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: 1850' FSL x 790' FWL
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.
1

10. FIELD OR WILDCAT NAME
Lindrith Gallup-Dakota West

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

12. COUNTY OR PARISH
Rio Arriba

13. STATE
New Mexico

14. API NO.
30-039-21911

15. ELEVATIONS (SHOW DF, KDB, AND WD)
7002' GL - 7015' KB

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. Supv. DATE 5-14-82

(This space for Federal or State office use)

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

APPROVED
MAY 21 1982
JAMES F. SIMS
DISTRICT ENGINEER

*See Instructions on Reverse Side

NMOCC

EASE AND WELL Vicarilla Apache Tribal 124 #1 FIELD West Lindrith Gallup-Dakota

ORMATION Gallup LOGS IEL; compensated Densilog

OCATION 1850 FNL x 790 FWL, Sec 23, T25N, R4W

OMP. DATE 2-7-79 EL: 7015' (KB) TD: 8000 PBD: 7869

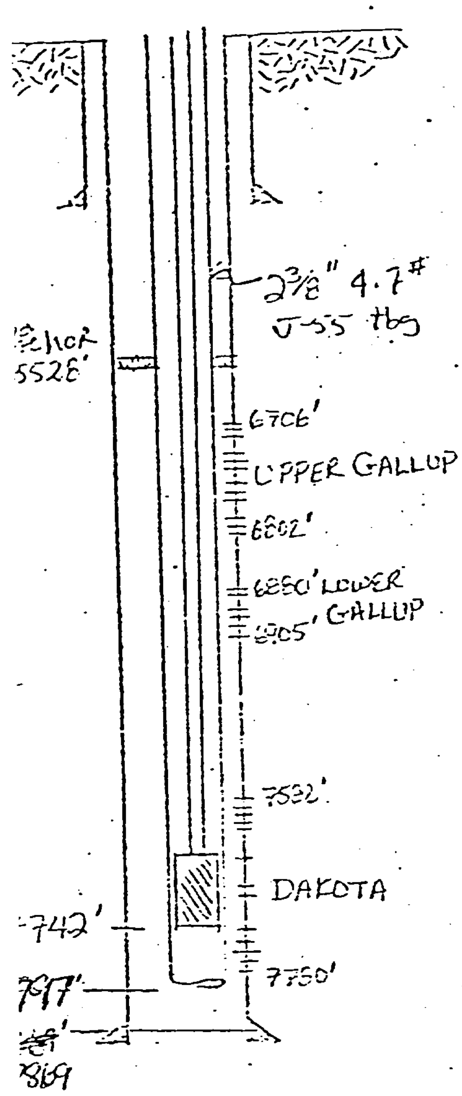
SG. 8 5/8 " ____ # ____ @ 322 '; 5 1/2 " ____ # ____ @ 8000 '

OMP. INT. ____ ORIG. STIM. ____

IP 140 BOPD; 125 BWPD; 590 mcfd CURRENT PROD. INT. ____

PURPOSE: Increase oil and gas production from the GALLUP formation

LLBORE SKETCH



PROCEDURE

1. Trip out with rods, pump and tubing. Displace hole with 2% KCL water.

2. Trip in with 2-3/8 inch tubing, retrievable bridge plug and retrievomatic packer.

3. Set bridge plug at 6950' and pull up hole and set packer at 6860'.

4. Acidize the lower Gallup interval 6880'-6905' down tubing at 3 BPM as follows:

   A. Pump 450 gallons of xylene.
   B. When xylene has been displaced to pkr shut down for 1 hr.
   C. Continue pumping 900 gallon of 7 1/2% HCL mixed with 100 gallons of EGMBE and 18 # of citric acid. (The acid mixture is to be run immediately behind the xylene)
   D. Displace acid mixture with 1110 gallons of 2% KCL water. DO NOT OVER DISPLACE ACID MIXTURE INTO PERFORATIONS.

5. Shut well in for 30 minutes and rig up to flow and swab. After 30 minutes open well and flow to pit as hard as possible. Continue to swab and flow well until 80 barrels of fluid have been recovered.

WLP, JS, GCM; RWO; BFF, MDD; ENGR; FILE

2. The acid mixture consists of 90%, 7½% HCL and 10% EGMBE. 20 pounds of citric acid acid per 1000 gallons of HCL is to be used as a sequestering agent.

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

Summary

1450 gal. xylene
2900 gal. 7½% HCL
320 gal. EGMBE
300 bbl. 2% KCL water
58 lbs citric acid

APPROVED: R W Schneider wsf
BY:
DATE: 5/3/82

6. Release packer and latch onto bridge plug.

7. Reset bridge plug at 6820' and packer at 6620'.

8. Acidize Upper Gallup interval, 6706-6802', down tubing at 2 BPM as follows:

   A. Pump 500 gallons of xylene
   B. When xylene has been displaced to packer shut down for 1h
   C. Continue pumping 1000 gallons 7½% HCL mixed with 110 gal EGMBE and 20# of citric acid. (The acid mixture is to be run immediately behind the xylene)
   D. Pump 500 gallons of 30# gelled water containing 2% KCL.
   E. Pump 500 gallons of xylene
   F. Pump 1000 gallons 7½% HCL mixed with 110 gal. EGMBE and 20# of citric acid.
   G. Displace with 1080 gallons of 2% KCL water. DO NOT OVER DISPLACE INTO PERFORATIONS.

Acid Change

9. Shut well in for 30 minutes and rig up to flow and swab. After 30 minutes open well and flow to pit as hard as possible. Continue to swab and flow well until 120 barrels of fluid have been recovered.

10. Release packer and trip out of hole with bridge plug.

11. Trip in hole and land tubing at new depth of 7830'.

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 4 BPM.