

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TWO COPIES
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-E1425.

30-015-21403

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL WELL ☒

GAS WELL ☐

OTHER

SINGLE ZONE ☐

MULTIPLE ZONE ☐

2. NAME OF OPERATOR

WESTALL - MASK

3. ADDRESS OF OPERATOR

DRAWER 1477, ROSWELL NM 88201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

1650 FROM SOUTH AND 1650 FROM EAST

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drilg. unit line, if any)

330'

16. NO. OF ACRES IN LEASE

120

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

1320'

19. PROPOSED DEPTH

4000

20. ROTARY OR CABLE TOOLS

ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

3640 GR

22. APPROX. DATE WORK WILL START*

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11'	8 5/8	20#	650	APPROX 225 SCKS TO CIRC.
7 7/8	5 1/2	14	APPROX 4000	

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

Jack Mask

TITLE CO-OWNER

DATE 10/1/74

(This space for Federal or State office use)

PERMIT NO.

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

THIS APPLICATION IS VALID FOR OPERATIONS
WITHIN 12 MONTHS
APPROVAL DATE: JAN 17 1975

DATE

*See Instructions On Reverse Side

Copy to SF

RECEIVED
OCT - 6 1974
U.S. GEOLOGICAL SURVEY
FEDERAL BUREAU OF RESEARCH

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

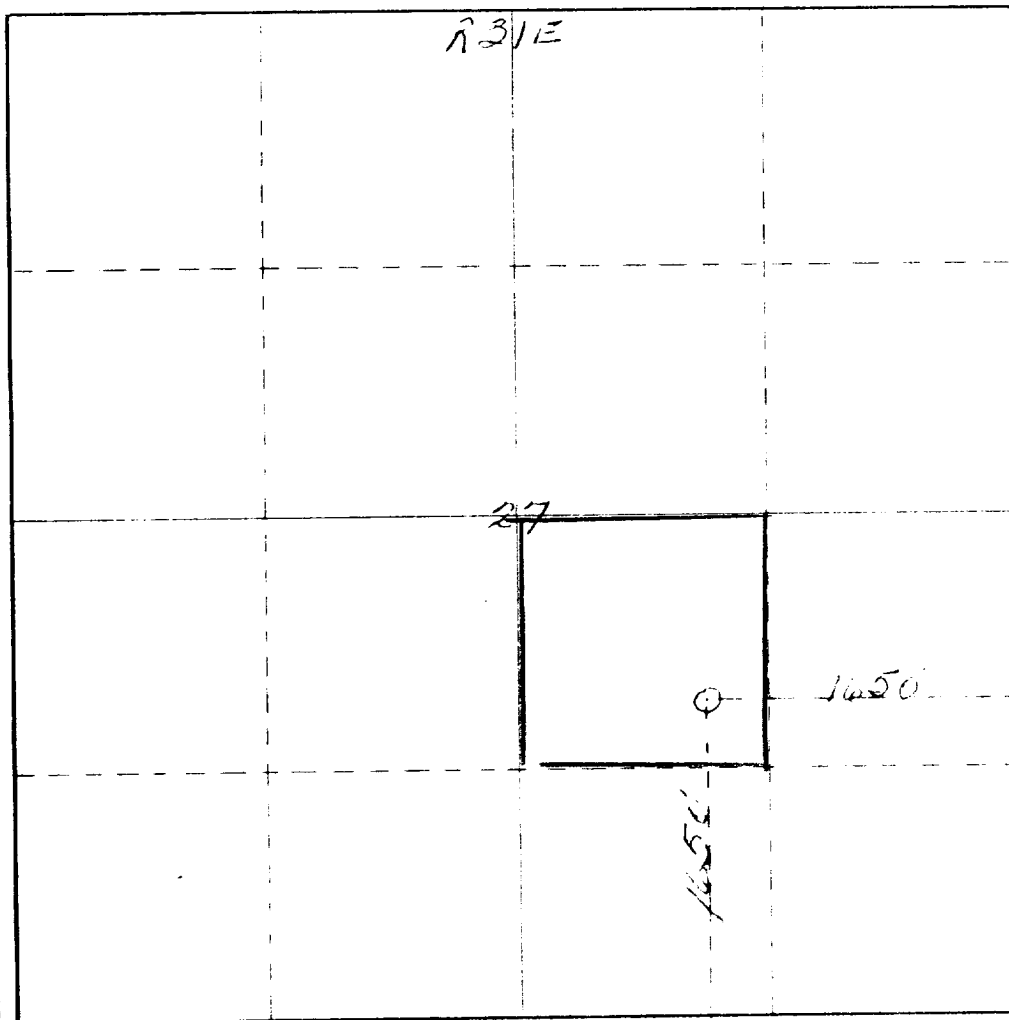
Operator <i>Westall-Mack</i>		Lease <i>Humphreys Federal</i>		Well No. <i>4</i>	
Tract Letter <i>J</i>	Section <i>27</i>	Township <i>18 South</i>	Range <i>31 East</i>	County <i>Eddy</i>	
Actual Footage Location of Well: <i>1650</i> feet from the <i>South</i> line and <i>1650</i> feet from the <i>East</i> line					
Ground Level Elev. <i>3640</i>	Drill Hole Elev. <i>Grayburg</i>	Depth <i>Hugert</i>	Estimated Acreage: <i>40</i>		

1. Outline the 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 (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 obtained herein is true and complete to the best of my knowledge and belief.

