

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

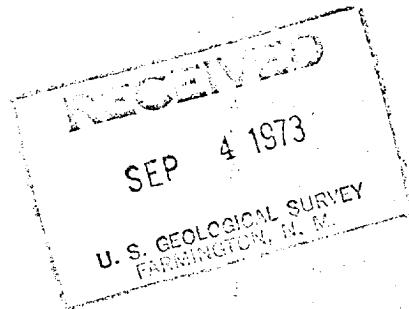
30-045-21344

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

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. 16-20-000-0000
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME NAVAJO
2. NAME OF OPERATOR MEXICO OIL & GAS CORPORATION			7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR 1010 WYLER AVENUE, FARMINGTON, NEW MEXICO 87401			8. FARM OR LEASE NAME SHIPROCK
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface: 35° 10' N 10° E 15-000 35° 10' 5" N 32° 5' 10" W At proposed prod. zone: 15000 - 35000			9. WELL NO. - 1000 / 1000
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 10 miles			10. FIELD AND POOL, OR WILDCAT SHIPROCK
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)			11. SEC., T., R., M., OR BLK. AND SURVEY, OR AREA SEC. 10 T. 20 R. 30 M.
16. NO. OF ACRES IN LEASE 30			12. COUNTY OR PARISH SAN JUAN
17. NO. OF ACRES ASSIGNED TO THIS WELL 2 1/2 acres			13. STATE NEW MEXICO
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.			20. ROTARY OR CABLE TOOLS ROTARY
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5,270.6			22. APPROX. DATE WORK WILL START* 8/10/73

23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
6"	4 1/2"	95	120'	7 ex.

We propose to drill 6" to 120' T.D. set 4 1/2" casing in cement



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. SIGNATURE [Signature] TITLE PRESIDENT DATE 8/10/73  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
APPROVED BY [Signature] TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

**NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACERAGE DEDICATION PLAT**

All distances must be from the outer boundaries of the Section

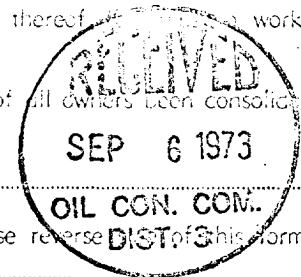
Operator <b>THE SHIPROCK CORPORATION</b>		Lease <b>Shiprock L</b>		Well No. <b>5-21183</b>
Unit/Liner <b>2</b>	Section <b>16</b>	Township <b>29 NORTH</b>	Range <b>18 WEST</b>	County <b>SAN JUAN</b>
Actual Distance of Well: 2516 feet from the <b>SOUTH</b> line of <b>825</b> feet from the <b>WEST</b> line Section Formation <b>Gallup</b> Post <b>Shiprock</b> Dedicated Acreage <b>40.00</b> Acres				

1. All acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (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 communization, 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 consolidated. (Use reverse of this form if necessary.) \_\_\_\_\_

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



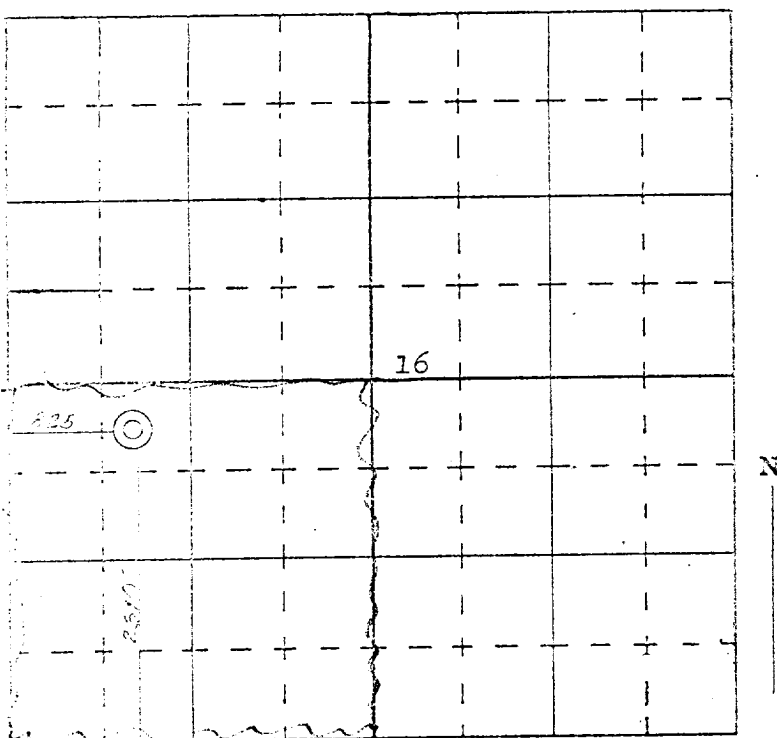
**CERTIFICATION**

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

Name *James P. Loose*  
 Position *Surveyor*  
 Company *Shiprock Oil & Gas Corp*  
 Date *8-10-73*

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 *27 July 1973*  
 Registered Professional Engineer  
 and/or Land Surveyor *James P. Loose*



SCALE—4 INCHES EQUALS 1 MILE

SAN JUAN ENGINEERING COMPANY, FARMINGTON, N. M.

1463  
Certificate No.