

NMOCC COPY

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 ☐																		
b. TYPE OF COMPLETION:		NEW WELL ☒	WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☐	DIFF. RESVR. ☐	Other ☐																
2. NAME OF OPERATOR						NOV 3 1977																	
3. ADDRESS OF OPERATOR						U.S. GEOLOGICAL SURVEY																	
4. LOCATION OF WELL (Report location clearly and in accordance with U.S. GEOLOGICAL SURVEY)						ARTESIA, NEW MEXICO																	
At surface						1345' FNL and 1345' FEL of Sec. 25-17-31E																	
At top prod. interval reported below																							
At total depth						NOV 4 1977																	
14. PERMIT NO.						DATE ISSUED																	
15. DATE SPUDDED						10-10-77																	
16. DATE T.D. REACHED						10-17-77																	
17. DATE COMPL. (Ready to prod.)						11-1-77																	
18. LOCATION OF WELL (RT, GR, ETC.)*						3896 KB																	
20. TOTAL DEPTH, MD & TVD						3950																	
21. PLUG, BACK T.D., MD & TVD						3810																	
22. IF MULTIPLE COMPL., HOW MANY*						3896 KB																	
23. INTERVALS DRILLED BY						ROTARY TOOLS																	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*						3736-73																	
25. WAS DIRECTIONAL SURVEY MADE						No																	
26. TYPE ELECTRIC AND OTHER LOGS RUN						Gamma Ray-Compensated Neutron																	
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"		28.55#		763'		12-1/4		475 sx. Class C															
5-9/16"		15.63#		3950'		7-7/8		525 sx. Class H															
29. LINER RECORD								30. TUBING RECORD															
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		SIZE		DEPTH SET (MD)		PACKER SET (MD)									
										2-3/8		3715		3715									
31. PERFORATION RECORD (Interval, size and number)								32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.															
3736, 38, 40, 44, 46, 48, 51, 65, 67, 69, 71 and 73								DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED											
3889-3937 (shut off)								3736-73				6,000 gals. acid											
								3889-3937				6,000 gals. acid											
33.* PRODUCTION																							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)						WELL STATUS (Producing or shut-in)															
11-1-77		Flowing						Producing															
DATE OF TEST		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD		OIL—BBL.		GAS—MCF.		WATER—BBL.		GAS-OIL RATIO									
11-2-77		24		Open 1/2		→		481				25											
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BBL.		GAS—MCF.		WATER—BBL.		OIL GRAVITY-API (CORR.)											
250				→		481				25													
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)												TEST WITNESSED BY											
Sold												Dwaine Howard											
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		Ray L. Gray						TITLE				Consulting Engineer				DATE				Nov. 3, 1977			

*(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 38, 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:				GEOLOGIC MARKERS	
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING				738.	
DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES					
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH
					TRUE VERT. DEPTH
San Andres	3736	3773	White dolomite - 7th zone	Rustler Anhydrite	655
San Andres	3889	3937	White dolomite - Upper 9th zone (mostly water) (This zone plugged off)	San Andres	3655
				Lovington Sand	3851