

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

5a. Indicate Type of Lease
State ☒ Fee ☐
5. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.
USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL ☐ GAS WELL ☒ OTHER ☐	7. Unit Agreement Name
2. Name of Operator Pogo Producing Company	8. Farm or Lease Name State L "COM"
3. Address of Operator P.O. Box 10340 Midland, Texas 79702	9. Well No. 2
4. Location of Well UNIT LETTER F 1980 FEET FROM THE North LINE AND 1980 FEET FROM THE West LINE, SECTION 25 TOWNSHIP 21-S RANGE 34-E NMPM.	10. Field and Pool, or WHdcat Grama Ridge East
15. Elevation (Show whether DF, RT, GR, etc.) 3649.8 GR	12. County Lea

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐
PULL OR ALTER CASING ☐
OTHER ☐

PLUG AND ABANDON ☐
CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐
COMMENCE DRILLING OPNS. ☐
CASING TEST AND CEMENT JOB ☐
OTHER Completion ☐

ALTERING CASING ☐
PLUG AND ABANDONMENT ☐

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1503.

- 5/1/85 - PBTB 13,136'. Finish RIH 409 jts 2 7/8" tbq to 12,600', Hydro test tbq to 10,000#. Remove BOP, install 2 7/8" 10,000# tree, latch Baker anchor seal assembly into Model D pkr @ 12,600' w/20,000# compression on pkr, test tree to 10,000#, held ok.
- 5/2/85 - PBTB 13,136'. McCullough ran GR-CCL Correlation log @ 13,100' to 12,560'. McCullough perf 5" liner w/2 JSPF w/1 9/16" tbq gun @ 12,650'-57', 12,660'-64', 12,667'-72', 12,702'-11', 12,790'-99', 12,806'-12', 12,815'-20', 104 holes & 52'. No TP after perforating.
- 5/4/85 - PBTB 13,136'. Howco acidize perfs @ 12,650'-12,820' (OA) w/6000 gal 7.5% NEFE acid & additives + 150 RCN ball sealers, flushed w/77 Bbl 3% KCL wtr w/additives. AIR 5.4 BPM w/6600 Psi TP, max press 7000#. Min psi 6100 Psi, fair ball action while pumping the last 2000 gal ISDP 5500# 5 min 5200# & 15 min 5100#, short 220 BLW.
- 5/7/85 - PBTB 13,136'. Howco frac perfs @ 12,650'-12,820' (OA) down 2 7/8" tbq w/57,000 gal of 70% CO₂ foam & 30,000# 20-40 mesh sand & 49,000# 20-40 mesh interprop in 2 stages, drop 55 RCN balls between stages, AIR 9.6 BPM w/10,000#, Min rate 8 BPM w/910C# ISDP 6700#, 5 min 6000#, 15 min 5920# 4 hrs SITP 5500#, short 500 BLW.

CONTINUED ON ATTACHED SHEET

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED [Signature] TITLE Petroleum Engineer DATE 6/24/85
PROVED BY _____ TITLE _____ DATE JUL - 1985
CONDITIONS OF APPROVAL, IF ANY: _____

State L "COM" #2
1980' FNL, 1980' FWL,
Sec. 25, T-2N-S, R-34-E
Lea County, New Mexico

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- 5/11/85 - PBTD 13,136'. 13 Hrs. SITP 950#, CP 50#, bled to 15# in 1 hr, Rec 9 BLW 2% oil cut bled csg & loaded tbq w/75 BW, remove WH, install BOP, unseated tbq anchor assy & POH LD 353 jts 2 7/8" work string.
- 5/12/85 - PBTD 13,136'. 12 Hr SITP 20#, POH & LD 59 jts 2 7/8" tbq (432 jts on loc) McCullough set 5" CIBP @ 12,595', RIH Baker Lok-Set pkr + EL 2 tbq seal receptacle (1.81" profile) on 2 3/8" N-80 ABC Mod tbq testing to 6000# GIH. RIH 130 jts.
- 5/14/85 - PBTD 12,595', Finish RIH 402 jts 2 3/8" N-80 ABC Mod tbq & Baker Lok-Set pkr to 12,520', Hydro test tbq to 6000#.
- 5/15/85 - PBTD 12,595'. Howco spot 75 gal of 10 ppg 10% MSA from 12,520'-12,420', set Baker 5" Lok-Set pkr & EL tbq receptacle w/1.81 F profile @ 12,445', w/12,000# compression, Howco test CIBP, pkr & tbq to 5000# held ok, remove BOP, install tree & test to 5000#, held ok, swab tbq FL to 2300' FS. McCullough perf 5" liner w/1 9/16" tbq gun w/2 JSPF @ 12,506' to 12,514' (18 holes & 9')
- 5/16/85 - PBTD 12,595'. Acidized perfs @ 12,506'-514' w/3000 gas 7 1/2% NEFE HCL acid + 40 RCN balls, AIR 2 BPM w/6550# TP, max rate @ 3 BPM w/7000#, Min TP 6350#, good ball action, flush w/50 B 3% KCL treated wtr, ISDP 5200#.
- 6/6/85 - PBTD 12,595'. RIH Baker anchor seal assembly & model EL tbq seal receptacle w/1.81 F profile + 400 jts + 2 subs of 2 3/8" 4.7# N-80 ABC modified tbq. Hydro test tbq to 10,000#, remove BOP, install 5000# tree. Test tree to 5000# ok. Baker tbq seal assembly latched comp. Test csg annulus to 2000# ok.
- 6/8/85 - PBTD 12,595'. 12 Hrs, SITP 5400#. Howco foam frac perfs @ 12,506'-514' down 2 3/8" tbq w/23,500 gal of 50-50 foam fluid + 23,500# proppant. AIR 5.5 BPM @ 9750# TP, max TP 10,000#, max rate 6 BPM Min TP 9650# ISDP 6200#, 5 min 5770#, 15 min 5680#, 2 hrs SITP 5600#, total load 300 bbl fluid + 70 tons CO₂.
- 6/16/85 - PBTD 12,595', Perfs 12,506'-514'. 66 Hrs SITP 4985#, DWT. Bennett & Cathey ran 4 point test. Fld 1 hr, 1/64" chk, 400# B.P. FTP 4985#-4115#, 110 MCFPD Fld 1 hr, 1.5/64" chk, 400# B.P. FTP 4115#-3720#, 155 MCFPD, Fld 1 hr, 2/64" chk, 400#, B.P. FTP 3720#-3325#, 219 MCFPD, Fld 1 hr, 2.5/64" chk, 400# B.P. FTP 3325#-2935#, 283 MCFPD, Fld 1 1/2 Hrs, 14/64" chk, 500# B.P. FTP 2935#-500#, 4 B.W., Fld 1 hr, 14/64" chk, 500# B.P. FTP 500#-1840#, 850 MCFPD + 1 1/2 B.W. SI @ 9:00 pm 6/15/85.
- 6/18/85 - PBTD 12,595', Perfs 12,506'-514'. 66 Hrs SIBHP 7725 PSIA, SITP 4985# DWT. Potential test CAOF 920 MCF/D. S.G. Gas 0.695.