

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

Form approved.
Budget Bureau No. 42-R355.5.NEW MEXICO CONS. COMMISSION
Drawer DD
Artesia, NM 88210WELL COMPLETION OR RECOMPLETION REPORT **ARCHIVES**

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐		5. LEASE DESIGNATION AND SERIAL NO. LC-031844	
b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP-EN ☒ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR ARCO Oil and Gas Company Division of Atlantic Richfield Company		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P. O. Box 1710, Hobbs, New Mexico 88240		8. FARM OR LEASE NAME Fren Oil Company	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 610' FSL & 1980' FEL At top prod. interval reported below as above At total depth as above		9. WELL NO. 12	
14. PERMIT NO.		13. STATE New Mexico	
DATE ISSUED		12. COUNTY OR PARISH Eddy	
15. DATE SPENT WO commenced 5/20/82		19. ELEV. CASINGHEAD	
16. DATE T.D. REACHED 6/1/82		18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 3585' GR	
17. DATE COMPL. (Ready to prod.) 6/8/82		20. TOTAL DEPTH, MD & TVD 3200'	
21. PLUG BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY Completion Unit		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3080-3200' (QGSA) 3060-3070' (QGSA)	
25. WAS DIRECTIONAL SURVEY MADE No		26. TYPE ELECTRIC AND OTHER LOGS RUN GR-Neutron & Base Temp Survey logs	
27. WAS WELL CORED No		28. CASING RECORD (Report all strings set in well)	
CASING SIZE		WEIGHT, LB./FT.	
8-5/8" OD		28#	
7" OD		20#	
DEPTH SET (MD)		HOLE SIZE	
499'		50 sx.	
3080'		125 sx	
CEMENTING RECORD		AMOUNT PULLED	
500 sx.		none	
125 sx		None	
29. LINER RECORD		30. TUBING RECORD	
SIZE		TOP (MD)	
BOTTOM (MD)		SACKS CEMENT*	
SCREEN (MD)		SIZE	
DEPTH SET (MD)		PACKER SET (MD)	
2-7/8" OD		2998'	
2998'		2998'	
31. PERFORATION RECORD (Interval, size and number) 3060-70' = 25 holes		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
ACCEPTED FOR RECORD JUN 30 1982 U.S. GEOLOGICAL SURVEY ROSWELL, NEW MEXICO		DEPTH INTERVAL (MD)	
3080-3200' &		AMOUNT AND KIND OF MATERIAL USED	
3060-70'		500 gal 15% HCL acid, 500 gal 2% KCL wtr, 10,000 gal X-linked gel, 4000 gal gel 10# brine, 200# RS, 200# BAF & 22,000# sd	
33.* DATE FIRST PRODUCTION 6/6/82		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing	
WELL STATUS (Producing or shut-in) Producing		DATE OF TEST 6/14/82	
HOURS TESTED 24		CHOKE SIZE 12/64"	
PROD'N. FOR TEST PERIOD 32		OIL—BBL. 32	
GAS—MCF. Not meas		WATER—BBL. 177	
GAS-OIL RATIO -		FLOW. TUBING PRESS. 70#	
CASING PRESSURE Pkr		CALCULATED 24-HOUR RATE 32	
OIL—BBL. 32		GAS—MCF. -	
WATER—BBL. 177		OIL GRAVITY-API (CORR.) 38°	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold		TEST WITNESSED BY Don Wotring	
35. LIST OF ATTACHMENTS Logs as listed in Item 26 above.		36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records	
SIGNED <i>E. J. Burk</i>		TITLE <i>Drlg. Engr.</i>	
DATE <i>6/16/82</i>			

*(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

FORMATION TOP BOTTOM DESCRIPTION, CONTENTS, ETC.

38.

GEOLOGIC MARKERS

NAME

MEAS. DEPTH

TOP

TRUE VERT. DEPTH

Grayburg

2787'