

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-043-20100

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. 100-500
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache
2. NAME OF OPERATOR Union Oil Company of California			7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR P. O. Box 2620 - Casper, Wyoming 82601			8. FARM OR LEASE NAME Jicarilla "C"
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 660' FSL & 1980' FEL (SW SE) At proposed prod. zone			9. WELL NO. 1 (0-32)
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Approx 30 miles ENE of Cuba, New Mexico			10. FIELD AND POOL, OR WILDCAT Undesignated WC
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest d.b. unit line, if any) 660'			11. SEC., T., R., S., CORNER, AND SURVEY OR AREA Sec. 32, T.22N., R.5W.
16. NO. OF ACRES IN LEASE 2557			12. COUNTY OR PARISH Sandoval
17. NO. OF ACRES ASSIGNED TO THIS WELL 80 43			13. STATE New Mexico
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. None			14. ROTARY OR CABLE TOOLS Rotary
21. ELEVATIONS (Show whether DI, MT, GR, etc.) 7271' GR			22. APPROX. DATE WORK WILL START* October 10, 1972

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	36#	1320'	800 sk
8-3/4"	5-1/2"	15#	- -	To be determined from logs
7-7/8"	5-1/2"	17#	6500'	to cover production zones.

PLAN OF PROCEDURE:

Drill 12-1/4" hole to approximately 1320'. Run and cement 9-5/8" casing. Then drill 8-3/4" hole to approximately 5000'. Coring and testing at discretion of geologist. Reduce hole size to 7-7/8", 5000' to T.D. Test Dakota sands as necessary. Run logs. Run and cement 5-1/2" casing. Perforate and complete using 2-7/8" tubing. Double ram pressure operated BOP's will be installed on 9-5/8" casing.

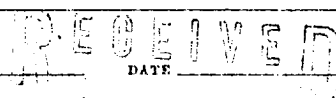
IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer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

24. SIGNED R. L. Clemons TITLE Drilling Engineer DATE 9-19-72
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY CU TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

field C-104 for 320 acre plot
for gas

*See Instructions On Reverse Side

U. S. GEOLOGICAL SURVEY
DURANGO, COLO.

**NEW 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.

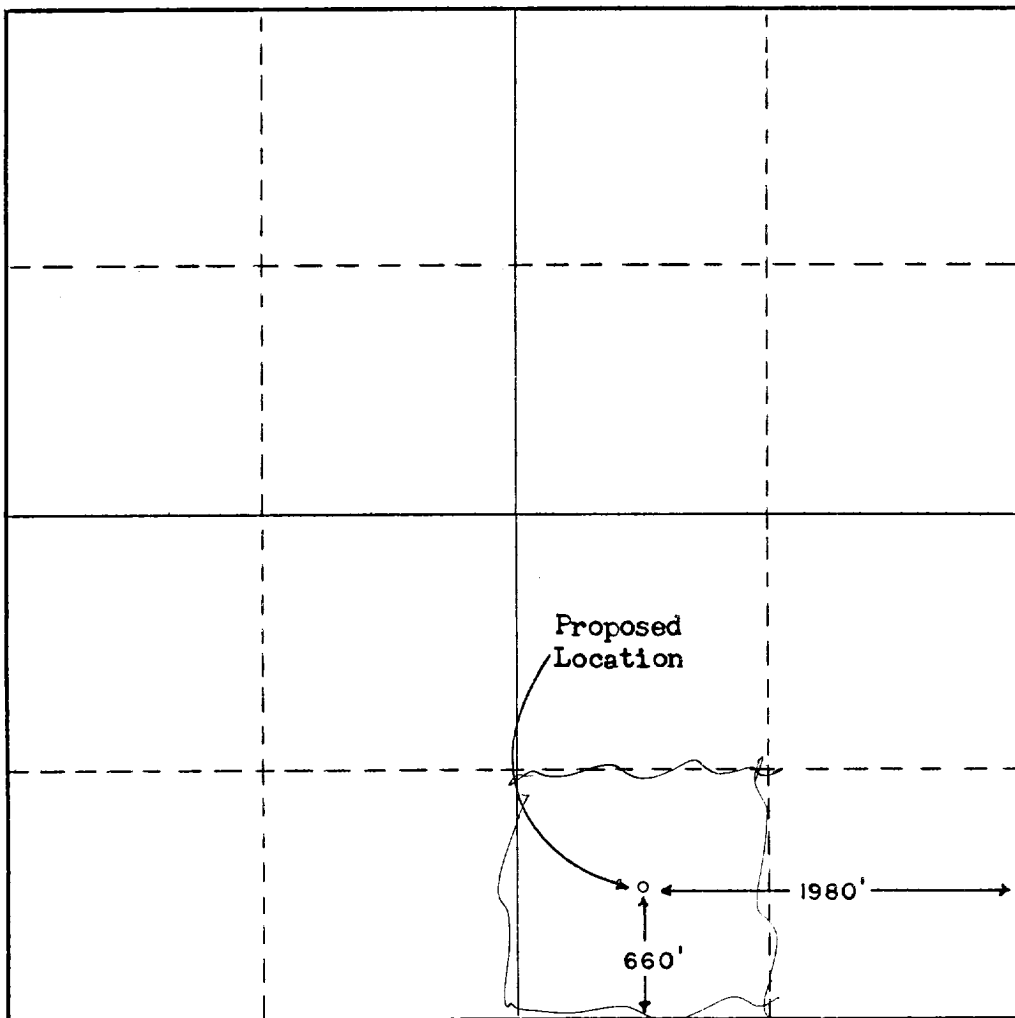
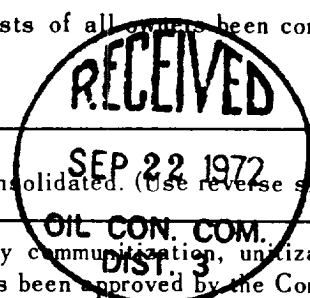
Operator Union Oil Company of Calif.		Lease Jicarilla C		Well No. 1(0-32)
Unit Letter	Section 32	Township 22 N	Range 5 W	County Sandoval
Actual Footage Location of Well: 660 feet from the South line and 1980 feet from the East line				
Ground Level Elev. 7271	Producing Formation	Pool U l	Dedicated Acreage: 40 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 leases 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.

[Signature]
Name
Drilling Engineer
Position
Union Oil Co
Company
9-19-72
Date

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.

August 16, 1972
Date Surveyed
Frederick H. Reed
Registered Professional Engineer
and/or Land Surveyor

[Signature]
Certificate No.

3795

4607L