

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 ☐		1b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other <u>OCT 15 1985</u>		7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR <u>Jack A. Cole</u>				8. FARM OR LEASE NAME <u>Marcus</u>	
3. ADDRESS OF OPERATOR <u>P.O. Box 191, Farmington, New Mexico 87490</u>				9. WELL NO. <u>3</u>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface <u>1830' FML, 880' FEL</u> At top prod. interval reported below <u>Same</u> At total depth <u>Same</u>				10. FIELD AND POOL, OR WILDCAT <u>Lybrook Gallup</u>	
14. PERMIT NO. <u>OIL CON. DIV.</u>				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA <u>Sec. 7-T23N-R6W</u>	
15. DATE SPUDDED <u>5-24-85</u>				12. COUNTY OR PARISH <u>Rio Arriba</u>	
16. DATE T.D. REACHED <u>6-1-85</u>				13. STATE <u>New Mexico</u>	
17. DATE COMPL. (Ready to prod.) <u>6-14-85</u>				18. ELEVATIONS (DF, RSB, RT, GR, ETC.) <u>6848 GL 6860 KE 6848 GL</u>	
20. TOTAL DEPTH, MD & TVD <u>5640</u>		21. PLUG, BACK T.D., MD & TVD <u>5587</u>		22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY <u>0-5640</u>				24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* <u>5305-5313) Gallup</u> <u>5440-5516)</u>	
25. TYPE ELECTRIC AND OTHER LOGS RUN <u>Dual Induction</u>				26. WAS DIRECTIONAL SURVEY MADE <u>No</u>	
27. WAS WELL CORED <u>No</u>				28. CASING RECORD (Report all strings set in well)	
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)	
8 5/8		24.0		789'	
4 1/2		10.50		5640'	
HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED	
12 1/2"		590 cu. ft.		None	
7 7/8"		1260 cu. ft.		None	
29. LINER RECORD				30. TUBING RECORD	
SIZE		TOP (MD)		BOTTOM (MD)	
SACKS CEMENT*		SCREEN (MD)		SIZE	
				2 3/8	
DEPTH SET (MD)		PACKER SET (MD)		DEPTH SET (MD)	
				5279'	
31. PERFORATION RECORD (Interval, size and number) <u>5305-5313</u> <u>5440-5446</u> <u>5478-5484 1 hole per ft.</u> <u>5506-5516 3 1/8" bull jet</u>				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) <u>5305-5516</u> AMOUNT AND KIND OF MATERIAL USED <u>44,000 gals. gelled oil and</u> <u>115,000 lbs. 20-40 sand</u>	
33. PRODUCTION					
DATE FIRST PRODUCTION <u>10-6-85</u>		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) <u>Flowing</u>		WELL STATUS (Producing or shut-in) <u>Producing</u>	
DATE OF TEST <u>10-10-85</u>		HOURS TESTED <u>24</u>		CHOKE SIZE <u>3/4</u>	
PROD'N. FOR TEST PERIOD <u>12</u>		OIL—BSL. <u>115</u>		GAS—MCF. <u>115</u>	
WATER—BSL. <u>0</u>		GAS—OIL RATIO <u>9.583</u>		OIL GRAVITY-API (CORR.) <u>42.3</u>	
FLOW. TUBING PRESS. <u>115</u>		CASING PRESSURE <u>300</u>		CALCULATED 24-HOUR RATE <u>12</u>	
OIL—BSL. <u>12</u>		GAS—MCF. <u>115</u>		WATER—BSL. <u>0</u>	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)					
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 <u>Dwayne Blumett</u>		TITLE <u>Production Superintendent</u>		DATE <u>October 11, 1985</u>	

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

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 15: 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 FORMER ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF, CORRELATE INTERVALS, AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, FINE TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION

TOP

BOTTOM

DESCRIPTION, CONTENTS, ETC.

CEMENT SUMMARY

Cement 1st. stage through float collar at 5583 with 10 bbls. mud flush followed by 400 sacks (596 cu. ft.) 50-50 pozmix, 2% Gel, 6 1/2 lbs. Gilsonite and 6 lbs. salt per sack. Plug down 5:00 a.m. June 1, 1985. Calculated top of cement 3831'.

Cement 2nd. stage through stage collar at 2150 with 10 lbs. mud flush followed by 225 sacks (605 cu. ft.) 65-35 pozmix, 12% Gel with 6 1/2 lbs. Gilsonite per sack followed by 50 sacks Class "B". Plug down 8:30 a.m. June 1, 1985. Circulated cement to surface.

38. GEOLOGIC MARKERS

NAME

MEAS. DEPTH

TOP

TRUE VERT. DEPTH

Ojo Alamo
Fruitland
Pictured Cliffs
Lewis
Chacra
Cliff House
Menefee
Point Lookout
Upper Gallup
Lower Gallup

1340
1550
1935
2050
2470
2830
2907
4210
5300
5425

1340
1550
1935
2050
2470
2830
2907
4210