

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

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. RESVR. ☐	Other ☐
2. NAME OF OPERATOR JACK A. COLE							
3. ADDRESS OF OPERATOR P. O. Box 191 Farmington, New Mexico 87401							
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1850'FSL, 1850'FWL At top prod. interval reported below Same At total depth Same							
14. PERMIT NO.				DATE ISSUED APR 28 1982 U. S. GEOLOGICAL SURVEY FARMINGTON, N. M.			
15. DATE SPUDDED 1/29/82				16. DATE T.D. REACHED 2/14/82		17. DATE COMPL. (Ready to prod.) 4/10/82	
18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 7173'KB				19. ELEV. CASINGHEAD 7159'GL			
20. TOTAL DEPTH, MD & TVD 7000'		21. PLUG, BACK T.D., MD & TVD 6957'		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY ROTARY TOOLS X	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 6853'-6870' 6754'-6785' Dakota						25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN IES CNL-FDC						27. WAS WELL CORED NO	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
8-5/8"		24.0		268'		12-1/4"	
4-1/2"		10.50&11.60		7000'		7-7/8"	
29. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
None							
30. TUBING RECORD							
SIZE		DEPTH SET (MD)		PACKER SET (MD)			
2-3/8"		6786'					
31. PERFORATION RECORD (Interval, size and number)							
6853'-6870'		2 shots per foot					
6754'-6785'		1 shot per foot					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
6853'-6870'				40,000 gallons water			
				40,000 lbs. sand			
6754'-6785'				80,000 gallons water			
				80,000 lbs. sand			
33.* PRODUCTION							
DATE FIRST PRODUCTION 4/15/82		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 4/24/82		HOURS TESTED 24 hrs.		CHOKE SIZE 3/4"		PROD'N. FOR TEST PERIOD →	
FLOW. TUBING PRESS. 190		CASING PRESSURE 190		CALCULATED 24-HOUR RATE →		OIL—BBL. 110	
						GAS—MCF. 254	
						WATER—BBL. -0-	
						GAS-OIL RATIO 2,309	
						OIL GRAVITY-API (CORR.) 43.6	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold (4/23/82)						TEST WITNESSED BY	
35. LIST OF ATTACHMENTS FOR: JACK A. COLE							
36. I hereby certify that the information and data furnished herein is complete and correct as determined from all available records.							
SIGNED EWELL N. WALSH Ewell N. Walsh, P.E.				TITLE Production Corp.			
				DATE 4/27/82			

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

NMOCC

FARMINGTON DISTRICT

BY

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on Items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. **Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

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.
CEMENT RECORD			
8-5/8"			295 Cu.Ft. Class "B" cement with 3% Calcium Chloride and 1/4 lb. Floccule per Cu.Ft.
4-1/2"			First Stage: 924 Cu.Ft. 50-50 Pozmix with 6-1/4 lbs. Gilsonite and 6 lbs. salt per cu.ft. Calculated top of cement 1650'. Second Stage: 206 Cu.Ft. 65-35 Pozmix (12% Gel) with 6-1/4 lbs. Gilsonite followed by 59 Cu.Ft. of Class "B" Cement. Top of cement Temperature Survey 2000'. Stage Collar 2750'

38. GEOLOGIC MARKERS

NAME	MEAS. DEPTH		TRUE VERT. DEPTH
	TOP		
Ojo Alamo	2123'		2123'
Kirtland	2290'		2290'
Fruitland	2363'		2363'
Pictured Cliffs	2525'		2525'
Lewis	2605'		2605'
Chacra	3285'		3285'
Cliff House	4004'		4004'
Menefee	4082'		4082'
Point Lookout	4613'		4613'
Mancos	4760'		4760'
Gallup	5561'		5561'
Sanostee	6472'		6472'
Greenhorn	6658'		6658'
Graneros	6733'		6733'
Dakota "A"	6751'		6751'
Dakota "B"	6846'		6846'
Dakota "D"	6943'		6943'