

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUBMIT IN DUPLICATE*

(See other instructions 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 _____		5. LEASE DESIGNATION AND SERIAL NO. Contract No. 55-A	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache	
2. NAME OF OPERATOR JACK A. COLE		7. UNIT AGREEMENT NAME Indian Bend	
3. ADDRESS OF OPERATOR P. O. Box 191 Farmington, New Mexico 87401		8. WELL NO. 3	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1000' FNL, 1850' FWL At top prod. interval reported below Same At total depth Same		10. FIELD AND POOL, OR WILDCAT Ballard Picture Cliff	
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 26-T23N-R3W N.M.P.M.		12. COUNTY OR PARISH Sandoval	
13. STATE N.M.		14. PERMIT NO. _____ DATE ISSUED _____	
15. DATE SPUDDED 7/28/81	16. DATE T.D. REACHED 8/3/81	17. DATE COMPL. (Ready to prod.) 9/16/81	18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 7363' GL
20. TOTAL DEPTH, MD & TVD 3155'	21. PLUG, BACK T.D., MD & TVD 3124'	22. IF MULTIPLE COMPL., HOW MANY* →	23. INTERVALS DRILLED BY X
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3048'-3060' Picture Cliffs			25. WAS DIRECTIONAL SURVEY MADE NO
26. TYPE ELECTRIC AND OTHER LOGS RUN GR-Density Resistance-SP			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	130'	12-1/4"
4-1/2"	10.50	3138'	7-7/8"
		CEMENTING RECORD	
		100 sacks	
		100 sacks	
		AMOUNT PULLED	
		NONE	
		NONF	
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
NONE			
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
1-1/4"	3030'		
31. PERFORATION RECORD (Interval, size and number)			
3048'- 3060'			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
3048'-3060'		45,000 gallons 70% Foam	
		84,000 lbs. sand	
33. PRODUCTION			
DATE FIRST PRODUCTION W.O. Pipeline		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing	
WELL STATUS (Producing or shut-in) Shut In			
DATE OF TEST 10/2/81	HOURS TESTED 3 hrs.	CHOKE SIZE 3/4"	PROD'N. FOR TEST PERIOD →
OIL—BBL. 40	GAS—MCF. 3/4-643	WATER—BBL.	GAS-OIL RATIO
CASING PRESSURE 200	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.
FLOW. TUBING PRESS.		WATER—BBL.	OIL GRAVITY-API (CORR.)
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) VENTED			TEST WITNESSED BY
35. LIST OF ATTACHMENTS FOR: JACK A. COLE			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
ORIGINAL SIGNED BY EWELL N. WALSH		President, Walsh Engr.	
SIGNED Ewell N. Walsh, P.E.		TITLE & Production Corp.	
		DATE 10/7/81	

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

NR500

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

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				Ojo Alamo	2660'	2660'
				Kirtland	2773'	2773'
				Fruitland	2882'	2882'
				Picture Cliff	3002'	3002'
				Lewis	3110'	3110'

