

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 Sentinel Petroleum Corporation						5. LEASE DESIGNATION AND SERIAL NO. Contract #317	
3. ADDRESS OF OPERATOR 1700 Broadway, Suite 517, Denver, Colorado 80202						7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 790' from West line; 790' from North line 6817' KB/ NW1/4 NW1/4 Sec. 31-24N-4W, Rio Arriba County, N.M. At top prod. interval reported below 2487' top of Pictured Cliffs formation At total depth 2483' top of sand						9. WELL NO. Jicarilla Tribal #317 #1	
14. PERMIT NO.						10. FIELD AND POOL, OR WILDCAT Ballard	
DATE ISSUED						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA NW1/4 NW1/4 31-24N-4W	
15. DATE SPUNDED 12/26/63						12. COUNTY OR PARISH Rio Arriba	
16. DATE T.D. REACHED 12/31/63						13. STATE New Mexico	
17. DATE COMPL. (Ready to prod.) 1/21/64						18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6817' KB	
19. ELEV. CASINGHEAD 6808						20. TOTAL DEPTH, MD & TVD 2637'	
21. PLUG, BACK T.D., MD & TVD 2590'						22. IF MULTIPLE COMPL., HOW MANY? single	
23. INTERVALS DRILLED BY all						24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 2487-2506	
25. WAS DIRECTIONAL SURVEY MADE yes						26. TYPE ELECTRIC AND OTHER LOGS RUN Induction and Sonic-gamma	
27. WAS WELL CORED no							

CASING RECORD (Report all strings set in well)				CEMENTING RECORD		AMOUNT CURED
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE			
8-5/8"	24	106	12-1/2	200 sx reg.		
4-1/2"	9.5	2637	7-7/8	100 sx reg.		

LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
None					1-1/4	2503	None

31. PERFORATION RECORD (Interval, size and number)

2489-2491 and 2495-2501
28 gram jets 3 holes per ft.

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
	30,000 gal. water
	35,000# 10-20 sand
	20 tons CO ₂

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
Shutin - waiting for connection							
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
1/21/64	Open flow 24 hrs.	Pilot tube		none	1050 MCF	none	none
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL-GAS RATIO (COR.)	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Waiting for connection by El Paso Natural Gas Co.

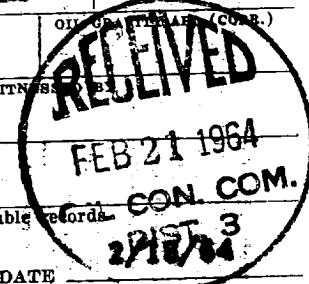
35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

SIGNED Human Boyer TITLE Prod. Supt.

DATE

* (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.), formations 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:				38. GEOLOGIC MARKERS	
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.	NAME	MEAS. DEPTH
					TRUE VERT. DEPTH
Ojo	2000'				
Kirtland	2104'				
Pictured Cliffs	2467'				
"	2487-2506	porous zone			