

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 ☐		
b. TYPE OF COMPLETION:		NEW WELL ☒	WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☐	DIFF. RESVR. ☐
2. NAME OF OPERATOR Rajan Oil Company, Inc.						
3. ADDRESS OF OPERATOR 900 Bank of New Mexico Building, Albuquerque, New Mexico 87101						
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 2475' fwl, 660' fwl At top prod. interval reported below 2475' fwl, 660' fwl At total depth 2475' fwl, 660' fwl						
14. PERMIT NO. USGS			DATE ISSUED 9/11/70			
15. DATE SPUDDED 9/18/70		16. DATE T.D. REACHED 10/1/70		17. DATE COMPL. (Ready to prod.) 10/4/70		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5094' GR
20. TOTAL DEPTH, MD & TVD 895'		21. PLUG, BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY → 0-895'
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 889' - 895' from the Dakota sandstone						25. WAS DIRECTIONAL SURVEY MADE Yes
26. TYPE ELECTRIC AND OTHER LOGS RUN Gamma Ray						27. WAS WELL CORRED No
28. CASING RECORD (Report all strings set in well)						
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD		AMOUNT PULLED
7-5/8"	17.5#	30'	9-5/8"	15 sz		None
4-1/2"	9.5#	842'	5-3/4"	60 sz, circulated		None
29. LINER RECORD						
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)		
None						
30. TUBING RECORD				PACKER SET (MD)		
SIZE	DEPTH SET (MD)	PACKER SET (MD)				
2-3/8"	814'	None				
31. PERFORATION RECORD (Interval, size and number) None				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		
				DEPTH INTERVAL (MD)		
				None		
				OCT 7 1970		
33. PRODUCTION						
DATE FIRST PRODUCTION 10/4/70		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				
DATE OF TEST 10/4/70		HOURS TESTED 24	CHOKE SIZE 2"	PROD'N. FOR TEST PERIOD →	OIL—BBL. 66	GAS—MCF. None
FLOW. TUBING PRESS. 9#		CASING PRESSURE 9#	CALCULATED 24-HOUR RATE →	OIL—BBL. 66	GAS—MCF. None	WATER—BBL. None
						OIL GRAVITY-API (CORR.) 38°
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						TEST WITNESSED BY George Reilly
35. LIST OF ATTACHMENTS Gamma Ray Log						
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records						
SIGNED V. R. Reilly		TITLE Geologist			DATE 10/5/70	

*(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 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.)

No cores or drillstem tests.

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 (SED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				38. GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH TRUE VERT. DEPTH
Kanabes Shale	0'	320'	Shale	Lower Gallup	320'
Lower Gallup	320'	355'	Sandstone	Graneros	355'
Lower Kanabes	355'	764'	Shale	Dakota	764'
Greenhorn	764'	832'	Limestone and shale		832'
Graneros	832'	889'	Shale		889'
Dakota	889'	895'	Sandstone, porous, saturated w/oil.		889'