

Submit to Appropriate  
District Office  
State Lease - 6 copies  
Fee Lease - 5 copies

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-101  
Revised 1-1-89

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

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

API NO. (assigned by OCD on New Wells) <b>30-025-31171</b>
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work: DRILL <input checked="" type="checkbox"/> RE-ENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		7. Lease Name or Unit Agreement Name  Shell State
b. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		
2. Name of Operator Owens Petroleum, Inc.		8. Well No. 1
3. Address of Operator P.O. Box 2911, Midland, Texas 79702		9. Pool name or Wildcat North Vacuum (Abo)
4. Well Location Unit Letter I : 1980 Feet From The South Line and 660 Feet From The East Line Section 18 Township 17-S Range 35-E Lea County		
10. Proposed Depth 9000'		11. Formation Abo
12. Rotary or C.T. Rotary		
13. Elevations (Show whether DF, RT, GR, etc.) 3986' Ground	14. Kind & Status Plug. Bond one-well	15. Drilling Contractor
16. Approx. Date Work will start 4/10/91		

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/2"	13 3/8"	48.0#	400'	sufficient to	circulate
11"	8 5/8"	24.0 - 32.0#	3600'	sufficient to	circulate
7 7/8"	5 1/2"	15.5 - 17.0#	9000'	sufficient to	tie-back

into intermediate casing.

A 17 1/2" hole will be drilled to 400' using fresh water. 13 3/8" casing will be set and cemented to surface. Drill out with 11" bit to 3600' using 10 ppg saturated brine water to minimize washout thru salt section. Set 3600' of 8 5/8" casing with sufficient cement to circulate to surface.

A 7 7/8" hole will then be drilled to 9000' PTD. Cut brine will be used to 8500', MW - 8.6 to 8.8 ppg. At 8500' the system will be mudded up with Drispac and XC polymer for fluid loss of 15cc or less.

If commercial shows are present, 5 1/2" production casing will be set at 9000' and cemented back into the intermediate casing. If dry hole, proper plugs will be set as directed by the N.M.O.C.D.

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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

SIGNATURE Kenneth R. Owens TITLE President DATE 2/12/91  
TYPE OR PRINT NAME Kenneth R. Owens TELEPHONE NO. (915)683-4627

(This space for State Use)

Certified by  
Paul Kautz  
Geologist

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

Permit Expires 6 Months From Approval Date Unless Drilling Underway.

