

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

5. Lease Designation and Serial No.

SF-078487-A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

14-08-001-3521

8. Well Name and No.

Pritchard #4

9. API Well No.

30-045-07643

10. Field and Pool, or Exploratory Area

Blanco Pictured Cliffs

11. County or Parish, State

San Juan New Mexico

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

2. Name of Operator

AMOCO PRODUCTION COMPANY

Attention:

E. W. Baker

3. Address and Telephone No.

P.O. Box 800, Denver, Colorado 80201

(303) 830-4784

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

1450 FSL 790 FWL Sec. 31 T 29N R 08W Unit L

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 Workover

- ☐ 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.)*

Please See Attachment.

RECEIVED
MAY 23 1994
OIL CON. DIV.
DIST. 3

RECEIVED
JUN 1 1994
OIL CON. DIV.
DIST. 3

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

Signed _____ Title Staff Support Date 04-20-1994

(This space for Federal or State office use)

Approved by E.W. Baker Title _____ Date _____
Conditions of approval, if any:

ACCEPTED FOR RECORD

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.

Subsequent Report
Well Name: Pritchard #4
API #: 30-045-07643
San Juan County, New Mexico

2/17/94 MIRUSU. Csg press - 20#, tbg press - 320#, B.head - 20#. Blew dn tbg, killed Mesaverde w/50 bbls 2% clay fix wtr. NDWH & released pkr. NUBOP & reset pkr to keep water from the B.head from Mesaverde formation. Tbg press - 180#, csg - 20#, B.head - 20#. Blew dn tbg & pumped 20 bbls wtr to kill Mesaverde. TOH w/seal assy & 2.875" tbg. Tbg hung in BOP. Stripped off BOP and found rubber tbg guides in BOP. Recovered 26 1' tbg guides. TIH w/junkbasket to 1400'. TOH w/basket & RD Petro. TIH w/ 3-7/8" bit & 4.5" scraper to 2215'. TOH w/tbg & scraper. TIH w/7" scraper to 1400' & tagged. Pushed scraper to 2160'. TOH w/tbg & scraper & found heavy paraffin on scraper. TIH w/7" cup type plg & 7" pkr to 400'. TOH w/plug & pkr. TIH w/7" pkr to 2032' & set pkr to keep OJO fluid off Mesaverde perms. Tbg press - 220#, csg press - 20#, B.head - 20#. Release pkr & TOH w/tbg & pkr. TIH w/rbp & pkr & tbg. Set rbp @ 2050' & TOH w/1 jt tbg & set pkr. TOH laying dn 2.875" tbg w/2.375" pkr & set pkr @ 1080'. TOH w/tbg laying dn tbg. TIH w/2.375" tbg & tension pkr. Laid dn old tbg string & pu new tbg string. Csg press - 20#, B.head - 20#. TIH w/cbl tool, logged 2000' to surf. Cir B.head w/clean 2% clay fix wtr. TIH w/tbg to 825', RU H.E.S. cmt, pumped 10 bbls wtr ahead of cmt. Pumped 43 bbls cmt mixed w/ 0.8% Halad 322, 2% KCL, 5% Cal seal to fill csg. TOH w/tbg & filled csg w/cmt. Took 8.5 bbls cmt to load csg. Shut in rams, pumped 24 bbls cmt. Well pressured up to 1200# & lost returns up B.head. Started displacement & pumped 1/2 bbl & bridge cleared. Pumped 23 bbls cmt @ avg press of 500#, avg rate of 1.5 bpm w/good returns thru B.head. Started displacement, pumped 11 B.W. When cmt returned to surf, pumped 3 bbls good cmt to pit & SWI w/14 B.W. in csg. Closed in B.head, csg., RD H.E.S. cementers. NDBOP & ND tbg hanger. Weld on 7" csg neck for new seal & new tbg hanger. NU tbg hanger & pres tst'd seals to 1500#. Seals held. NUBOP & TIH w/ 6-3/4" bit, collars & tbg, tagged cmt @ 375'. TOH w/1 std tbg. Csg press - 0#, tbg press - 0#, B.head - 0# w/no wtr flow. Press tst'd csg to 500#, held for 15 min. Started drlg cmt @ 375'. Drilled to 540'. Press tst'd csg to 500#, csg held press for 15 min. Drilled cmt from 540' - 787'. Pres tst'd csg to 500#, held. Drilled cmt from 787' - 855' & fell out of good cmt. Drilled stringers to 870'. Press tst'd csg to 500#, held for 15 min. TOH w/tbg & DC's. TIH w/cbl, ran cbl from 2000' to surf. TIH w/ret. head & tbg to 2030'. C/O rig pit, cir sand off rbp w/clean 2% clay fix wtr. TIH & latch onto rbp. Released rbp, & TOH w/tbg & rbp. PU wire shoe, 2 jts wash pipe, collars & TIH w/tbg. Tagged rubbers @ 2160', TOH w/tbg & wash pipe. Recovered two rubbers, TIH w/washpipe & tbg & RU power swivel, worked washpipe over rubbers. TOH w/ washpipe & tbg. 1 jt washpipe was plugged w/rubber. TIH w/1 jt washpipe & tbg. RU pwr swivel, worked washpipe to top of pkr. TOH w/tbg & washpipe. 9' of washpipe plugged w/rubber. TIH w/millshoe, DC's & tbg to pkr top. Milled 36" on pkr & cir hole clean. TOH w/tbg, collars & tbg. TIH w/millshoe, collars & tbg. Milled thru pkr & pkr dropped 13' to top of liner. TIH w/tbg & tagged pkr. TOH w/tbg, collars & millshoe, pkr was not in shoe. RU 4-3/8" grapple & overshot, TIH w/overshot, bumper sub, jars, collars & tbg. Tagged pkr & caught fish. TOH w/tbg, collars, jars, bumper sub & overshot. Laid dn fish, overshot, jars & bumper sub. TIH w/7" scraper & tbg to liner top. TOH w/tbg & scraper. TIH w/ 7" rbp, pkr & tbg, & set rbp @ 2284'. TIH w/1 jt tbg & set pkr. Loaded tbg w/2% clay fix wtr & tst'd plg to 1,000#. Plg tst'd good. TOH w/pkr TO 1748' & tried to cir fluid. Could not get cir to surf. Set pkr @ 1748' & dropped 3 sx sand dn tbg. MIRU H.E.S. to P&A the P.C. zone. Pumped dn backside & loaded csg w/wtr. Pressured csg to 500#. Started wtr dn tbg to establish rate. Established rate of 5 bpm @ 900#. Started pumping cmt & pumped 300 sx class B cmt w/226# Halad 322 & 14 sx Cal seal @ avg rate of 2 bpm & avg press of 600#. Started displacement & pumped 18 B.W. @ 1 bpm & press of 600#. Final press 100#. Released pkr & TOH w/tbg & pkr. TIH w/6-1/4" bit, scraper, collars & tbg. Tagged cmt @ 2012'. RU pwr swivel & pump, started drlg cmt & drilled cmt from 2012' to 2203'. Drilled cmt @ 2203' & drilled out of cmt @ 2271'. Press tst'd csg to 500#. Press bled dn to 415# in ten min. TOH w/tbg, D.C.'s, scraper & bit. Loaded hole wtr & SI blind rams. Pressured well to 500#; press held for 15 min. PU ret head & TIH w/tbg & ret head. Cleaned rig pit of cmt, mixed clay fix in clean wtr & prep to cir hole w/ clean wtr. RU pump & cir sand off rbp. Latched onto plg & breleased rbp. TOH w/tbg & rbp. TIH w/4.5" scraper, bit, D.C.'s & tbg, tagged btm @ 4490'. Drilled rubber, sand & metal to PBTD of 4580'. Drilled & swept hole clean w/191,000 scf N2. RD nit. unit & TOH w/tbg, scraper & bit. Laid dn D.C.'s & TIH w/muleshoe, 1 jt 2.375" tbg, SN, F-nipple & 2.375" tbg to 4400'. Csg press - 70#, tbg press - 120#, B.head - 0#. Blew dn press & TIH w/tbg, landed tbg. Prod tbg - muleshoe, 1 jt., SN, F-nipple, 144 jts 2.375" tbg. Btm of tbg @ 4524' w/ K.B., SN @ 4492' w/ K.B. NDBOP & NUWH. TIH w/swab & tagged fluid @ 3000'. Made 24 runs & rec 85 B.W. Total fluid rec w/N2 & swabbing - 195 bbls. Total fluid left to rec - 65 bbls. Final fluid level - 3000'. Final csg press - 320#, final tbg press - 70#. Csg press - 330#, tbg press - 400#, B.head - 0#. Started well flowing to tank, well flowed for 30 min. & flowed 5.1 bbls to tank. TIH w/swab, fluid gas cut. Made 12 runs & on the 6th run well flowed for 20 min. Total fluid swabbed - 21.77 bbls, total fluid flowed - 6.68 bbls. Total fluid recovered - 28.39 bbls. Total fluid left to rec - 37 bbls. SI well w/blow on tbg & 170# csg press. Csg press - 390#, tbg press - 400#, B.head - 0#. Opened well to tank & flowed well to tank for 1 hr. RU swab equip & made 12 runs. Pulled swab from seating nipple after the 5th run. Made 1 run per hr after the 5th run. Recovered a total of 25.09 bbls wtr. Total fluid rec - 53.48 bbls. Total fluid left to rec - 11.52 bbls. Final csg press - 135#. Tbg press - 390#, csg press - 380#. Opened well to tank. well flowed 1 hr. TIH w/swab & made 4 runs. Swabbed & flowed 11.85 bbls. Total fluid rec - 65.33 bbls. Total bbls left to rec - 0. RD & MO swab unit 3/13/94.

GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning

the use of this form and the number of copies to be submitted, particularly with regard to local area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

SPECIFIC INSTRUCTIONS

Item 4 - If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 13 - Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones,

or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

NOTICE

The Privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et. seq., 351 et. seq., 25 U.S.C. et. seq.; 43 CFR 3160.

PRINCIPAL PURPOSE - The information is to be used to evaluate, when appropriate, approve applications, and report completion of secondary well operations, on a Federal or Indian lease.

ROUTINE USES:

- (1) Evaluate the equipment and procedures used during the proposed or completed subsequent well operations.
- (2) Request and grant approval to perform those actions covered by 43 CFR 3162.3-2(2)
- (3) Analyze future applications to drill or modify operations in light of data obtained and methods used.
- (4)(5) Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal, or regulatory investigations or prosecutions.

EFFECT OF NOT PROVIDING INFORMATION - Filing of this notice and report and disclosure of the information is mandatory once an oil or gas well is drilled.

The Paperwork Reduction Act of 1980 (44 U.S.C. 3501, et. seq.) requires us to inform you that:

This information is being collected in order to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

This information will be used to report subsequent operations once work is completed and when requested, to obtain approval for subsequent operations not previously authorized.

Response to this request is mandatory for the specific types of activities specified in 43 CFR Part 3160.

BURDEN HOURS STATEMENT

Public reporting burden for this form is estimated to average 25 minutes per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management, (Alternate) Bureau Clearance Officer, (WO-771), 18 and C Streets, N.W., Washington, D.C. 20240 and the Office of Management and Budget, Paperwork Reduction Project (1004-0135), Washington, D.C. 20503.