

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 ☐		5. LEASE DESIGNATION AND SERIAL NO. SF - 078359			
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME			
2. NAME OF OPERATOR JACK A. COLE		7. UNIT AGREEMENT NAME			
3. ADDRESS OF OPERATOR P. O. BOX 191, FARMINGTON, NEW MEXICO 87499		8. FARM OR LEASE NAME MARCUS "A" E			
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 600' GNL, 600' FWL At top prod. interval reported below SAME At total depth SAME		9. WELL NO. #3			
14. PERMIT NO. DIV.		10. FIELD AND POOL, OR WILDCAT COUNSELORS GALLUP-DAKOTA			
15. DATE SPUDDED 9/22/85		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA SEC. 17-T23N-R6W			
16. DATE T.D. REACHED 9/29/85		12. COUNTY OR PARISH RIO ARriba			
17. DATE COMPL. (Ready to prod.) 12/20/85		13. STATE NEW MEXICO			
18. ELEVATIONS (OF, RKB, RT, GR, ETC.)* 6882' GL, 6894' KB, 6882' GL		19. ELEV. CASINGHEAD			
20. TOTAL DEPTH, MD & TVD 5635'		21. PLUG, BACK T.D., MD & TVD 5598'			
22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY 10' 5635'			
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5300' - 5507' GALLUP		25. WAS DIRECTIONAL SURVEY MADE NO			
26. TYPE ELECTRIC AND OTHER LOGS RUN INDUCTION-DENSITY-GR-CCL		27. WAS WELL CORED NO			
28. CASING RECORD (Report all strings set in well)					
CASINO SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)	
8-5/8"		24.0		270'	
4-1/2"		10.50		5634'	
HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED	
12-1/2"		250 SKS. (259 CU. FT.)		NONE	
7-7/8"		625 SKS. (1133 CU. FT.)		NONE	
29. LINER RECORD					
SIZE		TOP (MD)		BOTTOM (MD)	
2-3/8"		5310'		5310'	
SACKS CEMENT*		SCREEN (MD)		TUBING RECORD	
				SIZE	
				DEPTH SET (MD)	
				PACKER SET (MD)	
				5310'	
31. PERFORATION RECORD (Interval, size and number)					
5300' - 5310'		5477' - 5480'		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
5433' - 5438'		5500' - 5507'		DEPTH INTERVAL (MD)	
5440' - 5442'		1 HOLE PER FOOT		AMOUNT AND KIND OF MATERIAL USED	
5470' - 5475'		3-1/8" BULL JET		5300' - 5507'	
				49,000 GALLONS GELFOAM	
				100,000 LBS. 20-40 SAND	
33. PRODUCTION					
DATE FIRST PRODUCTION 12/20/85		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) NEW OIL FLOWING		WELL STATUS (Producing or shut-in) PRODUCING	
DATE OF TEST 12/22/85		HOURS TESTED 24		CHOKE SIZE 3/4"	
FLOW. TUBING PRESS. 225		CASING PRESSURE 475		CALCULATED 24-HOUR RATE 35	
OIL—BBL. 35		GAS—MCF. 150		WATER—BBL. -0-	
OIL GRAVITY-AP. (CORR.) 43.7		OIL GRAVITY-AP. (CORR.) 43.7		OIL GRAVITY-AP. (CORR.) 43.7	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) SOLD					
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 <i>Douglas Blumett</i>		TITLE <i>PRODUCTION SUPERINTENDENT</i>			
DATE <i>DECEMBER 23, 1985</i>					

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

NMOC

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.
1ST STAGE:	300 SACKS AND 6 LBS.	417 CU. FT. 50-50 POZMIX, 28 GEL, 6-1/4 LBS. GILSONITE	
2ND STAGE:	275 SACKS (457 CU. FT.) 65-35 POZMIX, 12% GEL AND 6-1/4 LBS. GILSONITE PER SACK, FOLLOWED BY 50 SACKS (593 CU. FT.) CLASS "B" CEMENT		
FLOAT COLLAR	5598'		
STAGE COLLAR	2115'		

38. GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TRUE VERT. DEPTH
010 ALAMO	1340'	1340'
KIRTLAND	1515'	1515'
PICTURED CLIFFS	1935'	1935'
LEWIS	2040'	2040'
CHACRA	2370'	2370'
CLIFFHOUSE	2840'	2840'
MENEFEE	3465'	3465'
POINT LOOKOUT	4205'	4205'
MANCOS	4420'	4420'
GALLUP (UPPER)	5294'	5294'
GALLUP (LOWER)	5424'	5424'
T.D.	5635'	5635'