

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

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

API NO. (assigned by OCD on New Wells)	30-025-31702
5. Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.	B-2706
7. Lease Name or Unit Agreement Name	VACUUM GLORIETA WEST UNIT
8. Well No.	52
9. Pool name or Wildcat	VACUUM GLORIETA

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 VACUUM GLORIETA WEST UNIT
b. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER WATER INJECTION <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>	
2. Name of Operator TEXACO EXPLORATION AND PRODUCTION INC.	
3. Address of Operator P. O. Box 3109, Midland, Texas 79702	
4. Well Location Unit Letter N : 214 Feet From The SOUTH Line and 1630 Feet From The WEST Line Section 25 Township 17-SOUTH Range 34-EAST NMPM LEA County	
10. Proposed Depth 6300'	11. Formation GLORIETA/PADDOCK
12. Rotary or C.T. ROTARY	
13. Elevations (Show whether DF, RT, GR, etc.) GR-4005'	14. Kind & Status Plug. Bond BLANKET
15. