Form 9-331
Dec. 1973

Form Approved.
Budget Bureau No. 42-R1424

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil well [X] gas well [ ] other

2. NAME OF OPERATOR
Amoco Production Company

3. ADDRESS OF OPERATOR
501 Airport Dr., Farmington, NM 87401

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1760' FWL x 1710' FNL
AT TOP PROD. INTERVAL: Same
AT TOTAL DEPTH: Same

5. LEASE
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.
2

10. FIELD OR WILDCAT NAME
Lindrith Gallup-Dakota West

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SE/4, NW/4, Section 23, T25N, R4W

12. COUNTY OR PARISH
Rio Arriba

13. STATE
New Mexico

14. API NO.
30-039-22141

15. ELEVATIONS (SHOW DF, KDB, AND WD)
7094' GL

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	[ ]		[ ]
FRACTURE TREAT	[ ]		[ ]
SHOOT OR ACIDIZE	[X]		[ ]
REPAIR WELL	[ ]		[ ]
PULL OR ALTER CASING	[ ]		[ ]
MULTIPLE COMPLETE	[ ]		[ ]
CHANGE ZONES	[ ]		[ ]
ABANDON*	[ ]		[ ]
(other)			

RECEIVED
MAY 19 1982
U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

NOTE: Report results of multiple completion or zone change on Form 9-330.)

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 plans to perform the following remedial action as per attachment.

RECEIVED
MAY 21 1982
OIL CON. COM.
DIST. 3

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED _____ TITLE Admin. Supvr DATE 5-14-82

(This space for Federal or State office use)

APPROVED
MAY 20 1982
FOR JAMES F. SIMS
DISTRICT ENGINEER

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

NMOCC

OPERATIONS TO BE PERFORMED: (Circle One) Recompletion (Repair) Service

LEASE AND WELL: JICARILLA APACHE TRIBAL 124 #2 FIELD WEST LINDRITH GALLUP-DAKOTA

FORMATION: DAKOTA LOGS IEL; GR; SP; FDC; sidewall Neutron

LOCATION: 1760 FWL x 1910 FNL; Sec 23, T25N, R4W

COMP. DATE 2-13-80 EL: (KB) 7107' TD: 8105' PBD: 8002'

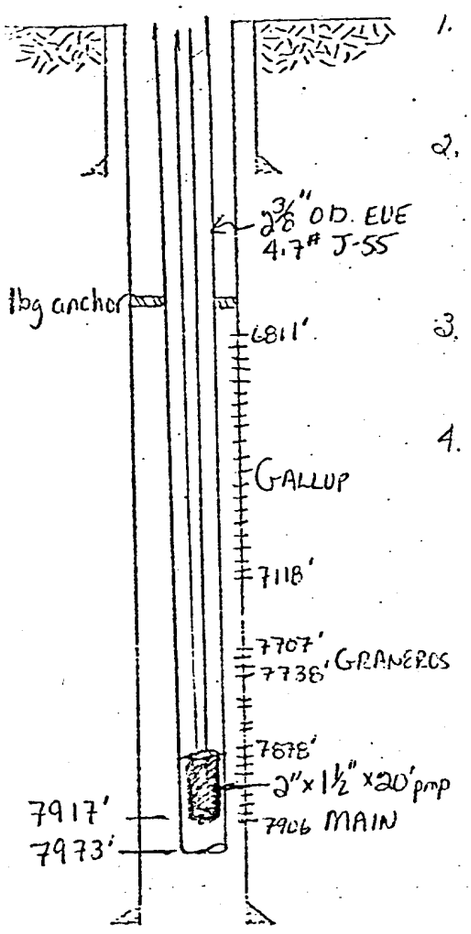
CSG. 8 5/8" 24 # @ 333'; 5 1/2" 17 # @ 8105'

COMP. INT. MAIN : 7802'-7906' GRANEROS : 7707'-7764' ORIG. STIM. 87,500 gal of 40# x-link; 318,750 # 20-90,000 gal of 40# x-link; 225,000 # 20-

IP 91 BOPD; 536 Mcfd; 2 BWPD CURRENT PROD. INT.

PURPOSE: Increase oil and gas production from the Dakota formation.

WELLBORE SKETCH



PROCEDURE

1. Trip out with rods, pump and tubing. Kill well with 2% KCL water.
2. Trip in with 2-3/8 inch tubing; retrievable bridge plug and retrievamatic packer.
3. Set bridge plug at 7940' and pull up hole and se packer at 7860'.
4. Acidize the Main Dakota interval 7878'-7906' down tubing at 3BPM as follows.
   A. Pump 560 gallons of xylene.
   B. When xylene has been displaced to pkr shut down for 1 h
   C. Continue pumping 1000 gal of 7½% HCL mixed with 110 gal EGMBE and 15 # of citric acid. (The acid mixtu is to be run immediately behind the xylene.)
   D. Displace acid mixture with 1270 gallons of 2% KCL wa

   DO NOT OVER DISPLACE ACID MIXTURE INTO PERFS.
5. Shut well in for 30 minutes and rig up to flow and swab. After 30 minutes open well up and flow to pit as hard as possible. Continue to swab and flow well until 90 barrels of fluid have been recovered.
6. Release packer and trip in to bridge plug.
7. Pull bridge plug at 7780' and set packer at 7660'.

WLP, JS, GOM, RWO, 3FF; DDM, ENGR, FILE

8. Acidize the Graneros Dakota, 7707 - 7764', down tubing at 2 BPM as follows:

   A. Pump 640 gallons of xylene
   B. When xylene has been displaced to packer shut down for 1
   C. Continue pumping 1100 gal. of 7½% HCL mixed with 123 gal EGMBE and 17# of citric acid. (The acid mixture is to be run immediately behind the xylene.)
   D. Displace acid with 1040 gal. of 2% KCL water. DO NOT OVER DISPLACE ACID INTO PERFORATIONS.

9. Shut well in for 30 minutes and rig up to flow and swab. After 30 minutes open well up and flow to pit as hard as possible. Continue to swab and flow well until 60 barrels of fluid have been recovered.

10. Release packer and latch onto bridge plug. Trip out of hole with packer, bridge plug and tubing.

11. Trip in hole and land 2-⅜ inch production tubing at 7973'.

12. Trip in hole with rods and pump and put well back on production

NOTES

1. Do not exceed a surface treating pressure of 1000 psi or a pump rate of 3 BPM.

2. The acid mixture consists of 90%, 7½% HCL and 10% EGMBE. 15 pounds of citric acid per 1000 gallons of HCL is to be used as a sequestering agent.

3. All acid will contain corrosion inhibitors in amounts recommended by service company.

4. Well should be flowed overnight if it will flow on its own.

SUMMARY

1200 gallons of xylene
2100 gallons of 7½ % HCL
233 gallons of EGMBE
300 bbls 2 % KCL water.

APPROVED: R W Schroeder wof
BY: _____
DATE: 5/3/82

(RFV)