

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)

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 ☐ Other ☐		5. LEASE DESIGNATION AND SERIAL NO. SF-078534		
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RENVR. ☐ Other ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME		
2. NAME OF OPERATOR Jack A. Cole		7. UNIT AGREEMENT NAME		
3. ADDRESS OF OPERATOR P. O. Box 191, Farmington, New Mexico 87401		8. FARM OR LEASE NAME Marcus "A"		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 1960' FNL, 1920' FWL At top prod. interval reported below Same At total depth Same		9. WELL NO. 23		
14. PERMIT NO.		DATE ISSUED		
10. FIELD AND POOL OR WILDCAT Lybrook-Gallup		11. SEC. T. R. M. OR BLOCK AND SURVEY OR AREA SE 1/4 NW 1/4 Sec. 35-T24N-R7W		
12. COUNTY OR PARISH Rio Arriba		13. STATE New Mexico		
15. DATE SPUDDED 7-23-88	16. DATE T.D. REACHED 7-31-88	17. DATE COMPL. (Ready to prod.) 8-16-88	18. ELEVATIONS (DP, RKS, RT, GR, ETC.)* 6835 GL 6847 KB	19. ELEV. CASINGHEAD 6835 GL
20. TOTAL DEPTH, MD & TVD 5605	21. PLUG BACK T.D., MD & TVD 5562 KB	22. IF MULTIPLE COMPL. HOW MANY*	23. INTERVALS DRILLED BY →	ROTARY TOOLS 0-5605
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4966-5534 Gallup				25. WAS DIRECTIONAL SURVEY MADE No
26. TYPE ELECTRIC AND OTHER LOGS RUN IES Induction and Formation Density				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
8 5/8	24.0 J-55	268.77	12 1/4	250 Sks. 295 Ft.
4 1/2	10.50 K-55	5604.22	7 7/8	860 Sks. 1776 Ft.
				AMOUNT PULLED
				None
				None
29. LINER RECORD				
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
30. TUBING RECORD				
SIZE	DEPTH SET (MD)	PACKER SET (MD)		
2 3/8	5506			
31. PERFORATION RECORD (Interval, size and number)				
4966-74	5309-16	5494-98	4 Holes	ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
4908-85	5324-27	5530-34	Per Ft.	DEPTH INTERVAL (MD)
5091-96	5329-32			AMOUNT AND KIND OF MATERIAL USED
5193-96	5432-40	2 Holes		5432-5534 34,000 Gals. Gelled Oil &
5200-05	5465-68	Per Ft.		60,000 Lbs. 20-40
	5472-75	.45 Dia.		4966-5332 40,195 Gals. Gelled Oil &
				77,979 Lbs. 20-40
32. PRODUCTION				
DATE FIRST PRODUCTION 10-30-88 New Oil	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing			WELL STATUS (Producing or shut-in) Producing
DATE OF TEST 11-1-88	HOURS TESTED 24	CHOKE SIZE 3/4	PROD'N. FOR TEST PERIOD →	OIL—BBL. 25
				GAS—MCF. 100
				WATER—BBL. -0-
				GAS-OIL RATIO 4,000
FLOW. TUBING PRESS. 180	CASING PRESSURE 350	CALCULATED 24-HOUR RATE →	OIL—BBL. 25	GAS—MCF. 100
				WATER—BBL. -0-
				OIL GRAVITY-API (CORR.) 40.9
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

Donna Blount

TITLE

Production Superintendent

DATE

November 7, 1988

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

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
SEE ATTACHED	FOR CEMENT	SUMMARY	

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	1408	1408
Kirtland	1500	1500
Fruitland	1920	1920
Pictured Cliffs	1990	1990
Lewis	2070	2070
Chacra	2475	2475
Cliffhouse	3400	3400
Menefee	3500	3500
Point Lookout	4230	4230
Mancos	4380	4380
Gallup	4870	4870
TD	5605	5605

Casing and Cement Summary

July 31, 1988 TD- 5605'. Ran 135 joints, 4 1/2", 10.50 lb., K-55 casing. Measured 5592.32 set at 5604.22. Float collar-5562.72 (KB), Stage collar-3985.88 (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 380 sacks, (539 cu. ft.) 50-50 pozmix, 2% gel, 6 1/4 lbs. Gilsonite and 6 lbs. salt per sack. Plug down 4:15 A.M. July 31, 1988.

Circulated cement by stage collar. Circulated 7 hours between stages.

Second stage - same spacer program as the first stage followed by 430 sacks, (1178 cu. ft.) 65-35 pozmix, 12% gel, 6 1/4 lbs. Gilsonite per sack followed by 50 sacks, (59 cu. ft.) Class "B" cement. Plug down 12:15 A.M. August 1, 1988.