

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE
(Other instructions on re-
verse side)

Budget Bureau No. 101-0131
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

L-22-IND-52

6. IF INDIAN, ALLOTTEE OR TRUST NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

P and R

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Ute Dome Dakota

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

NW/NW, Section 1, T31N, R14W

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

1. OIL ☐ GAS ☒ OTHER ☐

2. NAME OF OPERATOR

Amoco Production Company

3. ADDRESS OF OPERATOR

501 Airport Drive, Farmington, New Mexico 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)
At surface

220' FNL x 220' FWL

RECEIVED

FEB 6 1984

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

6094' GR FARMINGTON RESOURCE AREA

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(Note: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. 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 Production Company requests approval to restimulate the above referenced well according to the attached procedure.

RECEIVED
FEB 22 1984
OIL CON. DIV.
DIST. 3

RECEIVED
Bureau of Land Management

Durand Colorado

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

SIGNED

TITLE District Adm. Supervisor

DATE February 2, 1984

(This space for Federal or State office use)

APPROVED BY David J. Miller
CONDITIONS OF APPROVAL, IF ANY:

TITLE Area Manager

DATE FEB 16 1984

*See Instructions on Reverse Side

FARMINGTON DISTRICT WORKOVER

DATE: 1-24-83

OPERATIONS TO BE PERFORMED: (Circle One)

Recompletion

Repair

Service

LEASE AND WELL P. 5R No. 1

FIELD W. P. D.

FORMATION Dakota

LOGS CR - Newton

LOCATION 220 NW 1/4 220 FWL Sec 1, T31N, R44W, San Juan County, New Mexico

COMP. DATE 4/23/23 EL: 16094 GL

TD: 2385 PED:

CSG: See below " " " " " "

COMP. INT. Open hole

ORIG. STIM. None

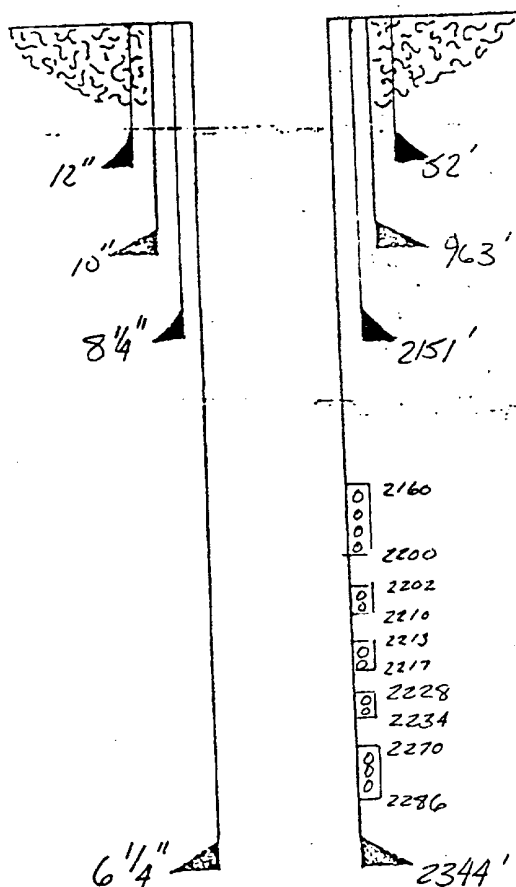
IP 70 MINCED

CURRENT PROD. INT. 2160 - 2286

PURPOSE: Refac

SDB DHS GOM 5/PERMITTING DESK (JMS, RWO, 2FF) ENGR FILE

WELLBORE SKETCH



PROCEDURE

1. Blow well down and trip out with 2" production tubing.
2. Trip in with tubing and retrievable packer and set at 2150.
3. Pressure test casing to 2500 psi. If casing leaks, proceed to step 10.
4. Trip in with work string, bit sub and 5 1/8" bit and drill out bridge plug. Trip out.
5. Establish rate and breakdown with 2% KCL water. Shut down and obtain ISIP.
6. Frac interval with 77,000 gal 70 quality nitrogen foam containing 20 lb/1000 gal, 1 gal/1000 surfactant and 114,000 lbs 20-40 sand as follows:

DISTRICT SUPERINTENDENT

DISTRICT ENGINEER

DISTRICT FOREMAN

ENGINEER

DATE

Dale H. Shoenmaker
J. M. Stevens
D. S. Ramsey

2-1-84

SDM
1-31-84

RECEIVED
FEB 22 1984
OIL CON. DIV.
DIST. 3

Stage Number	Stage Volume (gal)	Start Volume (BBL)	on Perf Volume (BBL)	Rate (BPM)	Concentration (PPG)
1	18,000	0	68	30	0 (Prod)
2	4,000	429	497	30	1
3	55,000	524	592	30	2
4	2,700	1833	1897	—	0 (Flush)

7. Shut in for 3 hours

8. Flow well back through $3/4$ " choke to clean up.

9. Trip in with $2\frac{3}{8}$ " production tubing and land at 2286. Rig down and move off.

10. Trip in with bit and drill out bridge plug set at 2150. Chase junk to bottom and circulate hole clean. Drill float, shoe, and cement to 2343. Trip out.

11. Perforate with a squeeze shot at the following depths: 2000, 800, 50. Penetration depth should be sufficient to penetrate all casing strings.

12. Run $4\frac{1}{2}$ " K-55 casing to 2343, with a float and shoe. Set a DV tool at 2050. Cement as follows:

- 1st stage 50 SX Class B w/ 2% CaCl_2
- Circulate 3 hrs
- 2nd stage 300 SX Class B 50:50 Poz, $\frac{1}{2}$ lb 1.54 H_2O

During second stage, when returns reach surface, shut valve on $4\frac{1}{2}$ - $6\frac{1}{4}$ annulus and squeeze remainder into squeeze shots. If returns appear on other annuli, shut valve and begin flush.

RECEIVED
FEB 22 1984
CON. DIV.
DIST. 3

13. Shut down and wait on cement overnight.

14. Trip in with 3 $\frac{7}{8}$ " bit and drill out to float. Circulate hole clean and pressure test to 3800 psi. Trip out.

15. Run gamma ray correlation log from PBD to 2000.

16. Perforate 2160-2200, 2202-2210, 2213-2217, 2228-2234, 2270-2286 with 2 jspt.

17. Establish rate and breakdown with 2% KCl water. Shut down and obtain ISIP.

18. Go to step 6 and proceed.

RECEIVED
FEB 22 1984
OIL CON. DIV.
DIST. 2