

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons.
P.O. Box 1980
Hobbs, NM 88241

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Pogo Producing Company

3. Address and Telephone No.

P. O. Box 10340, Midland, TX 79702-7340 (915)685-8100

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

660' FNL & 1650' FEL, Section 34, T22S, R32E

5. Lease Designation and Serial No.

NM-77060

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Red Tank 34 Federal #1

9. API Well No.

30-025-31720

10. Field and Pool, or Exploratory Area

North Diamondtail Morrow

11. County or Parish, State

Lea County, NM

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

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☒ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other _____

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Pogo Producing Company respectfully request approval to abandon the depleted Morrow perfs (14,760'-66' and 14,778'-86') and plug back to the proven Brushy Canyon perfs 8390'-8410'. A recommended procedure and wellbore schematic is attached for your convenience. After the well has been fractured stimulated we will add the Brushy Canyon perfs of 8468'-72', 8488'-93' and 8507'-11'. Work on this project will begin as soon as approval is obtained from BLM.

14. I hereby certify that the foregoing is true and correct.

Signed

Title Division Operations Manager

Date 2/25/98

(This space for Federal or State office use)

(ORIG. SGD.) DAVID R. GLASS

Title

PETROLEUM ENGINEER

Date

MAR 03 1998

Approved by
Conditions of approval, if any:

RED TANK 34 FEDERAL # 1

WORKOVER PROCEDURE

- 1 R/U WIRELINE WITH MAST TRUCK- MAKE GAUGE RING RUN - SET 2 7/8" CIBP AT 14050' - CAP WITH 35' CMT
- 2 SET 2 7/8" CIBP AT 13950' - CAP WITH 35' CMT - R/D WIRELINE
- 3 MIRU WELL SERVICE UNIT - LOAD TUBING AND CASING WITH LEASE SALT WATER - N/D TREE - N/U BOP'S
- 4 RELEASE ANCHOR AT 11866' - POOH WITH 2 7/8" TUBING
- 5 R/U WIRELINE - MAKE 7" GAUGE RING RUN - SET CIBP AT 11650' - CAP WITH 35' CMT.
- 6 TIH WITH 2 7/8" TUBING - SPOT 100' CMT. PLUG 8650' TO 8550 - POOH L/D TUBING
- 7 P/U 7" SCRAPPER AND 2 7/8" EUE 8RD. TUBING - RIH TO PLUG BACK T.D. - CIRC HOLE WITH 2 % KCL F.W.
- 8 POOH WITH TUBING AND 7" SCRAPPER
- 9 R/U WIRELINE - RUN CBL.GR.CCL FROM PBTD TO TOC - PERFORATE BRUSHY CANYON
8390' TO 8410' (2SPF) 120 DEGREE PHASE WITH 4" CASING GUN
- 10 TIH WITH 7" SERVICE PACKER - ACIDIZE PERFS WITH 1000 GALS. 7 1/2% HCL WITH HANGING PACKER -
PULL UP TO 8350' - SET PACKER AND SWAB LOAD.
- 11 FRAC BRUSHY CANYON AS PER ELY RECOMMENDATION - FLOW BACK FOR FORCED CLOSURE
- 12 RELEASE PACKER AND POOH
- 13 ADD BRUSHY CANYON PERFS 8468' - 72', 8488' - 93 AND 8507' - 11' (2SPF) 120° SPIRAL PHASING WITH 4" GUN
- 14 RIH WITH PUMPING ASSEMBLY WITH TAC AND MUD ANCHOR- N/D BOP'S - INSTALL PUMPING WELL HEAD-
RIH WITH ROD PUMP
- 15 SET PUMPING UNIT- HANG WELL - RUN ELECTRICAL SERVICE - HANG OFF WELL - PUMP TO TEST USING
RED TANK 34 FD. #2 TANK BATTERY

RED TANK 34 FD. #1

13 3/8 CSG CMT'D WITH
794 SKS C LITE, TAILED WITH
200 SKS C WITH 2% CACL

13 3/8 CASING @ 700'

9 5/8 STAGE TOOL @ 4560'

9 5/8 STAGE TOOL @ 4560'

9 5/8 CSG. CMT'D 1ST. STAGE
WITH 1735SKS C LITE TAILED
WITH 300 SKS C CMT'D 2ND.
STAGE WITH 900 SKS C LITE
TAILED WITH 50 SKS C -CIRC'D
BOTH STAGES

9 5/8 CASING 47# & 43.5# N-80
4560'

7" CASING STAGE TOOL @ 6199

7" CASING STAGE TOOL @ 6199

7" CASING STAGE TOOL @ 8858'

7" CASING STAGE TOOL @ 8858'

7" CSG. CMT'D 1ST. STAGE WITH
100SKS. H LITE -TAILED WITH 500SKS.
H CMT'D 2ND. STAGE WITH 125 SKS.
H LITE- TAILED WITH 650 SKS H
CMT'D 3RD. STAGE WITH 625 H LITE
TAILED WITH 200 SKS. H
CALCULATED TOP OF CMT. 5000'

375 JTS. 2 7/8" 8.7# N-80 TBG.
PH-6 HYDRIL CONNECTIONS

7" CASING 29# N-80 & P110
12006'

GUIBERSON 5" GT-1 PACKER WITH ANCHOR LATCH
11866' OTIS R NIPPLE @ 11832' 2.125" ID

FORMATION TOPS:

DELAWARE LIME - 4786'
BELL CANYON - 4805'
CHERRY CANYON - 5609'
BRUSHY CANYON - 6840'
BONE SPRING LIME - 8654'
3RD. BONE SPRING - 11679'
WOLFCAMP - 11821'
STRAWN - 13603'
ATOKA CLASTICS - 13752'
ATOKA LIME - 14015'
MORROW CLASTIC - 14556'
LOWER MORROW - 15090'

5" LINER CMT'D WITH 275' SKS.
H 'NO CMT ON LINER TOP
PACKER ON LINER TOP

ATOKA PERFS. 13969'- 74'

76JTS 2 7/8" FL4S TBG. 8.7#

OTIS R NIPPLE @ 14106' 2.125" ID
BONDED SEALS IN 3 1/2" PBR

5" LINER 18# P110
14304' BOTTOM 11767' TOP

MORROW PERFS. @ 14760'- 66' & 14778'- 86'

3 1/2" LINER CMT. WITH
45 SKS. H
NO CMT. ON LINER TOP

P.B. T.D. 15163' CMT F.C. @ 15262'

3 1/2" LINER 12.5# L-80
15300' BOTTOM 14140' TOP