SEP 11 1991

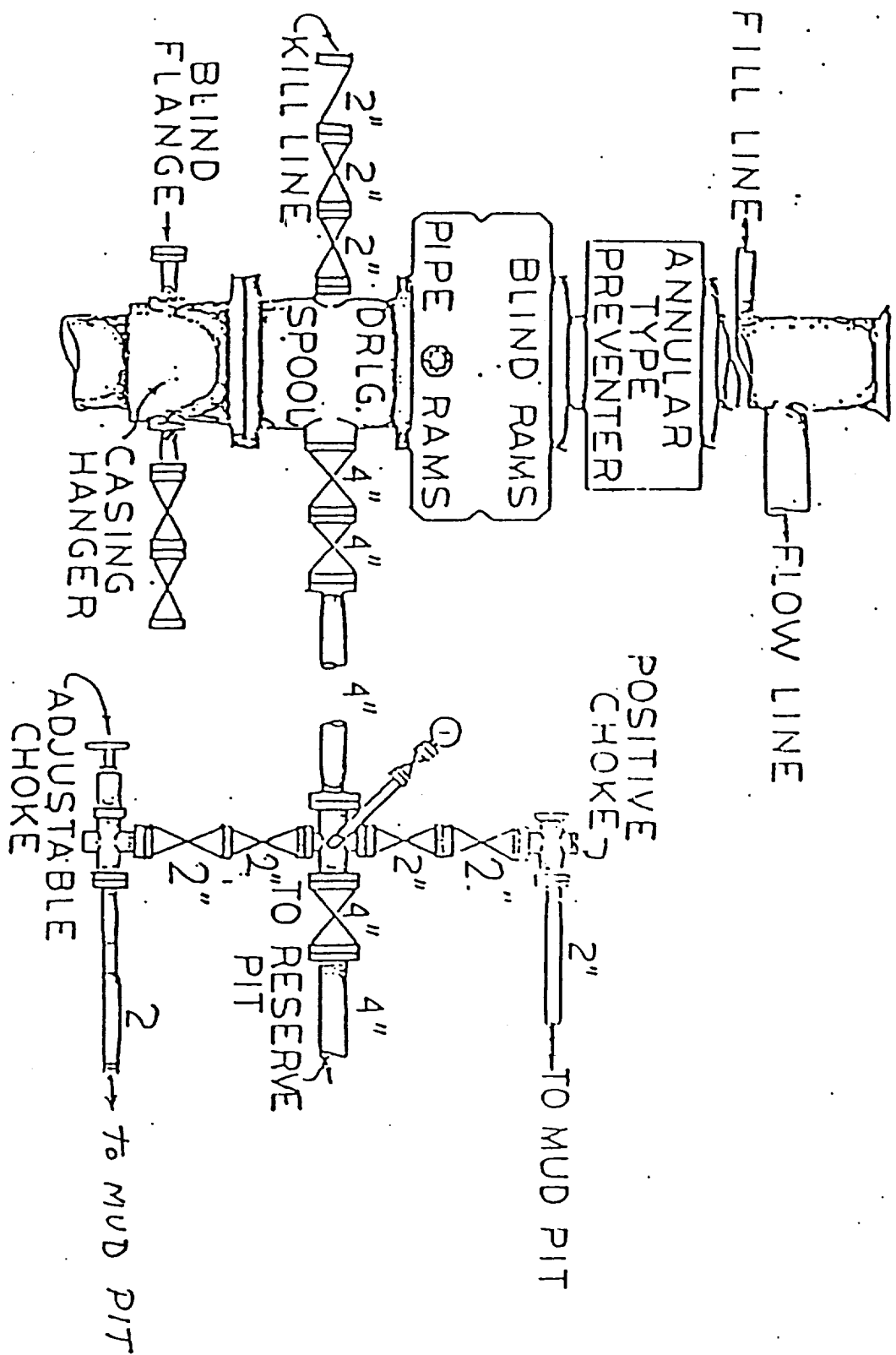
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SEP 11 1997

MOORE & BROWN

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FEB 14 1998

MOORE & BROWN



PT 100-445

FEB 14 1991

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SEP 14

1980

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Submit to Appropriate  
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Fee Lease - 3 copies

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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

