

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions 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 _____		5. LEASE DESIGNATION AND SERIAL NO. LC 028772 (b)																			
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other Re-enter dry hole		6. IF INDIAN, ALLOTTEE OR TRIBE NAME																			
2. NAME OF OPERATOR International - Yates		7. UNIT AGREEMENT NAME																			
3. ADDRESS OF OPERATOR P. O. Box 427, Artesia, New Mexico		8. FARM OR LEASE NAME Dunn "B"																			
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1980' FSL & 1980' FSL, Sec. 12, T. 18 S., R. 28 E. NMPM At top prod. interval reported below At total depth		9. WELL NO. 9																			
14. PERMIT NO.		DATE ISSUED																			
15. DATE SPUNDED 1-9-64		16. DATE T.D. REACHED 2-15-64																			
17. DATE COMPL. (Ready to prod.) 2-23-64		18. ELEVATIONS (DF, RKB, RT, GE, ETC.)* 3622' GR.																			
19. ELEV. CASINGHEAD 3622'		20. TOTAL DEPTH, MD & TVD 2697'																			
21. PLUG, BACK T.D., MD & TVD 2690'		22. IF MULTIPLE COMPL., HOW MANY* ---																			
23. INTERVALS DRILLED BY ---		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 2180'-2665'																			
25. WAS DIRECTIONAL SURVEY MADE No		26. TYPE ELECTRIC AND OTHER LOGS RUN GR, N																			
27. WAS WELL CORED No		28. CASING RECORD (Report all strings set in well) <table border="1"><thead><tr><th>CASING SIZE</th><th>WEIGHT, LB./FT.</th><th>DEPTH SET (MD)</th><th>HOLE SIZE</th><th>CEMENTING METHOD</th><th>AMOUNT PULLED</th></tr></thead><tbody><tr><td>8 5/8" OD</td><td>24 lb.</td><td>357'</td><td>10"</td><td>100 BL.</td><td>None</td></tr><tr><td>4 1/2" OD</td><td>11.6 lb.</td><td>2690'</td><td>8"</td><td>175 ex.</td><td>None</td></tr></tbody></table>		CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING METHOD	AMOUNT PULLED	8 5/8" OD	24 lb.	357'	10"	100 BL.	None	4 1/2" OD	11.6 lb.	2690'	8"	175 ex.	None
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31. PERFORATION RECORD (Interval, size and number) 1 jet shot/ft. at 2180', 2185', 2190', 2623', 2626', 2636', 2639', 2662', and 2665'.		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. <table border="1"><thead><tr><th>DEPTH INTERVAL (MD)</th><th>AMOUNT AND KIND OF MATERIAL USED</th></tr></thead><tbody><tr><td>2180-2665'</td><td>500 gal. acid, 60,000 lbs. sand and 1150 lbs. fresh slick water.</td></tr></tbody></table>		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED	2180-2665'	500 gal. acid, 60,000 lbs. sand and 1150 lbs. fresh slick water.														
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34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold																					
35. LIST OF ATTACHMENTS GR, N Log																					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records																					
SIGNED C. H. McDonald		TITLE District Engineer																			
DATE 3-10-64		TEST WITNESSED BY																			

* (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.)

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	TOP TRUE VERT. DEPTH
Queen Grayburg Premier	2170 2490 2654	2210 2505 2668	Sand, Butter 2 1/2 gal. oil per hour Sand, Making water - no estimate Sand, Oil stained - no tests	Queen Grayburg San Andree	1930 2308 2677	