

NM OIL CONS. COMMISSION
BUREAU OF LAND MANAGEMENT
Artesia, NM 88210

1985

15F

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1. TYPE OF WELL: ☒ OIL WELL ☐ GAS WELL ☐ DRY ☐ Other _____

2. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DRILL ☐ PUMP BACK ☐ DIFF. REMOVAL ☐ Other _____

3. NAME OF OPERATOR **ARCO Oil & Gas Company**
Division of Atlantic Richfield Company

4. ADDRESS OF OPERATOR
P.O. Box 1610, Midland, TX 79702

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At surface **2080' FNL & 1700' FWL (Unit F)**

At top prod. interval reported below as above

At total depth as above

RECEIVED BY

JAN 2 1986

O. C. D.

ARTESIA OFFICE

14. PERMIT NO. **42-015-25423** DATE ISSUED **9-30-85**

6. NAME DESIGNATION AND SERIAL NO.

LC 029435 (a)

7. IF INDIAN, ALLOTTEE OR TRIBE NAME

8. UNIT AGREEMENT NAME

9. FARM OR LEASE NAME

J. L. Keel "A"

10. WELL NO.

16

11. FIELD AND POOL, OR WILDCAT

Grayburg-Jackson-SR-Q-G-SA

12. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

7-17S-31E

13. COUNTY OR PARISH
Eddy

14. STATE

N M

15. DATE SPUDDED
11-12-85

16. DATE T.D. REACHED
11-20-85

17. DATE COMPL. (Ready to prod.)
12-19-85

18. ELEVATIONS (DP, RKB, ST, GR, ETC.)
3730.5 RKB

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD
3600

21. PLUG BACK T.D., MD & TVD
3580

22. IF MULTIPLE COMPL., HOW MANY?

23. INTERVALS DRILLED BY

ROTARY TOOL

CABLE TOOLS

0-3600

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)
2931-3209 Grayburg Jackson

25. WAS DIRECTIONAL SURVEY MADE

NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR-CNL, GR-CBL

27. WAS WELL CORRED

NO

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLES SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	54.5	503	17-1/4"	1100 SX Cmt Circ	
8-5/8"	24	1557	11"	800 SX Cmt Circ	
5-1/2"	15.5	3592	7-7/8"	800 SX Cmt Circ	

LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)

TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
Flowing from 5-1/2" casing		
2 7/8	3231	

31. PERFORATION RECORD (Interval, size and number)

3353-3513 (22 - .50" holes)
2931-3209 (28 - .50" holes)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3353-3513	A w/2000 gals. Frac w/27.176 gal & 64.032# sd. RBP set @ 3260
2931-3209	A w/2000 gals. Frac w/60.000 gals & 190.000# sd

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
12-19-85		Flowing					Producing	
DATE OF TEST	HOURS TESTED	CHOKED SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
12-25-85	24	24/64	→	164	59	0	360	
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
NA	125	→	164	59	10	36		
34. DISPOSITION OF GAS (Bold, used for fuel, vented, etc.)								

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold

TEST WITNESSED BY

Lee Mallett

35. LIST OF ATTACHMENTS

GR-CNL, GR-CBL

DEC 21 1985

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

TITLE

Area Prod. Supt.

DATE

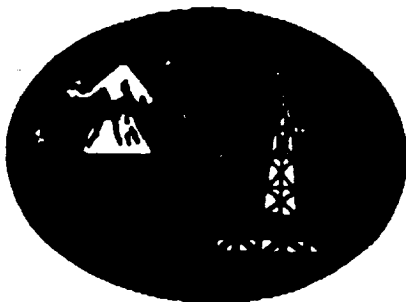
12/26/85

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

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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	TOP	
							MEAS. DEPTH	TRUE VERT. DEPTH
						Seven Rivers	1747	
						Queen	2360	
						Grayburg	2762	
						San Andres	3076	



Donald L. Wallace
President

SIERRA DRILLING COMPANY

P. O. Box 6267 ATS

Midland, Texas 79711

(915) 563-3477

November 20, 1985

Arco Oil & Gas Company
P.O. Box 1610
Midland, Texas 79702

Re: J.L. Keel No. 16

Gentlemen

The following is a Deviation Survey for the above referenced well located in Eddy County, New Mexico.

503 - 3/4
767 - 1 3/4
1010 - 1 1/4
1302 - 1 1/4

1557 - 1
1956 - 1/4
2548 - 1 1/4
3033 - 1 1/4

Sincerely,

Garry L. Flynn
Drilling Superintendent

STATE OF TEXAS)
COUNTY OF MIDLAND)

The foregoing was acknowledged before me this 20th day of November, 1985

Milly C. Wilson
Notary Public

My commission expires 12/23/85.