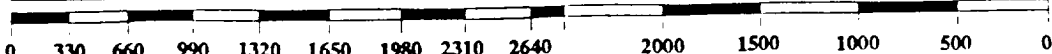
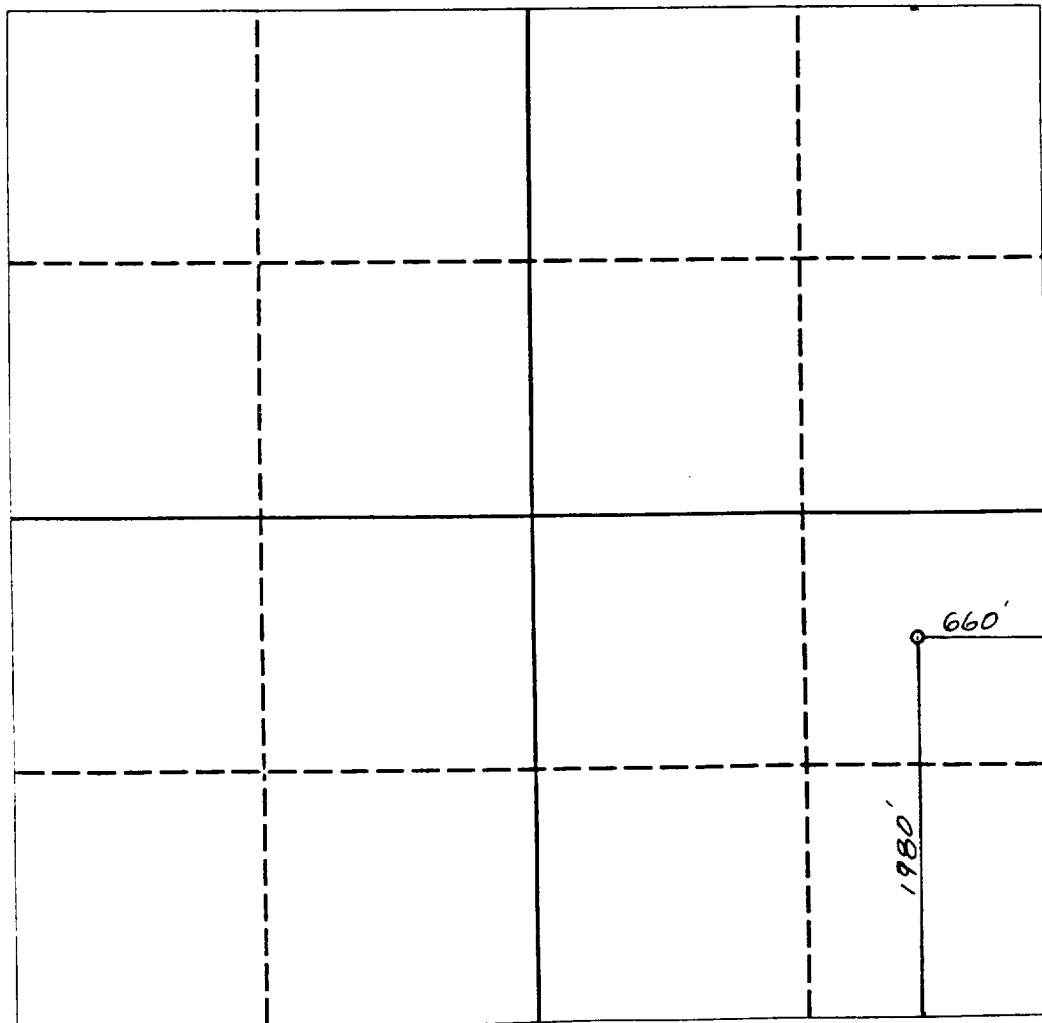
**DISTRICT III**  
1000 Rio Brazos Rd., Aztec, NM 87410

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

All Distances must be from the outer boundaries of the section

Operator <b>OWENS PETROLEUM INC.</b>			Lease <b>SHELL STATE</b>		Well No. <b>1</b>
Unit Letter <b>I</b>	Section <b>18</b>	Township <b>17 SOUTH</b>	Range <b>35 EAST</b>	County <b>LEA COUNTY, N.M.</b>	
Actual Footage Location of Well: <b>1980</b> feet from the <b>SOUTH</b> line and <b>660</b> feet from the <b>EAST</b> line					
Ground level Elev. <b>3986.</b>	Producing Formation <b>Abo</b>		Pool <b>North Vacuum (Abo)</b>		Dedicated Acreage: <b>80</b> Acres

- Outline the acreage dedicated to the subject well by colored pencil or hatchure 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 force-pooling  
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 in true and complete to the best of my knowledge and belief.

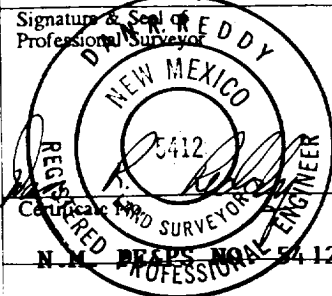
Signature  
*Kenneth R. Owens*  
Printed Name  
**Kenneth R. Owens**  
Position  
**President**  
Company  
**Owens Petroleum, Inc.**  
Date  
**8/29/91**

**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  
**FEBRUARY 7, 1991**

Signature & Seal of  
Professional Surveyor



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SEC  
POLICE OFFICE

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MOBILE

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