

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

5. Lease Designation and Serial No.

9000109

6. If Indian Allottee or Tribe Name

JICARILLA DULCE

7. Unit or CA, Agreement Designation

8. Well Name and No.

JICARILLA B #7

9. API Well No.

3003908096

10. Field and Pool, or Exploratory Area

BLANCO MESAVERDE

11. County or Parish, State

RIO ARRIBA NEW MEXICO

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

2. Name of Operator

Attention:

AMOCO PRODUCTION COMPANY

WAYNE BRANAM, RM 1220

3. Address and Telephone No.

P.O. Box 800, Denver, Colorado 80201

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

1850FNL 1150FEL Sec. 16 T 26N R 5W

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.)*

AMOCO PROPOSES TO RECOMPLETE THIS WELL TO THE MESAVERDE (CLIFFHOUSE) PER THE ATTACHED PROCEDURE.

THE WELL IS CURRENTLY A DAKOTA PRODUCER WITH THE GALLUP SHUT IN.

IF THE MESAVERDE RECOMPLETION IS SUCCESSFUL, AMOCO WILL APPLY TO DOWNHOLE COMMINGLE ALL THE FORMATIONS.

IN ADDITION AMOCO REQUESTS PERMISSION TO SELL THE GAS DURING THE TESTING PHASE OF THIS RECOMPLETION. IN ORDER TO GET STABILIZED RATES THE TESTING MAY TAKE UP TO NINETY DAYS.

RECEIVED
NOV 10 1994

OIL CON. DIV.
DIST. 3

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

Signed

Wayne Branam

Title

BUSINESS ANALYST

Date

11-01-1901

(This space for Federal or State office use)

(ORIG. SGD.) ROBERT A. KENT

Title

for Chief, Lands and Mineral Resources NOV 8 1994

Date

Approved by

Conditions of approval, if any:

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-102

Revised 1-5-88

Instructions on back

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30 039 08096		2 Pool Code 72319		3 Pool Name Blanco Mesaverte		
4 Property Code 000733		5 Property Name Jicarilla B			6 Well Number 7	
7 OGRID No. 000778		8 Operator Name Amoco Production Company			9 Elevation 6610 GR	

10 Surface Location

UL or lot no. H	Section 16	Township 26N	Range 5W	Lot Idn	Feet from the 1850	North/South line N	Feet from the 1150	East/West line E	County Rio Arriba
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11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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12 Dedicated Acres 320 1/2	13 Joint or Infill N	14 Consolidation Code	15 Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<div>16</div> <div>Section 16</div> <div>RECEIVED DEC - 1 1994 OIL CON. DIV. DIST. 3</div>					<div>17 OPERATOR CERTIFICATION</div> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</p> <div><div>Signature</div><div>A. Wayne Branam</div><div>Printed Name</div><div>Business Analyst</div><div>Title</div><div>Nov 28, 1994</div><div>Date</div></div>				
					<div>18 SURVEYOR CERTIFICATION</div> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <div><div>ON File Jun 28, 1996</div><div>Date of Survey</div><div>Signature and Seal of Professional Surveyer:</div><div>Certificate Number</div></div>				

JICARILLA B 7
Sec. 16-T26N-R5W
Rio Arriba County, New Mexico
Cliff House Recompletion Procedure

REASON FOR WORK

Amoco wants to maximize the revenue generating capabilities of this wellbore by completing in the Cliff House formation and downhole commingling the Cliff House production with the existing production from the Gallup and Dakota formations. Completing the Cliff House formation will increase production from the wellbore by approximately 200 MCFD and allow for the recovery of approximately 440 MMCF of Cliff House formation gas reserves.

RECOMPLETION OBJECTIVES

Clean out the wellbore to the PBTD of 7633'. Perforate and fracture stimulate the Mesaverde Cliff House formation at 4854' - 4890', and 4910' - 4920'. Downhole commingle the Cliff House production with the existing Gallup and Dakota production and produce the wellbore through a single set of surface facilities. The estimated recompletion cost is \$100,000.

NEEDS

Individual formation flow rates, pressure data, and gas samples will need to be collected and analysed. The information will be utilized when requesting approval for downhole commingling of the production streams.

