

BLM - CARLSBAD

SUBMIT IN TRIPPLICATE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 1004-0136  
Expires August 31, 1985

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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M-11

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.

NM-37855

IF INDIAN ALLIANCE OR TRIBE NAME

12 10 59 AM '89

7. UNIT AGREEMENT, TERMS

HEADQUARTERS

8. FARM OR LEASE NAME

Jack Tank "6" Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T. R. M., OR BLK. AND SURVEY OR AREA

Sec. 6-T24S-R32 E

12. COUNTY OR PARISH

Lea

13. STATE

New Mexico

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

MUSSELMAN OWEN & KING

3. ADDRESS OF OPERATOR

507 N. Marienfeld Midland, TX 79701

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

At surface

1980' FNL & 330' FEL

At proposed prod. zone

same

H. SENE

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

30 miles southeast of Loving, NM

10. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)

330'

16. NO. OF ACRES IN LEASE

480

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.

None

19. PROPOSED DEPTH

5,000'

20. ROTARY OR CABLE TOOLS

Rotary

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

3582.7

22. APPROX. DATE WORK WILL START\*

September 28, 1989

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#	400'	300 sx "C" & HL Circ. to surface
7 7/8"	4 1/2"	10.5#	5000'	400 sx "C" (see slips)

Mud Program:

- 0' - 400' Spud mud & native mud, mud wt. 9.0, Vis. 35, no W/L control.
- 400' - 5000' Cut brine native mud, mud wt. 10.0, Vis. 29, no W/L control.

BOP Program: Will install a 3000 psi wp hydraulic double BOP (W/blind rams and pipe rams). Will test daily to 2,000 psi wp. No abnormal or excessive high pressures are expected in area to the 5,000 foot depth.

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 George R. Smith Agent for: Midland Phoenix Corp. DATE Sept. 1, 1989

(This space for Federal or State office use)

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

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE 9-29-89

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

Submit to Appropriate District Office  
 State Lease - 4 copies  
 Fee Lease - 3 copies

State of New Mexico  
 Energy, Minerals and Natural Resources Department

Form C-102  
 Revised 1-1-89

**OIL CONSERVATION DIVISION**

P.O. Box 2088  
 Santa Fe, New Mexico 87504-2088

DISTRICT I  
 P.O. Box 1980, Hobbs, NM 88240

DISTRICT II  
 P.O. Drawer DD, Artesia, NM 88210

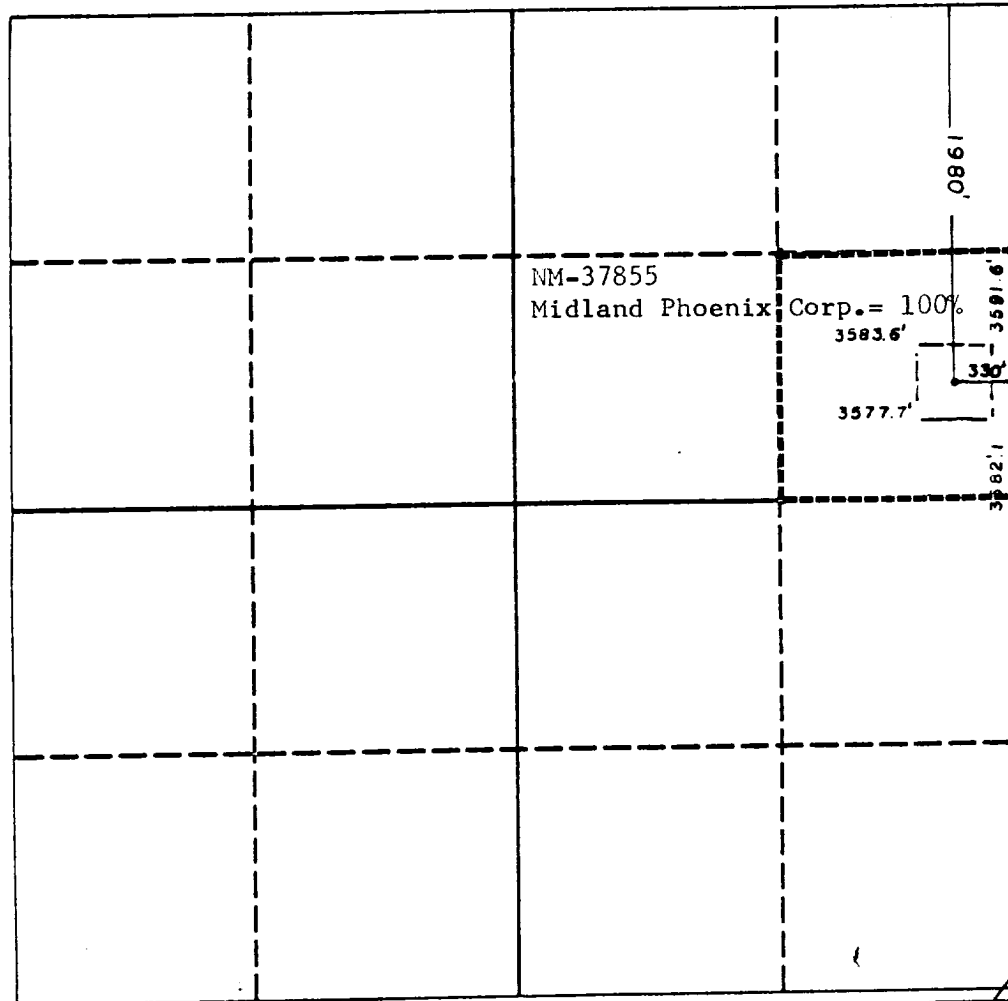
DISTRICT III  
 1000 Rio Brazos Rd., Aztec, NM 87410