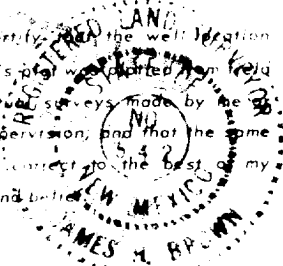
Jack Mack

Bo - assumed

Westall - Mack

10/7/74

I hereby certify that the well location shown on this plat was reported 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.



September 25, 1974

James H. Brown
542

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PLAN OF DEVELOPMENT

HINKLE "B" FEDERAL # 3

THE ATTACHED PLATS SHOW INFORMATION REQUESTED IN ITEMS NO 1, 2, 3, 4, 5, AND 10.

NO. 6 WATER SUPPLY WILL BE OBTAINED FROM I & W INC.

NO. 7, WASTE DISPOSAL WILL BE HANDLED BY CIRCULATING AND TREATING FACILITIES INSTALLED AT THE PROPOSED TANK BATTERY. ALL DRILLING WASTE WILL BE BURIED 24" BELOW THE SURFACE.

NO. 8. THERE ARE NO CAMPS IN THIS VICINITY

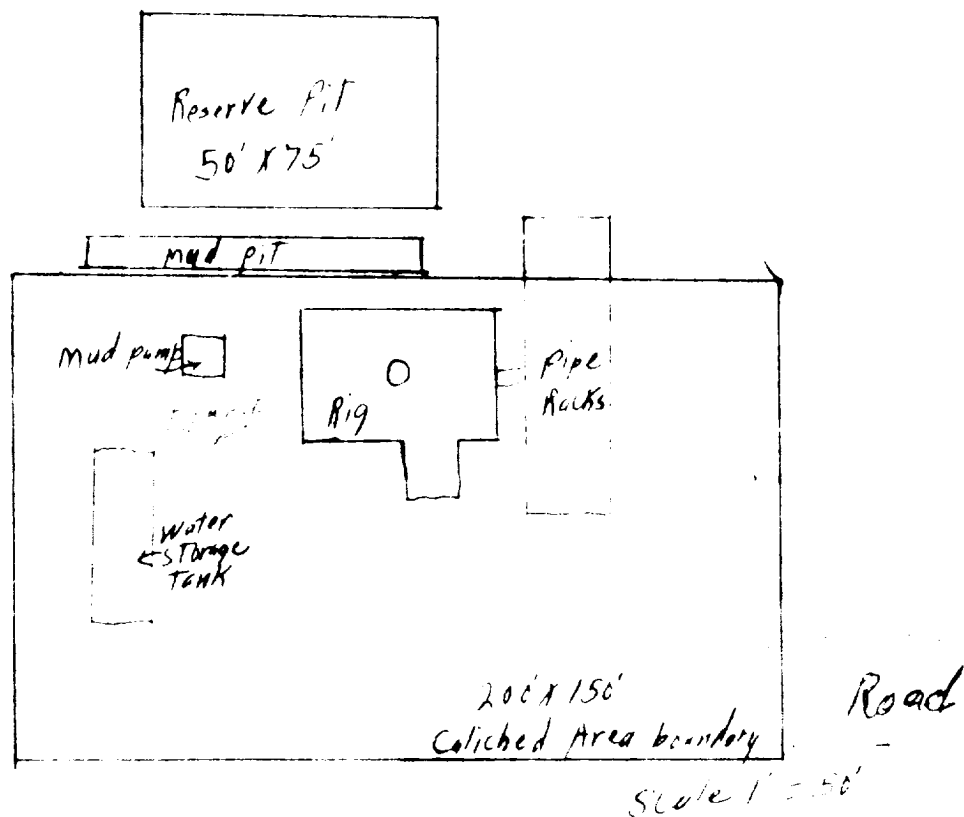
NO. 9 THERE ARE NO AIRSTRIPS IN THIS VICINITY.

NO. 11. AFTER COMPLETION OF WELL, ALL PITS ARE TO BE FILLED AND LEVELLED AND RETURNED TO AS NEAR NORMAL CONDITION AS REASONABLY POSSIBLE.

NO. 12. MUD PROGRAMS - WE WILL USE FRESH WATER TO 650' AND THEN USE SALT GEL TO TOTAL DEPTH.

BLOWOUT PREVENTER WILL BE DOUBLE MANUAL (SHAEFFER) F.O.P. WITH 3000# TEST.

[Faint handwritten notes and signatures are visible in the bottom right corner of the page.]



Development Plan for Surface Use

Westall + Moser Res well & Area

HINKLE FEDERAL # 4 J

LOCATED 1650' FROM SOUTH LINE AND 1650' FROM EAST LINE
SECTION 27, T. 18 S, R 31 E, N.M.P.M. EDDY COUNTY

SHENANDOAH to 4500'

AMOCO below 4500'

KEOHANE-WELCH-SAUNDERS-IVERSON to 4500'
LC 029392

HINKLE-B



27

26

T. WELCH et. al.

PAN AMERICAN-BUFFALO
GREENWOOD UNIT
BELOW-4500'

SILURIAN

HINKLE-B

T. WELCH et. al.

HINKLE-B

HINKLE-B

HINKLE-A

CARPER DAILY CO

HINKLE-A

HINKLE-A

HINKLE-B

KEOHANE-SAUNDERS

QUILLEN
PLEMONS

KEOHANE
WESTALL

KEOHANE-WESTALL-MASK-JENNINGS

2695
LC 058008
MR FADDEN

MR FADDEN

STATE

STATE