

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-039-22880

## 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. N00-C-14-20-5607	
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, ALLIANCE OR TRIBE NAME NAVAJO	
2. NAME OF OPERATOR MESA PETROLEUM CO.		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 1660 Lincoln, 2800 Lincoln Center, Denver, Co. 80264		8. FARM OR LEASE NAME SOUTH BLANCO NAVAJO 8	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 750'/N & 1650'/E At proposed prod. zone same		9. WELL NO. 2	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*		10. FIELD AND POOL, OR WILDCAT Lybrook Gallup <del>Ind.</del>	
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 B-8023N-7W	
16. NO. OF ACRES IN LEASE 160		12. COUNTY OR PARISH Rio Arriba	
17. NO. OF ACRES ASSIGNED TO THIS WELL 40		13. STATE NM	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		20. ROTARY OR CABLE TOOLS Rotary	
19. PROPOSED DEPTH 6100		22. APPROX. DATE WORK WILL START* October 30, 1981	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 7178 GL			

## 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	250	250 sks
7 7/8	4 1/2	10.5	6100	950 sks

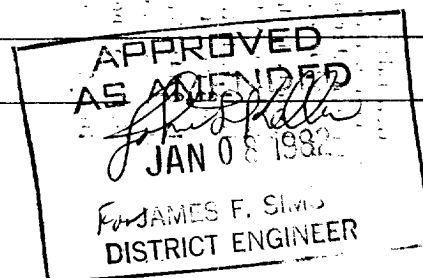
(See Attachments)

Gas under this lease is not dedicated to a contract.

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 Doug Harris TITLE Agent DATE 9/25/81  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

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

STATE OF NEW MEXICO  
OIL AND MINERALS DEPARTMENT

Operator, MESA PETROLEUM CO		Lease SOUTH BLANCO-NAVAJO 8		Well No. 2
Unit Letter B	Section 8	Township 23N	Range 7W	County Rio Arriba
Actual Footage Location of Wells: 750 feet from the North line and 1650 feet from the East line				
Ground Level Elev: 7131	Producing Formation GALLUP	Pool LYBROOK GALLUP	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 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.

750'

1650'

Sec.

8

**RECEIVED**  
 JAN 11 1982  
 OIL CON. COM.  
 DIST. 3

Scale: 1"=1000'

### CERTIFICATION

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

Name \_\_\_\_\_

Doug Harris

Position

Agent

Company

MESA PETROLEUM CO.

Date \_\_\_\_\_

September 24, 1981

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

September 9, 1981

Registered Professional Engineer  
and Land Surveyor.

Fred B. Ke. Jr	Jr
Certificate No.	CN