RISKS

The wellbore will need to be worked as hot as possible to keep from damaging the existing Gallup and Dakota completions. These two formations will be returned to production when the Cliff House completion is finished. Use 3% KCL water if kill fluid is needed.

SUGGESTED PROCEDURE

1. Shut-in the well for 72 hr. Obtain shut-in surface pressures from the tbg on the Gallup side and the tbg on the Dakota side. Collect gas samples from both completions and have analysed.
2. Drop a wireline with swab cups down the 2-1/16" tbg on both the Gallup completion and the Dakota completion. Identify the depth to the top of liquid on both sides. Swab and collect a representative sample of liquid from both the Gallup side and the Dakota side. Have HES perform a complete analysis of the liquid samples. The results will be used in the commingling application.
3. Lower the 2-1/16" tbg on the Gallup side down to the packer set @ 7290'. Circulate solids and liquid from the wellbore using N2.
4. TOH with the 2-1/16" tbg on the Gallup side.
5. Unseat the 2-1/16" tbg on the Dakota side from the Baker Model D packer set @ 7290'. TOH with the tbg.
6. Mill up the Baker Model D packer set @ 7290' using N2.
7. Run a bit and scraper to the PBTD of 7633'. Circulate the hole clean with N2.

8. Wireline set a RBP @ 6700' and cap with 5 sacks of sand.
9. Run a CBL/ACCL/GR from 6650' to surface. Determine TOC and if cement isolates the Cliff House pay from 4800' - 4950'. Cement remediation work will be done if necessary.
10. Pressure test csg to 3000 psi.
11. Perforate the Cliff House formation @ 4854' - 4890', and 4910' - 4920'. Correlate with Schlumberger's 'Compensated Formation Density log dated 9/19/66. Perforate with 4 JSPF, 120 degree phasing, minimum 12.5 gram charges.
12. Fracture stimulate Cliff House perforations down csg according to the attached frac schedule A. Shut-in the well over night.
13. Flow the Cliff House completion back up csg. Flow until the well cleans up. Tag for sand over the Cliff House perforations using a wireline. If necessary, clean out any sand that covers the perforations using N2 and 2-1/16" tbg.
14. Hang the 2-1/16" tbg intake @ 4850'. Flow test the Cliff House completion for 5 days. Obtain flow rates and pressures and notify engineering. Collect gas and water samples on the last day and send in for analysis.
15. Shut-in the Cliff House completion and obtain a 48 hr surface tbg pressure. Identify the depth of the top of liquid with a wireline and swab cups. Collect a representative sample of the liquid and have a complete analysis done by HES.
16. Pick-up and TOOH with the RBP that is set @ 6700'.
17. TTH with mule shoe, SN, and 2-1/16" tbg. Land the tbg intake @ 7370'.
18. Swab the well in with all 3 formations open. Blow the well clean for 3 or 4 days if necessary. Return the well to production.
19. Amoco will want to temporarily downhole commingle, produce and sell gas from all 3 formations through common surface facilities for 60 - 90 days while obtaining a stabilized producing rate from the Cliff House completion. Long-term downhole commingling approval will be requested after a stabilized producing rate is established from the Cliff House.

Steven B. Smethie 10/28/94
Steve Smethie, Engineer

R U Montoya 10/28/94
Ralph Montoya, Field Foreman

M. L. Rowland 10/28/94
Mike Rowland, Operations Specialists

JICARILLA B 007 157
Location - 16H- 26N- 5W
DUAL dk-gp
Orig. Completion - 10/66
Last File Update - 1/89 by BCB

BOT OF 8.625 IN OD CSA 368
20 LB/FT LP CASING
TOC - SURF

MU
4854-90
4910-20

gp--4SPF PERF 6858-6860 ~]

BOT OF 2.063 IN OD TBG AT 6843

dk--4SPF PERF 7349-7354 ~]
dk--1SPF PERF 7376-7384 ~]

BOT OF 2.063 IN OD TBG AT 7290
MODEL model d PACKER @ 7290

7460-7580 ~]

PBTD AT 7633 FT.

TOTAL DEPTH 7669 FT.

BOT OF 5.5 IN OD CSA 7669
15.5 LB/FT, J-55 CASING
Cathodic Protection - N
gp 12'd since 1976