

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See other in-  
structions on  
reverse side)Form approved.  
Budget Bureau No. 42-R365.5.

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a. TYPE OF WELL:		OIL WELL <input checked="" type="checkbox"/>	GAS WELL <input type="checkbox"/>	DRY <input type="checkbox"/>	Other		
b. TYPE OF COMPLETION:		NEW WELL <input checked="" type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	Other
2. NAME OF OPERATOR Rijan Oil Company, Inc.							
3. ADDRESS OF OPERATOR 20 First Plaza, Suite 402, Albuquerque, New Mexico 87102							
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 760' fwl, 1650' fsl At top prod. interval reported below 760' fwl, 1650' fsl At total depth 760' fwl, 1650' fsl							
14. PERMIT NO. USGS				DATE ISSUED			
15. DATE SPUDDED 3-22-77				16. DATE T.D. REACHED 4-7-77		17. DATE COMPL. (Ready to prod.) 6-15-77	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6764' GR, 6772' KB				19. ELEV. CASINGHEAD 6765'			
20. TOTAL DEPTH, MD & TVD 3250'		21. PLUG, BACK T.D., MD & TVD 3195'		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY ROTARY TOOLS 0-3250'	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Gallup 2696' - 3178'						25. WAS DIRECTIONAL SURVEY MADE Totco	
26. TYPE ELECTRIC AND OTHER LOGS RUN Induction-Laterolog, Compensated Formation Density log						27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
8-5/8"		24#		126'		10-3/4"	
5-1/2"		14#		3250'		7-7/8"	
29. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
30. TUBING RECORD							
SIZE		DEPTH SET—(MD)		PACKER SET (MD)			
2-3/8"		3183'		None			
31. PERFORATION RECORD (Interval, size and number)							
2696'-2708', 2716'-2724', 2890'-2896', 2984'-2990' w/2 per ft (1/2") 3034'-3040', 3044'-3048', 3118'-3124', 3146'-3160', 3172'-3178' w/2 per ft (1/2")							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
3034'-3178'				40,000# 20/40 sand, 30,000 gal water			
2696'-2990'				50,000# 20/40 sand, 40,000 gal water			
33. PRODUCTION							
DATE FIRST PRODUCTION 6-15-77		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping - Lufkin 80-14.3-48 pump				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 6-15-77		HOURS TESTED 24		CHOKE SIZE 2"		PROD'N. FOR TEST PERIOD OIL—BBL. 15 GAS—MCF. TSTM WATER—BBL. 2 (frac wtr)	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL GRAVITY-API (CORR.) 38°	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Used for fuel						TEST WITNESSED BY S. J. Massey	
35. LIST OF ATTACHMENTS 3 ea Induction-Laterolog and Compensated Formation Density Log							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED <u>[Signature]</u>				TITLE <u>Geologist</u>		DATE <u>June 17, 1977</u>	

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

**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: "Stocks 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 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 USED, 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
Lewis shale	0'	280'	Gray shales with some sands			
LaVentana	280'	1178'	Massive sandstones with some shale beds	Point Lookout	1862'	1862'
Menefee	1178'	1862'	Gray to brown shales with coal beds and gray sandstone beds	Upper Gallup	2690'	2690'
Point Lookout	1862'	2006'	Massive gray to white sandstones			
Upper Mancos	2006'	2690'	Gray to dark gray shales with some sand beds			
Upper Gallup	2690'	3036'	Gray sandstones with interbedded gray shales			
Lower Gallup	3036'	3246'	Gray sandstones with interbedded gray shales			
Lower Mancos	3246'	3250' TD	Dark gray shales			