

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

5. LEASE DESIGNATION AND SERIAL NO.

Jicarilla Contract 124

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Jicarilla Apache Tribal 124

9. WELL NO.

5

10. FIELD AND POOL, OR WILDCAT

Lindrith Gallup/Dakota West

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

SE/NE Sec. 23, T25N, R4W

12. COUNTY OR PARISH

Rio Arriba

13. STATE

NM

1. OIL WELL ☒ GAS WELL ☐ OTHER

2. NAME OF OPERATOR

Amoco Production Company

3. ADDRESS OF OPERATOR

501 Airport Drive, Farmington, NM 87401

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

1670' FNL x 955' FEL

RECEIVED

NOV 3 0 1984

14. PERMIT NO.

15. ELEVATIONS (Show whether of F, T, or etc.)

7059' GR

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)

PLUG OR ALTER CASING

MULTIPLE COMPLETION

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 repair the subject well according to the attached procedure.

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

SIGNED

Original Signed By
B. D. Shaw

TITLE Administrative Supervisor

DATE

11/15/84

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

M. MILLENBACH
AREA MANAGER

*See Instructions on Reverse Side

NMOCC

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, or to furnish any false, fictitious or fraudulent information.

FARMINGTON DISTRICT WORKOVER

DATE: 11-20-84

OPERATIONS TO BE PERFORMED: (CIRCLE ONE) RECOMPLETION REPAIR SERVICE
LEASE AND WELL JIC. APACHE TR. 124 #5 FIELD W. LINDRITH GALLUP/DAKOTA
FORMATION DAKOTA LOGS SFL-GR-SP; FDC-CNL

LOCATION 1670' FNL X 955' FEL, SEC. 23, T25 N, R4W, RIO ARriba CO., NM.

COMP. DATE 8-16-80 EL: 7072' KB TD: 7949' PBD: 7923'

CSG: 8 5/8" 24.0 # K55 @ 309'; 5 1/2" 15.5 # K55 @ 7949'

COMP. INT. GALLUP 6784'-7096' ORIG. STIM. GALLUP - 210,000 GAL 40" X-LINK & 629,000 #5
DAKOTA 7676'-7876' DAKOTA - 146,000 GAL 40" X-LINK & 525,000 #5

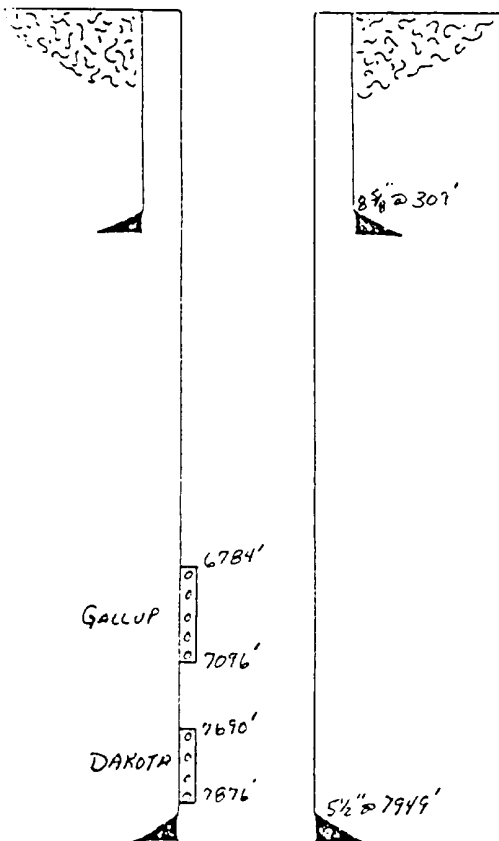
IP 65 BOPD X 44 BWPD X 292 MCFD CURRENT PROD. INT. SAME AS COMP. INT.

PURPOSE: ASPHALTENE SOLVENT SQUEEZE

WJH TRA TWE GOM MCH RWO 5/PERMITTING DESK 2DF ENGR FILE
UHS RGH
BYD
GMK

WELLBORE SKETCH

PROCEDURE



- 1) MIRU SERVICE UNIT. HOT OIL WELL.
- 2) TOH WITH RODS & PUMP.
- 3) TOH WITH TUBING.
- 4) TIH WITH HALLIBURTON PIN POINT INJECTION PKR., BYPASS, COLLAR LOCATOR, SEATING NIPPLE, AND TUBING TO 7900'.
- 5) DROP STANDING VALVE DOWN TUBING (VALUE SEATS INTO BOTTOM OF PPI TOOL).
- 6) SET PPI PKR & PRESSURE TEST TO MAKE SURE RUBBERS HOLD.
- 7) RELEASE PKR. & MOVE UP HOLE TO BOTTOM PERF @ 7876'. DROP RETRIEVABLE FLUID CONTROL VALVE (RFC VALVE) DOWN TUBING (VALUE SEATS INTO SEATING NIPPLE).