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

All Distances must be from the outer boundaries of the section

Operator Midland Phoenix Corporation		Lease Jack Tank 6 Federal		Well No. 1
Unit Letter H	Section 6	Township 24 South	Range 32 East	County Lea
Actual Footage Location of Well: 1980 feet from the North line and 330 feet from the East line				
Ground level Elev. 3582.7	Producing Formation Ramsey	Pool Wildcat	Dedicated Acreage: 40 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hectare marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interest 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 interest, has been approved by the Division.



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

Signature: *George R. Smith*  
 Printed Name: George R. Smith  
 Position: Agent for:  
 Company: Midland Phoenix Corp.  
 Date: Sept. 1, 1989

**SURVEYOR CERTIFICATION**  
 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: August 24, 1989  
 Signature & Seal of Professional Surveyor: *John W. West*



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**OCT 2 1989**

**OCD  
HOBBS OFFICE**

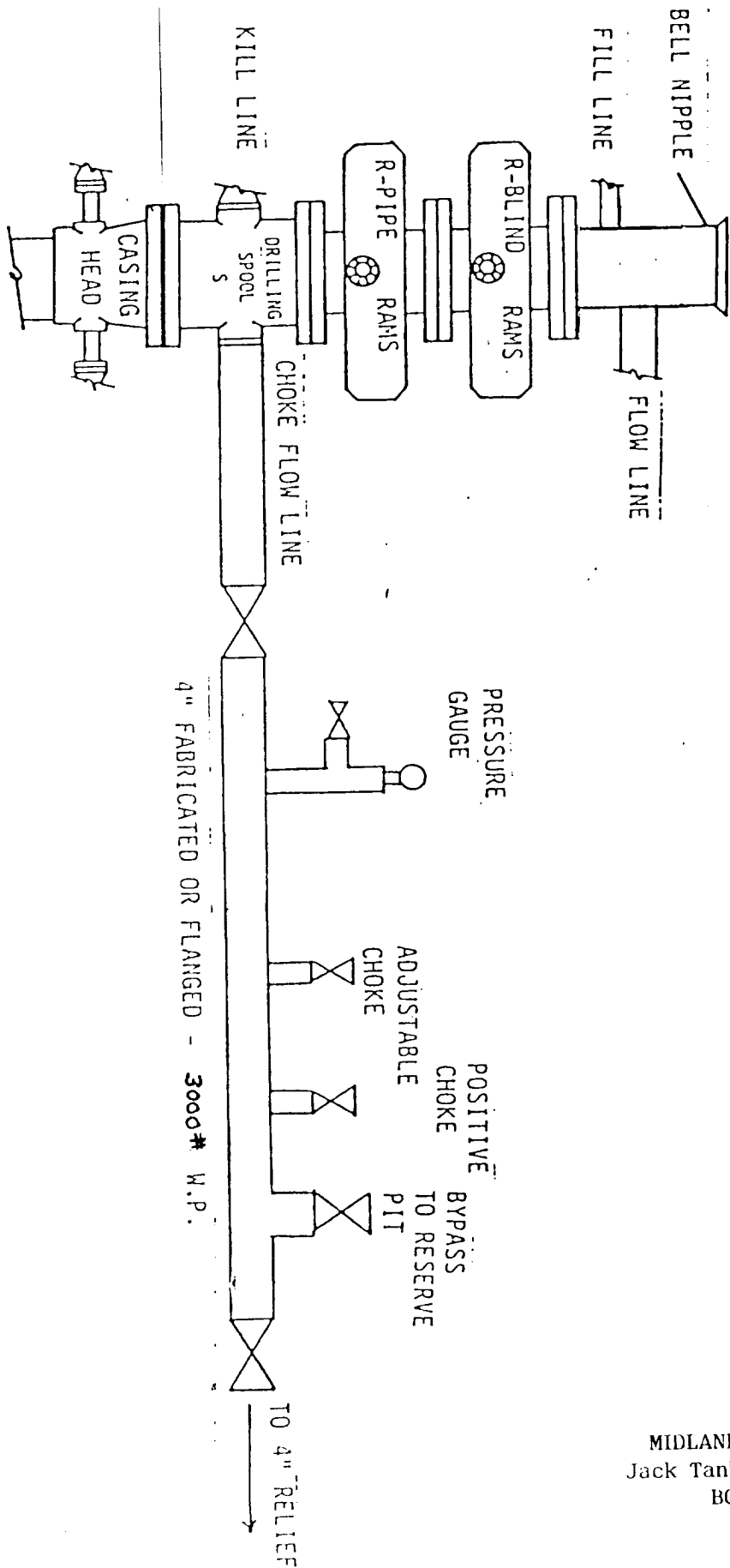


EXHIBIT "E"  
 MIDLAND PHOENIX CORPORATION  
 Jack Tank "6" Federal, Well No. 1  
 BOP Specifications

68-91-11 4004

ELF

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OCT 2 1989

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HOBBS OFFICE