

N. M. O. C. C. COPY  
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other in-  
structions on  
reverse side)Form approved,  
Budget Bureau No. 42-R355.6.

## 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 <input type="checkbox"/>		1b. 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 <input type="checkbox"/>		2. NAME OF OPERATOR Atlantic Richfield Company		3. ADDRESS OF OPERATOR P. O. Box 1710, Hobbs, New Mexico 88240		4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 2350' FWL & 1000' FNL (Unit letter C) At top prod. interval reported below same as above At total depth same as at surface		5. LEASE DESIGNATION AND SERIAL NO. LC 029548 (a)		6. IF INDIAN, ALLOTTEE OR TRIBE NAME		7. UNIT AGREEMENT NAME		8. FARM OR LEASE NAME C. A. Russell		9. WELL NO. 11		10. FIELD AND POOL, OR WILDCAT Grayburg Jackson OGSA		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA 18-17S-31E			
15. DATE SPUDDED 9/1/74		16. DATE T.D. REACHED 9/25/74		17. DATE COMPL. (Ready to prod.) 1/18/75		18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 3716.8' GR		19. ELEV. CASINGHEAD		12. COUNTY OR PARISH Eddy		13. STATE N.M.		20. TOTAL DEPTH, MD & TVD 3555'		21. PLUG, BACK T.D., MD & TVD 3518'		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY 0-3555'		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3402-3511' Queen Grayburg San Andres		25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Laterolog, Cement Bond Log, Collar Locator Log		27. WAS WELL CORED Yes		28. CASING RECORD (Report all strings set in well)		29. LINER RECORD		30. TYPICAL SURVEY RECORD		31. PERFORATION RECORD (Interval, size and number) 3491, 93, 96, 3504, 07, 09, 11 - .41" = 7 holes. 3402, 04, 26, 29, 66, 69 & 3471' .41" = 7 holes		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		33. PRODUCTION DATE FIRST PRODUCTION 1/18/75 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping WELL STATUS (Producing or shut-in) Producing		34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold		35. LIST OF ATTACHMENTS As listed in Item 26		36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records		SIGNED <u>H. J. Russell</u> TITLE <u>Dist. Drlg. Supv.</u> DATE <u>1/27/75</u>			

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

\* 3491-3511' 500 gals Hy-Sperse acid cont'g 110

# 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. 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 POROSITY 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	TOP MEAS. DEPTH TRUE VERT. DEPTH
Core #1	3412'	3428'	Lime		
#2	3428'	3462'	Dolomite	Grayburg	2700'
#3	3462'	3468'	Dolomite	San Andres	3100'
#4	3468'	3512'	Dolomite		2700' 3100'

## INCLINATION REPORT

**OPERATOR:** Atlantic Richfield Company  
P. O. Box 1710  
Hobbs, New Mexico 88240

**LEASE NAME & NO:** C. A. Russell Well No. 11

**LOCATION:** Sec. 18, T-17-S, R-31-E, Eddy County, New Mexico

DEPTH	INCLINATION
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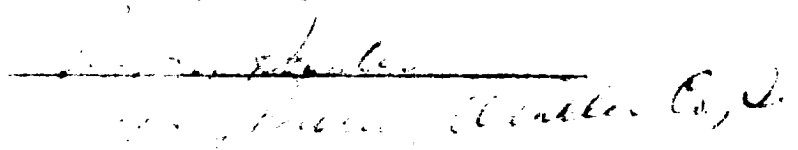
200	1/4
705	1/4
1073	1/4
1409	1
1859	1 1/4
2281	1/2
2780	1
3168	3/4

I, E. P. Leatherwood, President of Leatherwood Drilling Company, being first duly sworn on oath state that I have knowledge of the facts and matter herein set forth and that the same are true and correct.

  
E. P. Leatherwood

**SUBSCRIBED AND SWORN TO** before me this 30th day of September, 1974.

SEAL)

  
Notary Public, Eddy County, N.M.  
**RECEIVED**  
10/1/74  
2100 N. 10th Ave  
ALBUQUERQUE, N.M. 87102