

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other In-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.6.

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, N.M. 87499															
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1850' FSL 1520' FEL At top prod. interval reported below SAME At total depth SAME															
14. PERMIT NO. DATE ISSUED															
15. DATE SPUDDED		16. DATE T.D. REACHED		17. DATE COMPL. (Ready to prod.)		18. ELEVATIONS (DF, REB, RT, GR, ETC.)*		19. ELEV. CASINGHEAD							
5-26-83		6-4-83		6-14-83		5959' KB		5948' GL							
20. TOTAL DEPTH, MD & TVD		21. PLUG, BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY		ROTARY TOOLS		CABLE TOOLS					
5988'		5970'				→		X							
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5868' - 5944' Dakota										25. WAS DIRECTIONAL SURVEY MADE NONE					
26. TYPE ELECTRIC AND OTHER LOGS RUN ISF 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		CEMENTING RECORD		AMOUNT PULLED					
8-5/8"		24.0		264'		12-1/4"		295 cu. ft.		NONE					
4-1/2"		10.50		5988'		7-7/8"		2730 cu. ft.		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"					
										5902'					
31. PERFORATION RECORD (Interval, size and number)															
5868' - 5944' 1 shot per foot															
5899' - 5904' 3-1/2" Glass Jet															
5918' - 5921'															
5924' - 5944'															
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.															
DEPTH INTERVAL (MD)						AMOUNT AND KIND OF MATERIAL USED									
5868'-5944'						100,000 gals. water									
						100,000 lbs. 20-40 sand									
33. PRODUCTION															
DATE FIRST PRODUCTION 6-9-83		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing						WELL STATUS (Producing or shut-in) Shut-in							
DATE OF TEST 7-7-83		HOURS TESTED 3		CHOKE SIZE 2" Office Well Tester		PROD'N. FOR TEST PERIOD		OIL—BBL.		GAS—MCF.		WATER—BBL.		GAS-OIL RATIO	
										65				N/A	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BBL.		GAS—MCF.		WATER—BBL.		OIL GRAVITY-API (CORR.)			
162		762		→		---		442		35		N/A			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To be sold 516 AOF												TEST WITNESSED BY			
35. LIST OF ATTACHMENTS For Jack A. Cole												ACCEPTED FOR RECORD			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records For Jack A. Cole SIGNED <i>Donna J. Blumett</i> TITLE Production Superintendent															

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

NMOCC

FARMINGTON RESOURCE AREA
FARMINGTON, NEW MEXICOBY *Sm*

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.

38. GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Kirtland	670'		670'
Fruitland	1195'		1195'
Pictured Cliffs	1310'		1310'
Lewis	1550'		1550'
Cliff House	2130'		2130'
Menefee	2550'		2550'
Point Lookout	3815'		3815'
Upper Mancos	4090'		4090'
Gallup	4965'		4965'
Lower Mancos	5420'		5420'
Greenhorn	5750'		5750'
Graneros	5810'		5810'
Dakota "A"	5840'		5840'
Dakota "B"	5862'		5862'
Dakota "D"	5918'		5918'
T.D.	5988'		5988'

JACK A. COLE
HUGH WASH FEDERAL NO. 1

CEMENT SUMMARY

Ran 141 joints of 4-1/2", K-55, measuring 6013.85' with float equipment. Float Collar at 5970', Stage Collar #1 at 4262', stage collar #2 at 1769' with shoe at 5988'.

- Stage No. 1 1000 gallons mud flush followed by 505 sacks of 50-50 pozmix with 2% Gel with 6-1/4 lbs. Gilsonite and 6 lbs. salt per sack. Plug down 6/4/83 at 11:20 PM. Circulate cement while circulating through second stage collar.
- Stage No. 2 500 ballons mud flush followed by 400 sacks of 65-35 Pozmix 12% Gel with 6-1/4 lbs. Gilsonite per sack followed by 50 sacks Class "B" Neat cement. Plug down at 4:50 AM on 6/4/83. Circulate cement while circulating through third stage collar.
- Stage No. 3 Cement with 335 sacks of 65-35 Pozmix 12% Gel with 6-1/4 lbs. Gilsonite per sack followed by 50 sacks Class "B" Neat Cement. Plug down at 8:20 AM. Circulate cement to surface.

RE
OIL CO.
DIST.