

AMOCO PRODUCTION COMPANY

JICARILLA GAS COM. 35-D

Unit Letter

Section

Township

Range

County

L

12

24N

5W

Rio Arriba

Actual Footage Location of Well:

1650

feet from the

South

line and

1040

feet from the

West

line

Ground Level Elev.

Producing Formation

Pool

Dedicated Acreage:

6687

Dakota /Gallup

Basin Dakota /Otero Gallup

320 /160

Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.

2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

ACCEPTED FOR RECORD

MAY 19 1982

FARMINGTON DISTRICT

BY

Sec

RECEIVED

U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.RECEIVED
MAY 21 1982
OIL CON. COM.
DIST. 3

CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name

W. L. Peterson

Position

DISTRICT ENGINEER

Company

AMOCO PRODUCTION COMPANY

Date

May 13, 1982

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 knowledge and belief.

Date Surveyed

November 29, 1978

Registered Professional Surveyor

FARMINGTON DISTRICT
3950

NAME: JIMMIE L. A. BEE

LOCATION: 1650' FWL x 240' FWL; Section 12

T24N, R5W; Rio Arriba Co., N.M.

ELEVATIONS: KB: 6700 TD: 7150 P20: 7115

CASINGS: 8 7/8" 24# K-55 ST+C Surface CSG SA 414'

4 1/2" 10.5# K-55 ST+C PROD CSG SA 7159'

2 3/8" 4.7# J-55 ST+C tbg SA 7006'

LOGS: GR; IEL; Compensated Density + Neutron

DV TOOL SET AT: 5034'

PROCEDURE

WELLBORE SKETCH

COMPLETE GALLUP and COMMINGLE W/ DAKOTA

1.) Kill well with 2% KCL water and trip out with 2 3/8" tbg.

2.) Run gamma ray correlation log from 6250' - 5600'.

3.) Wireline set a top drillable bridge plug at 6090' and pressure test to 3800 psi.

4.) Perforate Induction log intervals 5884' - 6031' with 2 JSPE.

5.) Breakdown Lower Gallup with 150 ball sealers in 40 bbls of 2% KCL water. Establish a rate of 20 BPM and obtain an ISIP prior to dropping balls.

6.) Wireline set tubing retrievable bridge plug at 5960' and pressure test to 3800 psi.

7.) Perforate Induction log intervals 5826' - 5836', 5842' - 5864', 5892' - 5912', 5918' - 5924', 5928' - 5934' with 2 JSPE.

8.) Breakdown Upper Gallup (5826' - 5934') down casing with 180 ball sealers in 60 bbls of 2% KCL water. Establish a rate of 20 BPM and obtain an ISIP prior to dropping balls.

9.) Retrieve bridge plug set at 5960' and run junk basket to knock balls off perforators.

10.) Frac entire Gallup (5826' - 6031') down casing with 90,000 gallons of 20 lb gelled water containing 2% KCL, 1 gal surf per 1000 gallons frac fluid and 132,500 lbs of 20-40 mesh sand as follows:

A. Pump	15,000 gal (238 bbl) pad
B. Pump	5,000 gal (119 bbl) w/ 1/2 ppg SN
C. Pump	10,000 gal (238 bbl) w/ 1 ppg SN
D. Pump	60,000 gal (1479 bbl) w/ 2 ppg SN

- 11.) Leave well SI 2 hrs and then flow back. Drill out bridge plug set at 6090.'
- 12.) Clean up well until sand production stops. Wireline set a permanent (drillable) production packer at 6900.' Trip in hole with 2- $\frac{3}{8}$ inch production tubing, seal assembly and sliding sleeve.
- 13.) Land 2- $\frac{3}{8}$ inch tubing at 7020.'
- 14.) place a blanking plug in the lower seating nipple (1.78) of the sliding sleeve and open sliding sleeve. Release Rig and leave well SI for 7-days so that OT's can run a pressure bomb.
- 15.) After the seven day build-up flow on swab well for a minimum of seven days. All flow should be through a test separator to measure oil, water and gas production. Report all measurements daily on the drilling wire. It will also be necessary to collect oil, water and gas samples and send them to Richard Volz.
- 16.) Once testing of the Gallup is complete, remove blanking plug and close sliding sleeve with a wireline truck. After a commingling order is received the sleeve will be reopened.

NOTES

- 1.) Average injection rate during Gallup frac should be 35 BPM
- 2.) Run blast joints across Gallup

SUMMARY

FRAC FLUID (gal / well)	LOAD, FLUSH + BEN (gal / well)	20-40 SN (lbs)
90,000 / 8143	24,150 / 575	132,500

DRL Engineer: Richard Volz	327-0778
DIST Engineer: Wayne Peterson	326-0986
LEAD Engineer: Gary Munson	598-5781

APPROVED: R. W. Schroeder

BY: Wayne Peterson 4/22/82

DATE: 4/22/82