

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.

5. LEASE DESIGNATION AND SERIAL NO.

NM-0634-C

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Wilshire-Federal

9. WELL NO.

3

10. FIELD AND POOL, OR WILDCAT

D-K Abo

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

Sec. 30-T20S-R39E

12. COUNTY OR  
PARISH

Lea

13. STATE

New Mexico

1a. TYPE OF WELL:

OIL  
WELL ☒GAS  
WELL ☐DRY ☐Other ☐

b. TYPE OF COMPLETION:

NEW  
WELL ☒WORK  
OVER ☐DEEP-  
EN ☐PLUG  
BACK ☐DIFF.  
RESVR. ☐Other ☐

2. NAME OF OPERATOR

Mark Production Company

3. ADDRESS OF OPERATOR

1108 Simons Building, Dallas, Texas 75201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface 1980' FSL &amp; 990' FEL of Sec. 30-T20S-R39E

At top prod. interval reported below

Same

At total depth

Same

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

11-27-71

16. DATE T.D. REACHED

12-15-71

17. DATE COMPL. (Ready to prod.)

12-22-71

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*

3545.5' GL

19. ELEV. CASINGHEAD

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20. TOTAL DEPTH, MD &amp; TVD

7410'

21. PLUG, BACK T.D., MD &amp; TVD

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22. IF MULTIPLE COMPL.,  
HOW MANY\*

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23. INTERVALS  
DRILLED BY

ROTARY TOOLS

XX

CABLE TOOLS

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24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*

6962' - 7360' Abo

25. WAS DIRECTIONAL  
SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Acoustic Velocity 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	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	23#	1670'	12-1/4"	500 sacks - circulated	None
4-1/2"	11.6#	7410'	7-7/8"	390 sacks	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	6942'	6953'

31. PERFORATION RECORD (Interval, size and number)

7003' - 7360' 24 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7003-7360'	2000 gals 15% acid
	8000 gals 28% acid
	8000 gals 3% acid

33.\*

PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
12-22-71		Flowing				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
12-27-71	24	16/64"	→	95	111	8 acid wtr	1170:1
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
225 psi	Packer	→	95	111	8 acid wtr	35.6 degree	

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

Sold

TEST WITNESSED BY

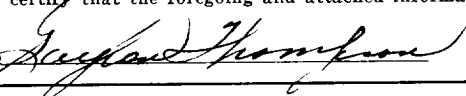
J. H. Cravey

35. LIST OF ATTACHMENTS

Acoustic Velocity Log and Deviation Record

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

SIGNER



TITLE

Assistant Secretary

DATE 12-28-71

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