

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK <b>DRILL</b> <input checked="" type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/> <b>PLUG BACK</b> <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. <b>11-079540</b>
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR <b>Mark Production Company</b>		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR <b>1108 Simons Building, Dallas, Texas 75201</b>		8. FARM OR LEASE NAME <b>Conoco-Federal</b>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface <b>1980' FSL &amp; 1980' FEL of Sec. 30-T20S-R39E, Lea County, New Mexico</b> At proposed prod. zone <b>Same as above</b>		9. WELL NO. <b>1</b>
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* <b>11 miles southeast of Hobbs, New Mexico</b>		10. FIELD AND POOL, OR WILDCAT <b>D-K UNDESIGNATED</b>
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) <b>660'</b>	16. NO. OF ACRES IN LEASE <b>80 acres</b>	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>Sec. 30-T20S-R39E</b>
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. <b>No wells on lease</b>	19. PROPOSED DEPTH <b>7,500 feet</b>	12. COUNTY OR PARISH <b>Lea</b>
21. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>3,560' GR</b>		13. STATE <b>New Mexico</b>
22. APPROX. DATE WORK WILL START* <b>Approximately 7-15-70</b>		

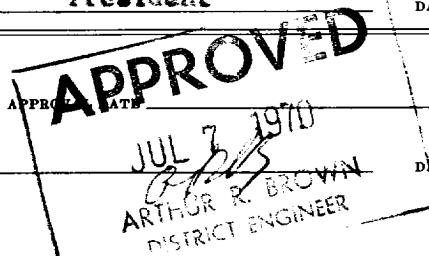
## 23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11-1/4-inch	8-5/8-inch	24#	1,700'	350 sacks cement <b>CIRCULATE</b>
7-7/8-inch	4-1/2-inch	10.5# & 11.6#	7,500'	390 sacks cement

Drill to 7,500 feet and complete from Drinker oil zone between 6,900 feet and 7,250 feet.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED <u>Arthur R. Brown</u> TITLE <u>President</u> DATE <u>June 25, 1970</u>	
(This space for Federal or State office use)	
PERMIT NO. _____	
APPROVED BY _____ TITLE _____ DATE _____	
CONDITIONS OF APPROVAL, IF ANY:	



\*See Instructions On Reverse Side

MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102  
Supersedes C-128  
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

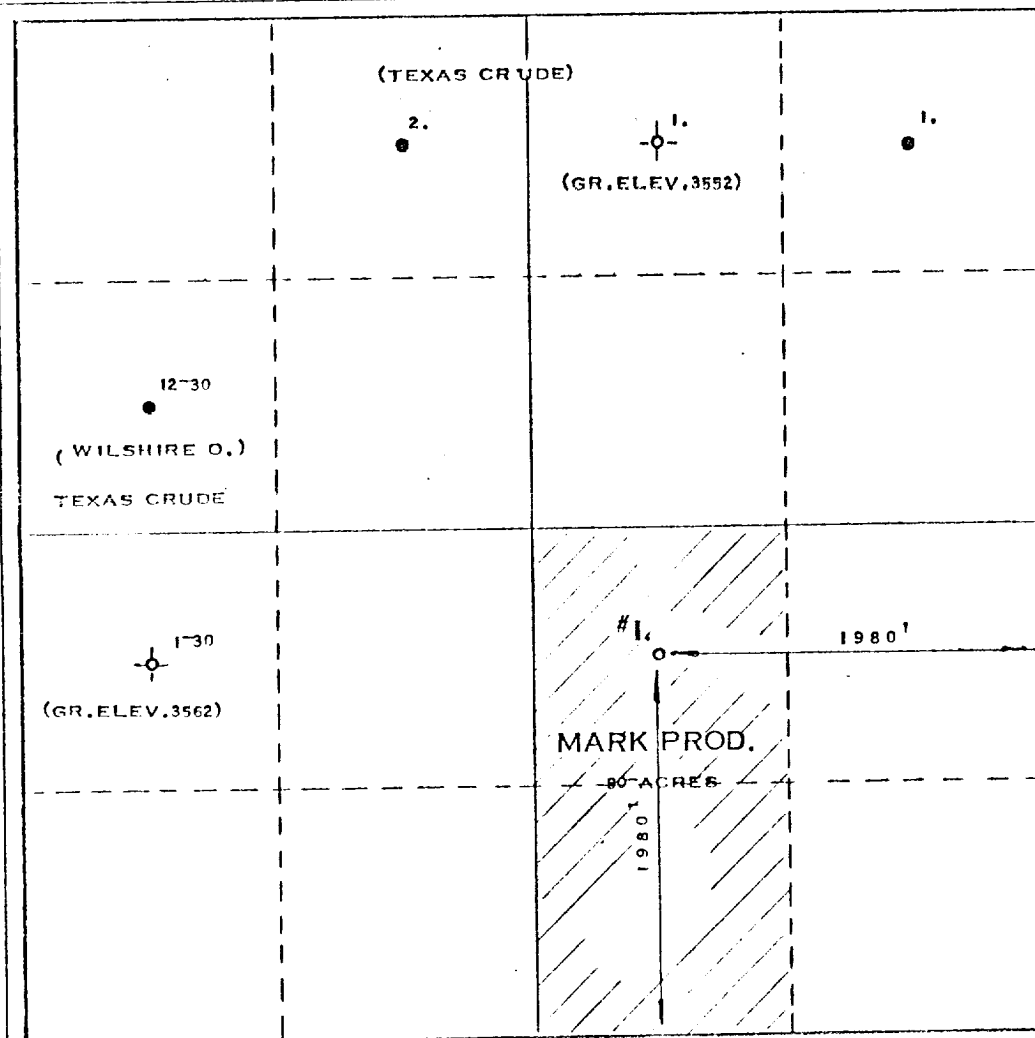
Operator <b>MARK PRODUCTION COMPANY</b>			Lease <b>CONOCO-FEDERAL</b>		Well No. <b>1</b>
Unit Letter <b>"J"</b>	Section <b>30</b>	Township <b>20-S</b>	Range <b>39-E</b>	County <b>LEA</b>	
Actual Footage Location of Well:					
1980 feet from the <b>SOUTH</b>		Line and	1980 feet from the <b>EAST</b>		Line
Ground Level Elev. <b>3560</b>	Producing Formation <b>ABO</b>	Pool <b>UNDESIGNATED</b>	Dedicated Acreage: <b>80.40</b>		Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name  
**Curtis W. Mewbourne**  
Position  
**President**  
Company  
**Mark Production Company**  
Date  
**June 25, 1970**

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed  
**JUNE 23, 1970**  
Registered Professional Engineer and/or Land Surveyor  
**MAX A. SCHUMANN (P.E.)**  
Certificate No.  
**1510**