

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

RECEIVED
BLM

93 JUN 18

Lease Designation and Serial No.
NM 012711
Indian, Allottee or Tribe Name

070 FARMINGTON, NM

Permit Agreement Designation

14-20-001-2457

8. Well Name and No.

Howell #2

9. API Well No.

30 045 09703

10. Field and Pool, or Exploratory Area

Blanco Mesaverde

11. County or Parish, State

San Juan, NM

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Amoco Production Company

Attention

E. R. Nicholson

3. Address and Telephone No.

P. O. Box 800, Denver, Colorado

(303) 830-5014

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

1850' FNL, 1825' FEL Sec. 10-T30N-R8W Unit "G"

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

TYPE OF SUBMISSION

TYPE OF ACTION

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

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

- ☐ 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.)*

See Attached.

If there are any questions, please contact E. R. Nicholson at (303) 830-5014.

RECEIVED

JUN 24 1993

OIL CON. DIST.
DIST. 3

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

Signed

E. R. Nicholson

Title

Staff Admin Analyst

Date

6/16/93

(This space for Federal or State office use)

ACCEPTED FOR RECORD

Approved by

Title

JUN 28 1993

Conditions of approval, if any:

FARMINGTON DISTRICT OFFICE

Title 18 U.S.C. Section 1001, makes 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.

BY

MIRU on 2/25/93. Nipple down upper tree of well head. Install BOPS. Pull donut and 1 single. Install 5 1/2" RTTS pkr w/x-over sub below with hole with hole drilled in sub. Run pkr. Pmp 60 bbls 2% KCl dwn tbg. Tag fill 5024. PBTB 5075. TOH. Top 50 jts tbg in very poor condition. Hole in tbg approx 20 stands from surf. Pull total of 163 jts. Rig in wireline. Set 5 1/2 ret plug at 4350. Rig dwn wireline. TIH 2 3/8 tbg. Circ. TOH and lay dwn 24 bad jnts. Make up 5 1/2 RTTS Pkr and TIH. Set pkr 1245. Pr tst backside to 1000 psi - ok. Pr tst below pkr - no go. Isolate hole in 5 1/2 csng. Between 3389-3420. TOH with pkr. NDBOPS. Decision made ot shoot hole in 5 1/2 csng. Shoot 1 hole 3 ft from surface. Well flowing immediately. TIH with second 5 1/2 ret plug and pkr. Set plug and pkr. Set plug 2239. Set pkr 2208. Pr tst plug and csng 750 - ok. Release pkr and TOH with same. Pmp 100 bbls 13 ppg mud dwn intermediate csng and up braiden head. Interm csng dead. Chg out intermediate csng valve. Chg out braidenhead valve to 2". NDBOP and spool. Spear csng. Remove slips. Install larger spool and NUBOPs with 5 1/2 rams. Rig up wireline, run freepoint. Backoff casng 1971 - ok. Rig in power tongs. Pull total of 61 jts and cut off jnt. Rig dwn. Chg rams to 2 3/8. Make up 7 5/8 scraper and TIH to 1952. TOH with w/scraper. TIH on 2 3/8 tbg. Set plug 1956. Pull 1 strand. Pr tst plug and csng to 1000 psi - ok. Start out of hole to isolate csng leak. Pr tst every 300 ft. Isolate csng leak from 813 - 845. Problems setting pkr due to not enough weight. TOH. TIH with tension pkr. Continue out of hole isolationg leaks. Appears leaks at 637, 447, and 261. Multiple holes in csg. TIH with tension pkr. Run CBL-VDL-GR-CCL log from 1956-20. Definite cmt top at 960. Rig down wireline. Pmp 3 sks of sand dwn hole. Mix and pmp 145 sax 65-35 cmt 12.3 ppg and 150 sax Class B 15.6 ppg. Tail cmt contained Halad, Cal Seal and Super CBL. Install 7 5/8" wooden plug and displace cmt to 400 ft. Obtain approx. 5 bbls good cmt returns. Rig Down cementers. Make up 6 3/4" bit on 4 3/4 collars and TIH on 2 3/8 tbg. Tag cmt 408. Rig up swivel. Drill out plug and 24 ft of cmt. Cmt very soft. Circ hole clean. TIH with 3 stands. Rig up swivel. Drill cmt from 432 to 767. Circ hole clean. Rig dwn swivel. TIH. Tag cmt. Rig up swivel. drill cmt to 825. Fell through to 840. Circ out soft cmt to 860. Pr tst csng 400 psi - no go. TOH. Make up Halliburton tension pkr and TIH on 2 3/8 tbg to isolate leak. Appears csng leaks from 920 to 736. TOH w/pkr. TIH open ended to 977. Mix and pmp 100 sks cmt w/Halad 344, Cal Seal & Super CBL. (20 bbls slurry) balance plug. Pull tbg up to 506. Reverse out excess cmt. TOH w/tbg. Fill hole and squeeze approx 1.3 bbls slurry thru holes. Pr increased to 700 psi. Repeat with same results. Bleed off to 100 psi and shut in well. Shut in pr after squeeze ok. Make up bit on collars and TIH on 2 3/8 tbg. Tag cmt 644. Drill cmt to 1010. Pr tst csng 450 psi and bled back to 400 and stabalized. Ok. TOH. Make up ret head for 7 5/8 ret plug and TIH on 2 3/8 tbg. Latch onto plug and release same. Run 61 jnts 5 1/2 csng. Pr tst csng 1000 psi - ok. Cut and redress csng - pr tst seals 1000 psi - ok. TIH for plug. TOH. TIH w/pkr set at 2903. Pressure backside to 500 psi. Establish feedrate dwn tbg of 1 BPM at 1000 psi. Obtain circ up intermed csng. Mix & pmp 200 sks cmt with Cal Seal, Halad 344 & Super Cbl. Obtain full returns thru job. Release Pkr. Tag cmt at 3175. Drill cmt to 3298. Circ hole clean. Drill cmt to 3430. Pr test 5 1/2 csng to 500 psi - ok. Latch onto plug and release same. Plug stuck. Jar plug 3 times. Plug free. Plug missing 1 slip and all elements. Make up 5 1/2 scraper and TIH. TOH. Make up Halliburton 2 3/8 Bailer and TIH on 2 3/8 tbg. Tag fill at 5011. Clean out to 5033. Bailer quit. TOH w/bailer. Recovered parts of slips and rubber. Clean out bailer and TIH with bailer. Clean out to 5039. Bailer quit. TOH w/bailer. Recovered Plug springs cmt pieces. Clean out bailer. TIH w/prod tbg and land at 4894. NDBOP and NUWH. Rig up swab equip. Starting fluid level 3600. Tbg 300, csng 400 Intermed 0-5 & brhead 0 psi. Install choke and flow well thru 24/64" choke for 2 hours. Shut in well. RDSU 3/19/93.

If there are any questions, please contact E. R. Nicholson at (303) 830-5014.