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SUBMIT IN DUPLICATE*

UNITED STATES
DEPARTMENT OF THE INTERIOR
U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.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. Tribal Lease #317	
3. ADDRESS OF OPERATOR 1700 Broadway, Denver, Colorado 80202						6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface At top prod. interval reported below 2604 At total depth 2650						7. UNIT AGREEMENT NAME Tract #13	
14. PERMIT NO. _____ DATE ISSUED _____						8. FARM OR LEASE NAME Jicarilla Abel	
10. FIELD AND POOL, OR WILDCAT South Blanco Pictured Cliffs						9. WELL NO. 4	
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA 790' FWL 1190' FNL Sec 32-T24N-R4W						12. COUNTY OR PARISH Rio Arriba	
13. STATE New Mexico						19. ELEV. CASINGHEAD 6896	
15. DATE SPUDDED 3-19-65		16. DATE T.D. REACHED 3-23-65		17. DATE COMPL. (Ready to prod.) 4-9-65		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6894 GR	
20. TOTAL DEPTH, MD & TVD 2650		21. PLUG, BACK T.D., MD & TVD 2633		22. IF MULTIPLE COMPL., HOW MANY* →		23. INTERVALS DRILLED BY →	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 2604 to 2624 Pictured Cliffs						25. WAS DIRECTIONAL SURVEY MADE Yes	
26. TYPE ELECTRIC AND OTHER LOGS RUN Schlumberger Electric Log. G.O. Wire Line Service Gamma Ray and Cement Bond Log						27. WAS WELL CORED Yes	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
8 5/8		24		104		12 1/2	
4 1/2		9.5		2644		6 3/4	
29. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
30. TUBING RECORD							
SIZE		DEPTH SET (MD)		PACKER SET (MD)			
1 1/4							
31. PERFORATION RECORD (Interval, size and number)							
4 shots 2606 12 shots 2614 to 2620 Dyna-Jets							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
2606-2625				250 gal acid, 35,000 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)	
4-13-65		3				no oil	
DATE OF TEST		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD	
4-13-65		3		.750		→	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BBL.	
				→		→	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)							
TEST WITNESSED BY							
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>Herman Boyer</u>				TITLE <u>Prod Supt</u>		DATE <u>5-7-65</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 wells 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 26, 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 (surveys, 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 33.

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 32. 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: "Socks 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, TOOL LOG, OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				38. GEOLOGIC MARKERS	
LOCATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP MEAS. DEPTH TRUE VERT. DEPTH
Pictured Cliffs	2604	2624		Fruitland Coal Pictured Cliffs	2471 2604