

FOUR CORNERS DRILLING CO.

P. O. BOX 1067
5651 U.S. HWY. 64
FARMINGTON, NEW MEXICO 87499

TELEPHONE: (505) 326-3371
FAX: (505) 326-3370

RECEIVED
BLM MAIL ROOM

55 OCT 31 PM 2:20

070 FARMINGTON, NM

October 17, 1995

Roddy Production
Drilling Department
P. O. Box 2221
Farmington, NM 87499

**RE: Deviation report on the Lucerne Federal #6,
Section 21, Township 28 N, Range 11 W
San Juan County, New Mexico**

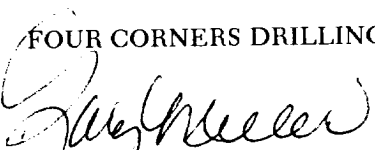
Gentlemen:

Below is the deviation report for your Lucerne Federal #6 Well.

95'	1°
189'	1°
382'	3/4°
787'	3/4°
1287'	1/2°
1853'	3/4°

Sincerely,

FOUR CORNERS DRILLING COMPANY


Gary Miller
Drilling Superintendent

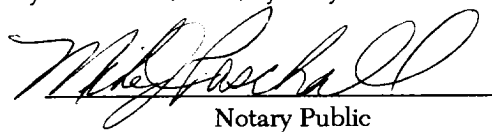
GM/tdd

October 17, 1995
Lucerne Federal #6
PAGE 2

Acknowledgement

State of New Mexico)
) s.s.
County of San Juan)

The foregoing instrument was acknowledged before me this 17th day of October, 1995, by Gary Miller.



Notary Public

My Commission Expires : 3-22-98
(seal)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:		OIL WELL ☐	GAS WELL ☒	DRY ☐	Other _____		
b. TYPE OF COMPLETION:		NEW WELL ☒	WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☐	DIFF. REVR. ☐	Other _____
2. NAME OF OPERATOR Roddy Production Company						95 OCT 31 PM 2:20	
3. ADDRESS AND TELEPHONE NO. P. O. Box 2221, Farmington, New Mexico, 87499 505 970 5255						RECEIVED BLM MAIL ROOM	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1815' FSL - 1500' FWL At top prod. interval reported below same At total depth same						RECEIVED NOV - 1 1995	
14. PERMIT NO. _____ DATE ISSUED _____						OIL CON. DIV.	
5. LEASE DESIGNATION AND SERIAL NO. NM010063		6. IF INDIAN, ALLOTTEE OR TRIBE NAME _____		7. UNIT AGREEMENT NAME _____		8. FARM OR LEASE NAME, WELL NO. Lucerne Federal No. 6	
9. API WELL NO. 30 - 045 - 29282		10. FIELD AND POOL, OR WILDCAT West Kutz Pictured Cliffs		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 21, T28N, R11W, NMPM		12. COUNTY OR PARISH San Juan	
13. STATE New Mexico		15. DATE SPUDDED 10/11/95		16. DATE T.D. REACHED 10/12/95		17. DATE COMPL. (Report to State) 10/24/95	
18. ELEVATIONS (DF, RKB, RT, OR, ETC.)* 5788' GL		19. ELEV. CASINGHEAD 5788'		20. TOTAL DEPTH, MD & TVD 1896'		21. PLUG BACK T.D., MD & TVD 1851'	
22. IF MULTIPLE COMPL., HOW MANY* _____		23. INTERVALS DRILLED BY all		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Pictured Cliffs: 1716' - 1768'		25. WAS DIRECTIONAL SURVEY MADE Yes	
26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Induction, Compensated Neutron/Formation Density: TD to 208'		27. WAS WELL CORED No		28. CASING RECORD (Report all strings set in well)			
Casing Size/Grade		Weight, lb./ft.		Depth Set (MD)		Hole Size	
7.000", J-55		20		209'		8.750"	
4.500", J-55		10.5		1895'		6.250"	
29. LINER RECORD		30. TUBING RECORD					
Size		Top (MD)		Bottom (MD)		Sacks Cement*	
2.375"		1773'		none			
31. PERFORATION RECORD (Interval, size and number) 1716' - 1768': 208 - 0.40" holes		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
Depth Interval (MD)		Amount and Kind of Material Used					
1716 - 1768'		750 gals. 15 % HCL					
		83,678 gals 70 Q foam &					
		130,260 # 12/20 Brady sand.					
33. PRODUCTION		DATE FIRST PRODUCTION 10/20/95		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing		WELL STATUS (Producing or shut-in) SI-WOPL	
DATE OF TEST 10/31/95		HOURS TESTED 168		CHOKE SIZE		PROD'N. FOR TEST PERIOD shut in test only	
FLOW. TUBING PRESS. 245 psig		CASING PRESSURE 265 psig		CALCULATED 24-HOUR RATE		OIL—BSL. GAS—MCF. WATER—BSL. OIL GRAVITY-API (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented during after frac flowback. WOPL connection to WPNG.		TEST WITNESSED BY R. F. Fielder					
35. LIST OF ATTACHMENTS Deviation record							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED <u>R. F. Fielder</u>		TITLE Agent		DATE 10/31/95		ACCEPTED FOR RECORD NOV 01 1995	

*(See Instructions and Spaces for Additional Data on Reverse)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Pictured Cliffs	1716 '	1896 '	Gas & water

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	574'	
Kirtland	602'	
Fruitland	1415'	
Fruitland Coal	1591'	
Pictured Cliffs	1716'	