DISTRICT MANAGER W. J. HARRIS

DISTRICT ENGINEER Jim Altmeyer

DISTRICT FOREMAN _____

ENGINEER MICHAEL BARNES

DATE 11/21/84

JICARILLA APACHE TRIAL 124 No. 5

- 8) SELECTIVELY SQUEEZE 5000 GALLONS FLUID INTO THE DAKOTA INTERVALS 7861'-7876', 7827'-7831', 7781'-7786', 7705'-7719', AND 7690'-7698' WITH PPI PKR SET AT 2' INTERVAL. THE FLUID MIXTURE IS SUMMARIZED BELOW:

4,065 GALLONS LEASE CRUDE (FROM W. LIND. CENTRAL BAT).
715 GALLONS H6241-3 ASPHALTENE SOLVENT (WA-360).
220 GALLONS SUPER A-SOL
5,000 GALLONS TOTAL

* NOTES:

46' NET PAY = 92 PERFS = 54.3 GALLONS/PERF

1 TOOL SETTING = 4 PERFS = 217 GALLONS/SETTING, OR
≈ 588LS./SETTING

- 7) AFTER SQUEEZING DAKOTA INTERVALS, SI WELL FOR 12 TO 24 HOURS.
- 10) TIH WITH SAND LINE & RETRIEVE RFC VALVE.
- 11) TOH WITH TUBING AND PPI PKR.
- 12) TIH WITH TUBING - LAND AT BASE OF DAKOTA PERFS (7872').
- 13) TIH WITH RODS (SEATING NIPPLE ≈ 7850') (208 3/4" RODS, 106 7/8" RODS).
- 14) PUT WELL ON PRODUCTION THRU TEST SATELLITE UNTIL NOTIFIED. CONTACT MIKE BARNES DAILY WITH TEST RESULTS.

Amoco Production Company
WELL REPAIR AUTHORIZATION AND REPORT

ORIGINAL BLANK	☐
CORRECTION 6	☐
DELETION 9	☐
FLAC (WELL) NO.	
HORIZON CODE	
CONTROL DATE	MO DAY YR.

WELL NAME AND WELL NUMBER JICARILLA APACHE TRIBAL 124 No. 5		HORIZON NAME DAKOTA	
FIELD W. LINDRITH GALLUP / DAKOTA		COUNTY RIO ARRIBA	STATE NEW MEXICO
OPERATOR AMOCO PROD. Co.		DISTRICT FARMINGTON	ELEVATION 7072'
ELEV. REFERENCE PT. KB		LOCATION N⁵/4 SEC. 23, T25N, R4W	
IS PRODUCING WELL ON LEASE (NO)	T.D. 7949'	P.B.T.D. 7923'	
OTHER WORKING INTERESTS NONE			
WORKING INTEREST 100.0	TOTAL REPAIR HORIZONS 1	STATUS AFTER REPAIR PRODUCING ☒ INJECTION ☐	PRODUCTION INCREASE EXPECTED YES ☒ NO ☐
NET INTEREST 0.75			

TYPE JOB: SELECT ONE MAJOR JOB AND MAXIMUM THREE MINOR (2)	
CONVERT TO PROD. ☐ OIL FRAC ☐ REPAIR CASING ☐ REFRAC ☐ SAND CONTROL ☐ WELL LINES OR SCREEN ☐ 5000 MAXIMUM 25 SPACES ASPHALTENE SOLVENT SQUEEZE	DEEPEN ☐ ACID FRAC ☐ WHIPSTOCK ☐ CEMENT SQUEEZE ☐ OTHER ☐ 1 AREA REPAIR CODE ☐

BEFORE WATER 0 OIL 10 GAS 75 EXPECTED PAYOUT 4 MONTHS	ANTICIPATED WATER 5 OIL 10 GAS 100 \$/BBL 1.90.00 \$/MCF 30.00 \$/UNIT 1.00
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BEFORE LPG ☐ AIR ☐ STEAM ☐ OTHER ☐	ANTICIPATED LPG ☐ AIR ☐ STEAM ☐ OTHER ☐
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ESTIMATED COST	
INTANGIBLES	
RIG COST	\$ 6,000
EQUIPMENT RENTAL	
CIRCULATING MEDIA	
CEMENT AND SERVICE	
PACKERS AND EQUIPMENT	4,300
PERFORATE, LOG, WIRELINE	
STIMULATION	7,390
LABOR	
SPECIAL EQUIPMENT	
FISHING	
OTHER INTANGIBLES	2,310
TOTAL INTANGIBLES	\$ 20,000
TANGIBLES	
CSG., TBG., HEAD, ETC.	\$
TOTAL GROSS COST	\$ 20,000
Amoco WORKING INTEREST COST	\$ 20,000

AN ASPHALTENE SOLVENT SQUEEZE WILL BE PERFORMED TO CLEAN UP & INSURE PERFORATIONS ARE OPEN AND TO CLEAN UP ANY ASPHALTIC MATERIAL IN THE FRACTURE NEAR THE WELLSORE.

REPAIR RESULT: SUCCESS ☐ FAILURE ☐ DATE REPAIR COMPLETED: MO DAY YR. GROSS PRODUCTION DURING PAYOUT: OIL BOPD GAS MCFD WATER EWPD OTHER /DAY GROSS INJECTION: RATE BPD OR MCFD PRESSURE PSIG ESTIMATED FINAL GROSS COST \$	RECOMMENDED MICHAEL BARROS DATE 11-21-84 James Ollendy DATE 11-21-84 AUTHORIZED W. S. Helms MO. DAY YR. 11 21 84
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