

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

See other in-
structions on
reverse sideForm 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						(505) 327-9393	
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 790'FNL, 1820'FWL At top prod. interval reported below Same At total depth Same						14. PERMIT NO. U.S. GEOLOGICAL SURVEY FARMINGTON, N. M.	
5. LEASE DESIGNATION AND SERIAL NO. Contract No. 358		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache		7. UNIT AGREEMENT NAME Indian Bend "A"		8. FARM OR LEASE NAME Indian Bend "A"	
9. WELL NO. 1		10. FIELD AND POOL, OR WILDCAT Ballard Pictured Cliffs		11. SEC. T. R. M., OR BLOCK AND SURVEY OR AREA Sec. 5-T22N-R2W N.M.P.M.		12. COUNTY OR PARISH Sandoval	
13. STATE N.M.		15. DATE SPUDDED 4/16/82		16. DATE T.D. REACHED 4/21/82		17. DATE COMPL. (Ready to prod.) 5/8/82	
18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 7441' KG		19. ELEV. CASINGHEAD 7436' GL		20. TOTAL DEPTH, MD & TVD 3040'		21. PLUG, BACK T.D., MD & TVD 3010'	
22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY →		ROTARY TOOLS X		CABLE TOOLS	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 2952'-2962' Pictured Cliffs						25. WAS DIRECTIONAL SURVEY MADE NONE	
26. TYPE ELECTRIC AND OTHER LOGS RUN IES, CNL-FDC						27. WAS WELL COBED 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		122.43'		12-1/4"	
4-1/2"		10.50		3028.28'		7-7/8"	
29. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
None							
30. TUBING RECORD							
SIZE		DEPTH SET (MD)		PACKER SET (MD)			
1-1/4"		2956'					
31. PERFORATION RECORD (Interval, size and number)							
2952'-2962' 2 shots per foot							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
2952'-2962'				45,000 gallons 70% Foam			
				84,000 lbs. sand			
33. PRODUCTION							
DATE FIRST PRODUCTION 5/12/82		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Shut In	
DATE OF TEST 5/25/82		HOURS TESTED 3 hrs.		CHOKE SIZE 3/4"		PROD'N. FOR TEST PERIOD →	
OIL—BBL. —		GAS—MCF. 219		WATER—BBL. —		GAS-OIL RATIO N/A	
FLOW. TUBING PRESS. 560		CASING PRESSURE 130		CALCULATED 24-HOUR RATE →		OIL GRAVITY-API (CORR.) N/A	
OIL—BBL. —		GAS—MCF. 3/4-1756		WATER—BBL. —			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented during test only, to be sold CAOOF - 3780						TEST WITNESSED BY	
35. LIST OF ATTACHMENTS FOR: JACK A. COLE							
36. I hereby certify that the foregoing information is complete and correct as determined from all available records ORIGINAL SIGNED BY EWELL N. WALSH SIGNED Ewell N. Walsh, P.E. TITLE & Production Corp. DATE 5/26/82							

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

NMOCC

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.

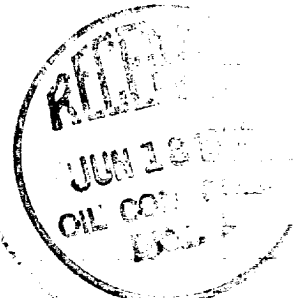
Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

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.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
				Ojo Alamo	2573'	2573'
				Kirtland	2712'	2712'
				Fruitland	2780'	2780'
				Pictured Cliffs	2900'	2900'



JACK A. COLE
Indian Bend "A" No. 1

CEMENT SUMMARY

4/16/82 118 Cubic Feet (100 sacks) Class "B" cement with 3% Calcium Chloride and 1/4 lb. Flocele per cubic.

4/21/82 198 Cubic Feet (150 sacks) 50-50 Pozmix (2% Gel) with 6-1/4 lbs. Gilsonite per cubic feet.

