

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 IDENTIFICATION AND LEASE NO. NA 2310-1	
b. TYPE OF WELL OIL <input type="checkbox"/> GAS <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INJECTION, GIVE THE TYPE OF INJECTION	
2. NAME OF OPERATOR Harry L. Bigbee & Harl D. Byrd			7. UNIT AGREEMENT NO.	
3. ADDRESS OF OPERATOR P. O. Box 669 Santa Fe, N.M.			8. FARM OR LEASE NAME Escrito Gallup	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 2310' FNL 1980' FWL Sec 12 T24N R8W At proposed prod. zone Gallup 6260'			9. WELL NO. 4	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 20 Miles Nageezi, N.M.			10. FIELD AND POOL OR ACREAGE Escrito Gallup	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. line, if any) 1980'			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 12 T24N R8W	
16. NO. OF ACRES IN LEASE 64.0			12. COUNTY OR PARISH San Juan	
17. NO. OF ACRES ASSIGNED TO THIS WELL 80			13. STATE N.M.	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1900'			19. PROPOSED DEPTH 6300'	
20. ROTARY OR CABLE TOOLS Rotary			21. APPROX. DATE WORK WILL START* MAY 15-17-64	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) GR 7287			22. APPROX. DATE WORK WILL START* MAY 15-17-64	

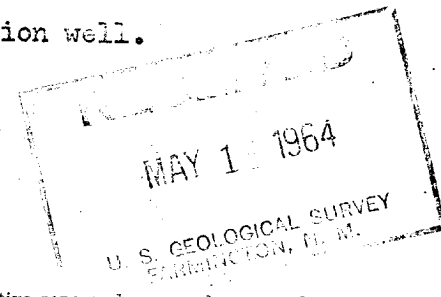
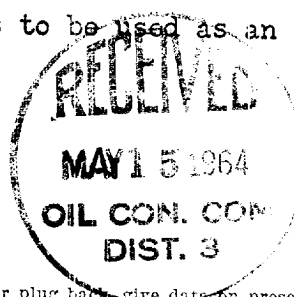
23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 5/8	24	350	200
7 7/8	4 1/2	11.6	6300	200

Drill 12 1/4 hole to 350 ' set 8 5/8 surface casing cement with 200 sacks cement.

Drill 7 7/8 hole to approximately 6300' to test Gallup. Run 4 1/2 casing cemented with 200 sacks cement at total depth.

Then temporarily abandon well until it is to be used as an injection well.



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 Harry L. Bigbee TITLE Agent DATE 5-13-64

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY E/W TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

SECTION A.

