

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.

M-679540

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Conoco-Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

D-K (Abo)

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

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' T20S &amp; 1980' T20S of Sec. 30-T20S-R39E, Lea

County, New Mexico

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

7-7-70

15. DATE SPUDDED

7-14-70

16. DATE T.D. REACHED

8-8-70

17. DATE COMPL. (Ready to prod.)

8-13-70

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

3560 GL

19. ELEV. CASINGHEAD

3562

20. TOTAL DEPTH, MD &amp; TVD

7470'

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

22. IF MULTIPLE COMPL.,

HOW MANY\*

23. INTERVALS

DRILLED BY

ROTARY TOOLS

CABLE TOOLS

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

Top - 6352

Name - Abo

Bottom - 7470

25. WAS DIRECTIONAL  
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Acoustic, Guard, etc.

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"	14.5	1667	12-3/4"	700 sacks	
4-1/2"	11.6	7470	7-7/8"	390 sacks	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	6831	6877

31. PERFORATION RECORD (Interval, size and number)

6968 - 7359 (12-1/2" holes)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6968-7359	12,000 gals acid

33.\* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
8-13-70		Flowing				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
8-14-70	24 hrs	14/64"	→	198.72	216	17.28	1087-1
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
500 psi	Packer	→	198.72	216	17.28	35.3°	

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

Connecting Gas Sales Line

TEST WITNESSED BY

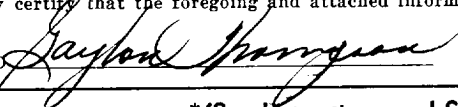
W. H. Cravey

35. LIST OF ATTACHMENTS

Acoustic Log, Temperature Survey, Deviation Record

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

SIGNED



TITLE

Assistant Secretary

DATE

8-21-70

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