

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

Form approved.
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.)

1. OIL WELL ☐ GAS WELL ☒ OTHER		5. LEASE DESIGNATION AND SERIAL NO. Jicarilla Contract 155
2. NAME OF OPERATOR Amoco Production Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache
3. ADDRESS OF OPERATOR 501 Airport Drive, Farmington, NM 87401		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1620' FSL x 890' FEL		8. FARM OR LEASE NAME Jicarilla Contract 155
14. PERMIT NO.		9. WELL NO. 13
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6574' GR		10. FIELD AND POOL, OR WILDCAT Basin Dakota
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NE/SE Sec. 30-T26N-R5W
		12. COUNTY OR PARISH Rio Arriba
		13. STATE NM

RECEIVED
MAY 14 1984
BUREAU OF LAND MANAGEMENT
DEPARTMENT OF THE INTERIOR
WASHINGTON, D.C.

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF ☐	PULL OR ALTER CASING ☐	WATER SHUT-OFF ☐	REPAIRING WELL ☐
FRACTURE TREAT ☐	MULTIPLE COMPLETE ☐	FRACTURE TREATMENT ☐	ALTERING CASING ☐
SHOOT OR ACIDIZE ☐	ABANDON* ☐	SHOOTING OR ACIDIZING ☐	ABANDONMENT* ☐
REPAIR WELL ☐	CHANGE PLANS ☐	(Other) ☐	
(Other) Perforate & Stimulate ☐		(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 perforate and stimulate the Main Dakota of the above referenced well according to the attached procedure.

RECEIVED
MAY 23 1984
OIL CON. DIV.
DIST. 3

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

Original Signed By SIGNED <u>D.D. Lawson</u>	District TITLE <u>Admin. Supervisor</u>	DATE <u>5-8-84</u>
(This space for Federal or State office use)		
APPROVED BY _____	TITLE _____	DATE _____
CONDITIONS OF APPROVAL, IF ANY:		

APPROVED

James E. Edwards
M. MILLENBACH
AREA MANAGER

ch
*See Instructions on Reverse Side

OPERATIONS TO BE PERFORMED: (Circle One)

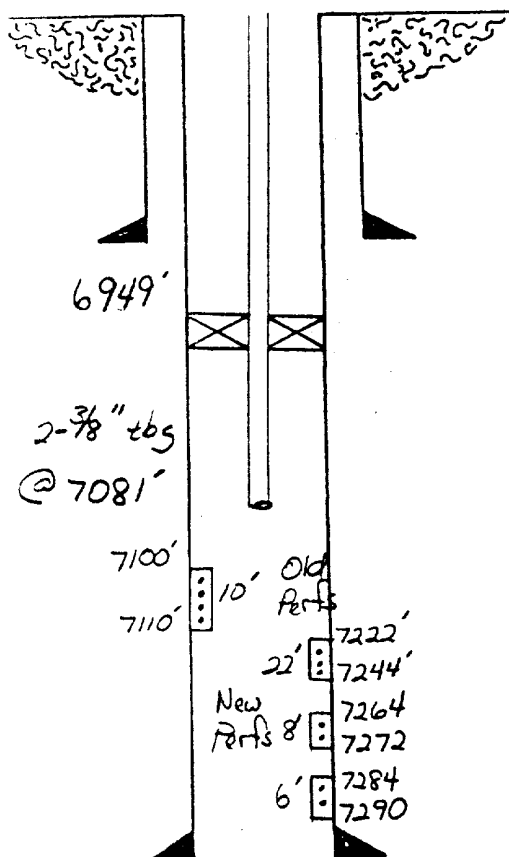
Recompletion

Repair

Service

LEASE AND WELL Jicarilla Contract 155*13FIELD Basin DakotaFORMATION Basin Dakota

LOGS _____

LOCATION Sec. 30, T26N, R5WRio Arriba County, New MexicoCOMP. DATE 5/20/61 EL: 6586' (KB)TD: 7474' PBD: 7435'CSG: 4-1/2" 9.5 # J-55 @ 7474'8-5/8" 20 # X-52 @ 545'COMP. INT. 7100-7110 with 6 SPFORIG. STIM. 21,900 gals X 20,000*IP 2300 MCFDCURRENT PROD. INT. 7100-7110'PURPOSE: Perforate and stimulate Main DakotaSDB TKA
BHS5/PERMITTING DESK Dub, RWO, 2FF)MPB
ENGR FILEWELLBORE SKETCHPROCEDURE

1. TOH with 2-3/8" tbg and Model "E" Baker retrievable production packer.

2. Perforate correlation log intervals 7222'-44', 7264-74', and 7284-90' with 2 JSF.

3. TIH with 2-7/8" frac string and packer. Set packer at 7130'. Breakdown perforations with 2% KCl water and 100 ball sealers. Establish a rate of 20 BPM and obtain an ISIP prior to dropping balls.

