
RWTP ON 11/8/07

NVAU #291H

WELLBORE DIAGRAM

12/2007 CONVERT WELL TO ROD PUMP

POH W/ TEST SUB, RIH W/ 2 7/8" PROD TBG W/ SN @ 8694', & TAC @ 8280', RIH W/ 2.5" X 1.50"
x 24' x 4' ROD PUMP, 1" X 4' STBL SUB, 12 - 1 1/2" NEW K-BARS, 216 - 7/8" NEW N96 RODS, 117
- 1" N96 RODS, 1" N96 ROD SUBS & 1 1/2" x 26' SMPR, RWTP ON 12/5/07

LAST REPORT - 38 BOPD, 54 BWPD & 53 MCFPD ON 1/9/08