

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.

JICARILLA CONTRACT 146

6. If Indian, Allottee or Tribe Name

JICARILLA APACHE

7. If Unit or CA, Agreement Designation

8. Well Name and No.

JICARILLA CONT 146 #40

9. API Well No.

3003923159

10. Field and Pool, or Exploratory Area

11. County or Parish, State

RIO ARRIBA

NM

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

2. Name of Operator

AMOCO PRODUCTION COMPANY

Attention:

WAYNE BRANAM, RM 1220

3. Address and Telephone No.

P.O. Box 800, Denver, Colorado 80201

(303) 830-4912

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

1090 FSL

1650FWL

Sec. 3 T 25N R 5W

UNIT N

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

- ☐ 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.)*

THIS WELL IS CURRENTLY A BLANCO MESAVERDE PRODUCER. AMOCO PROPOSES TO ADD THE BASIN FRUITLAND COAL GAS POOL (FRUITLAND COAL) AND THE SOUTH BLANCO PICTURED CLIFFS (PICTURED CLIFFS) PER THE ATTACHED PROCEDURES. THE PICTURED CLIFFS AND THE FRUITLAND WILL BE DOWNHOLE COMMINGLED AND DUALED WITH THE MESAVERDE.

RECEIVED
JUN 13 1994
OIL CON. DIV.
DIST. 3

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

Signed

Wayne Branam

Title

BUSINESS ANALYST

Date

05-24-1994

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

S/ Joseph Jaramillo

Acting

Title

Chief, Lands and Mineral Resources

Date

JUN 9 1994

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.

RECEIVED
JUN 10 1964
U.S. AIR FORCE
OFFICE OF THE
JOINT CHIEFS OF STAFF
WASHINGTON, D.C.

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U.S. AIR FORCE

OFFICE OF THE
JOINT CHIEFS OF STAFF
WASHINGTON, D.C.

Jicarilla Contract 146 - 40
Sec03N-T25N-05W
Gonzales Mesa Verde
Fruitland Coal/Pictured Cliff Recompletion

1. Check location for anchors. Install if necessary. Test anchors.
2. MIRUSU. Blow well down. Use 3% KCl if kill fluid needed. NDWH. NUBOP.
3. POOH w/ 2-3/8" tbg. Visually inspect tbg and replace any bad joints.
5. TIH w/ 2-3/8" tbg, bit and scraper to 4000'. TOO H.
6. TIH w/ 4-1/2" RBP and PKR. (4-1/2" csg drift I.D. 3.875") Set RBP @ 3200'.
Release RBP pull one stand set pkr. Pressure test RBP, load backside and pressure test csg to 3000 psi.
7. Run cased hole GR/CCL log from 3100' to 2700'.
8. Swab down fluid level to perforate underbalanced.
9. TIH w/ 4" perforating gun, 90° phasing, minimum 23 gram charge.
Perforate the Pictured Cliff formation w/ 8 JSPF.
PC/FRT not logged during initial completion. Perforation intervals dependent on step 8.
10. Fracture stimulate down casing. (Procedure to follow) Shut well in for a minimum of 4 hours.
11. Flow well back slowly, attempting to avoid sand production.
12. Report gas and water rates to engineer. Take wellhead gas and water samples. Submit for analysis.
13. TIH w/ mule shoe, 1-1/4" tubing, and seating nipple one joint off bottom. Land tbg.
14. Flow test Pictured Cliff. TOO H w/ 1-1/4" tbg.
15. TIH w/ 4-1/2" RBP and land at top perforations.
16. TIH w/ 4" perforating gun, 90° phasing, minimum 23 gram charge.
Perforate the Fruitland Coal formation w/ 8 JSPF.
PC/FRT not logged during initial completion. Perforation intervals dependent on step 8.

17. TIH w/ mule shoe, 1-1/4" tubing, and seating nipple one joint off bottom. Land tbg.
18. Flow test Fruitland. TOOH w/ 1-1/4" tbg.
19. TIH release RBP. POOH. TIH release RBP. POOH.
20. TIH w/ 4-1/2" Model D pkr. Set pkr at 4000'.
21. TIH w/ 1-1/2" tailpipe, seal assembly and 1-1/2" tbg.
22. Land tbg at 5100'.
23. TIH w/ mule shoe, 1-1/4" tbg, and seating nipple. Land tbg into Pictured Cliff formation.
24. NDBOP. NUWH. RDMOSU. Return well to production, swab if necessary.

REPORT ANY PROBLEMS TO TY SMITH (socon 721-5164)

UNITED STATES
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Revised Procedures per telephone conversation with Robert Kent.

RECEIVED
AUG - 4 1994
OIL CON. DIV.
DIST. 3

If you have any questions please contact Wayne Branum at (303) 830- 4912.

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

Signed

Wayne Branum

Title

BUSINESS ANALYST

Date

05-24-1994

(This space for Federal or State office use)

Approved by

(ORIG. SGD) DAVID R. SITZLER

Acting Chief, Lands and Mineral Resources

Title

Date

AUG 3 1994

Conditions of approval, if any:

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.

Jicarilla Contract 146 - 40
Sec03N-T25N-05W
Blanco Mesa Verde
Fruitland Coal/Pictured Cliff Recompletion

1. Check location for anchors. Install if necessary. Test anchors.
2. MIRUSU. Blow well down. Use 3% KCl if kill fluid needed. NDWH. NUBOP.
3. POOH w/ 2-3/8" tbg. Visually inspect tbg and replace any bad joints.
4. TIH w/ 2-3/8" tbg, bit and scraper to 3500'. TOOH.
5. TIH w/ 4-1/2" CIBP. (4-1/2" csg drift I.D. 3.875") Set CIBP @ 3075'. Pressure test csg to 3000 psi. Spot sand on top of CIBP.
6. Run cased hole CNL\GR\CCL log from 3100' to 2700'.
7. Swab down fluid level to perforate underbalanced.
8. TIH w/ 3-3/8" perforating gun, 90° phasing, minimum 16 gram charge. Perforate the Pictured Cliff formation and lower Fruitland Coal w/ 8 JSPF. PC/FRT not logged during initial completion. Perforation intervals dependent on step 7.
9. Fracture stimulate down casing. (See Frac Schedule A) Shut well in for a minimum of 4 hours.
10. Flow well back slowly, attempting to avoid sand production.
11. Wireline set DTTS (drillable, test, treat, squeeze) pkr and isolate Fruitland from Pictured Cliff. TIH and sting into DTTS. Flow test PC through tbg. Report gas and water rates to engineer. Take wellhead gas and water samples. Submit for analysis.
12. Set plug in seating nipple below DTTS pkr. Sting out of pkr. Spot sand across lower fruitland zone.
13. TIH w/ 3-3/8" perforating gun, 90° phasing, minimum 16 gram charge. Perforate the upper Fruitland Coal formation w/ 8 JSPF. PC/FRT not logged during initial completion. Perforation intervals dependent on step 7.
14. Fracture stimulate down casing. (See Frac Schedule B)
15. TIH w/ tbg string and circulate sand from lower fruitland.

16. Flow test Fruitland. TOOH w/ 1-1/4" tbg. Report gas and water rates to engineer. Take wellhead gas and water samples. Submit for analysis.
17. POOH w/ tbg. TIH and drill DTTS pkr. POOH w/ pkr.
18. TIH circulate sand off CIBP. Drill CIBP. POOH.
19. TIH w/ mule shoe, 2-3/8" tbg, and seating nipple. Land tbg @ 5336'.
20. NDBOP. NUWH. RDMOSU.

REPORT ANY PROBLEMS TO TY SMITH (socon 721-5164)