

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☒ DRY WELL ☐

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ PIPE CENVR. ☐ Other ☐

2. NAME OF OPERATOR

Jack A. Cole

3. ADDRESS OF OPERATOR

P. O. Box 191, Farmington, New Mexico 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements).

At surface 1685' FNL, 520' FEL

At top prod. interval reported below Same

At total depth	Same
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14. PERMIT NO.

DATE ISSUED

12. COUNTY OR

13. STATE

PARISH
Rio Arriba

New Mexico

15. DATE SPUDDED 6-13-87	16. DATE T.D. REACHED 6-20-87	17. DATE COMPL. (Ready to prod.) New Oil-12-12-87	18. ELEVATIONS (DF. RKB. RT. GR. ETC.)* 6791' GR 6805' KB	19. ELEV. CASINGHEAD 6791 GR
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20. TOTAL DEPTH. MD & TYD 5640'	21. FLUG. SACK T.D., MD & TYD 5591	22. IF MULTIPLE COMPL., HOW MANY?	23. INTERVALS DRILLED BY → 0-5640	ROTARY TOOLS	CABLE TOOLS
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24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

25. WAS DIRECTIONAL
SURVEY MADE

5286-5484 Gallup

28. TYPE ELECTRIC AND OTHER LOGS RUN

27. WAS WELL CORED
No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24.0 lb. J-55	277	12 1/4"	250 sks. 295 cu. ft.	None
4 1/2"	10.50 lb. K-55	5635	7 7/8"	925 sks. 1911 cu. ft.	None

29. LINER RECORD

30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/4	5433	

31. PERFORATION RECORD (Interval, size and number)

5413-5424 = 22 holes
5450-5452 = 8 holes
5474-5484 = 20 holes
5286-5296 = 40 holes

.50 dia.

32. ACID. SHOT. FRACTURE. CEMENT SQUEEZE. ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5413-5484	43,000 gals. gelled oil and 80,000 lbs. 10-20 sand
5286-5296	26,000 gals. gelled oil and 40,000 lbs. 20-40 sand

33. • PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
12-19-87 - Oil	Flowing	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO
12-19-87	24	3/4	→	9	95	-0-	10,555
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY-API (CORR.)	
110	225	→	9	95	-0-	40.8	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Dorothy Blane H TITLE Production Superintendent DATE December 22, 1987

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

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 statement or fraudulent statement or representations as to any matter within its jurisdiction.

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.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
				Ojo Alamo	1458	1458
				Kirtland	1585	1585
				Fruitland	1785	1785
				PC	1982	1982
				Lewis	2060	2060
				Chacra	2415	2415
				Cliffhouse	3420	3420
				Menefee	3492	3492
				Point Lookout	4180	4180
				Mancos	4350	4350
				Gallup	5070	5070
				Skelly	5285	5285
				Marye	5405	5405
				TD	5640	5640

MARCUS NO. 10

RECEIVED

DEC 31 1987

Casing and Cement Summary

OIL CON. DIV.
DIST. 3

6-20-87

TD-5640'. Ran 142 joints, 4 1/2", 10.50 lb., K-55 casing.
Measured 5623.85, set at 5635.45. Float collar 5591.85 (KB),
Stage collar 4032.12 (KB). First stage cemented as follows:

Pump 10 bbls. fresh water, 10 bbls. CaCl_2 water, 10 bbls.
fresh water, 12 bbls. Flocheck-21, 10 bbls. water spacer
followed by 375 sacks, (532 cu. ft.) 50-50 pozmix, 2% gel,
6 1/4 lbs. Gilsomite and 6 lbs. salt per sack. Plug down
11:45 P.M. 6-21-87.

Circulated cement by stage collar. Circulated 4 hours between
stages.

Second stage - same spacer program as the first stage
followed by 500 sacks, (1320 cu. ft.) 65-35 pozmix, 12%
gel, 6 1/4 lbs. Gilsomite per sack followed by 50 sacks,
(59 cu. ft.) Class "B" cement. Plug down 4:45 A.M. 6-22-87.

Circulated 24 bbls. cement.