DISTRICT SUPERINTENDENT A. BlosserDISTRICT ENGINEER Jim Altmeyer 5/2/84

DISTRICT FOREMAN _____

ENGINEER Morris Bell

DATE _____

4. Release packer and TIH to 7310' and knock balls off perforations.
5. TOH and set packer at 7130'.
6. Frac Main Dakota (7222-90') down 2- $\frac{7}{8}$ " tubing with 105,000 gallons of 20 pound gelled water with 2% KCl containing 1 gallon surfactant per 1000 gallons and 120,000 pounds of 20-40 mesh sand at 25 BPM as follows:
 1. Pump 30,000 gallons pad.
 2. Pump 30,000 gallons @ 1.0 ppq.
 3. Pump 45,000 gallons @ 2.0 ppq.
 4. Underflush with 41 bbls. of 2% KCl water
7. Shut well in overnight.
8. TOH with 2- $\frac{7}{8}$ " tbg and packer.
9. TIH with 2- $\frac{3}{8}$ " production tubing and clean up frac.
10. TOH with 2- $\frac{3}{8}$ " tbg. TIH with 2- $\frac{3}{8}$ " tbg and packer. Set packer at 6949' and land tbg at 7295'. Return well to production.

Notes:

1. Casing has hole in DV tool at 3905'. Five cement squeezes were unsuccessful.
2. Max treatment pressure is 7500 psi at 25 BPM.
3. During frac, pressure up backside to 1000 psi. Do not exceed 2 BPM.

Amoco Production Company
WELL REPAIR AUTHORIZATION AND REPORT

SECTION 9
FLAC (WELL) NO. _____
HORIZON CODE _____
CONTROL DATE
MO. _____ DAY _____

LEASE/UNIT NAME AND WELL NUMBER Jicarilla Contract 155 No. 13				HORIZON NAME Basin Dakota	
FIELD Basin Dakota		COUNTY Rio Arriba	STATE New Mexico		
OPERATOR Amoco	DISTRICT Farmington	ELEVATION 6574	ELEV. REFERENCE PT. GL		
LAST PRODUCING WELL ON LEASE YES ☐ NO ☒		T. D. 7474'	P. B. T. D. 7435'	LOCATION Sec. 30, T26N, R5W	
AMOCO WORKING INTEREST 100.00		OTHER WORKING INTERESTS None			
NET INTEREST 87.5		TOTAL REPAIR HORIZONS 1	STATUS AFTER REPAIR PRODUCING ☒ INJECTION ☐		PRODUCTION INCREASE EXPECTED YES ☒ NO ☐

TYPE JOB SELECT ONE MAJOR (1) AND MAXIMUM THREE MINOR (2)

CONVERT TO INJECTION ☐ WATER FRAC ☒ ACIDIZE ☐ PLUG BACK ☐ WASHING SAND ☐ SET LINER OR SCREEN ☐ TREATING VOLUME - GAL. 105,000	CONVERT TO PROD. ☐ OIL FRAC ☐ REPAIR CASING ☐ PERFORATE ☒ SAND CONTROL ☐ PULL LINER OR SCREEN ☐	DEEPEN ☐ ACID FRAC ☐ WHIPSTOCK ☐ CEMENT SQUEEZE ☐ OTHER ☐
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REPAIR DESCRIPTION
Complete Main Dakota

	BEFORE	ANTICIPATED	UNIT PRICE
GROSS PRODUCTION OIL - BOPD	2.0	4.0	\$/BBL 290.0
WATER - BWPD			
GAS - MCFD	150	300	\$/MCF 130
OTHER - /DAY			
EXPECTED PAYOUT		21	MONTHS

GROSS INJECTION
 WATER ☐ GAS ☐ LPG ☐ AIR ☐ STEAM ☐ OTHER ☐
 BEFORE ANTICIPATED
 RATE - BPD OR MCFD _____
 PRESSURE - PSIG _____

ESTIMATED COST

INTANGIBLES	
RIG COST	\$ 18,000
EQUIPMENT RENTAL	8,000
CIRCULATING MEDIA	10,000
CEMENT AND SERVICE	—
PACKERS AND EQUIPMENT	5,000
PERFORATE, LOG, WIRELINE	5,000
STIMULATION	40,000
LABOR	
SPECIAL EQUIPMENT	2,000
FISHING	
OTHER INTANGIBLES	2,000
TOTAL INTANGIBLES	\$ 90,000
TANGIBLES	
CSG., TBG., HEAD, ETC.	\$ 4,000
TOTAL GROSS COST	\$ 94,000
Amoco WORKING INTEREST COST	\$ 94,000

REASON FOR WORK

To increase production by perforating and stimulating the Main Dakota.

REPAIR RESULT DATE REPAIR COMPLETED _____	SUCCESS ☐ FAILURE ☐ MO. _____ DAY _____ YR. _____	RECOMMENDED <i>David Bell</i> <i>E. Anderson</i>	DATE 4/25/81
GROSS PRODUCTION DURING PAYOUT OIL - BOPD _____ WATER - BWPD _____	GAS - MCFD _____ OTHER - /DAY _____	AUTHORIZED <i>D. Blosser</i>	MO. DAY 05/08
GROSS INJECTION RATE - BPD OR MCFD _____ PRESSURE - PSIG _____	ESTIMATED FINAL GROSS COST \$ _____		