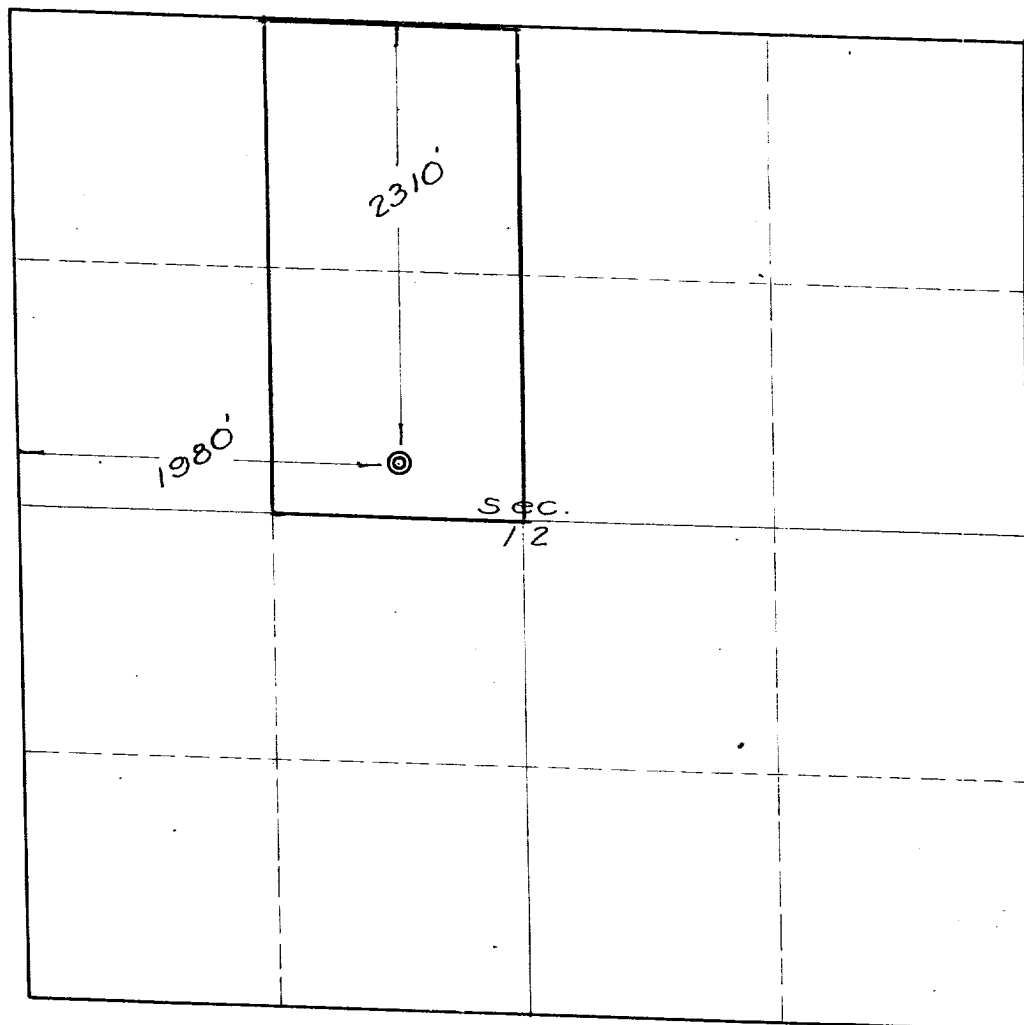
DATE _____
OPERATOR Harry & Byrles T. Hard D. Byrd LEASE NM 088040-A
WELL NO. _____ UNIT LETTER F SECTION 12 TOWNSHIP 24 NORTH RANGE 8 WEST NMPM
LOCATED 2310 FEET FROM NORTH LINE. 1980 FEET FROM WEST LINE
COUNTY RIO ARriba G. L. ELEVATION 7287 DEDICATED ACREAGE _____ ACRES
NAME OF PRODUCING FORMATION _____ POOL _____

1. IS THE OPERATOR THE ONLY OWNER* IN THE DEDICATED ACREAGE OUTLINED ON THE PLAT BELOW? YES _____ NO _____
2. IF THE ANSWER TO QUESTION ONE IS "NO," HAVE THE INTERESTS OF ALL THE OWNERS BEEN CONSOLIDATED BY COMMUNITIZATION AGREEMENT OR OTHERWISE? YES _____ NO _____ IF ANSWER IS "YES," TYPE OF CONSOLIDATION _____
3. IF THE ANSWER TO QUESTION TWO IS "NO," LIST ALL THE OWNERS AND THEIR RESPECTIVE INTERESTS BELOW:

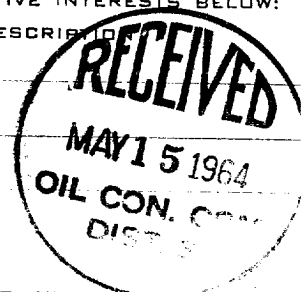
OWNER

LAND DESCRIPTION

SECTION B.



Scale, 1" = 1000'



THIS IS TO CERTIFY THAT THE INFORMATION IN SECTION A ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

(OPERATOR)

(REPRESENTATIVE)

(ADDRESS)

THIS IS TO CERTIFY THAT THE WELL LOCATION SHOWN ON THE PLAT IN SECTION B 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 MAY 8, 1964

**FOUR STATES
ENGINEERING CO.**

FARMINGTON, NEW MEXICO

Thomas V. E. E. E. E. E.
REGISTERED ENGINEER OR
LAND SURVEYOR

CERTIFICATE NO. 3602

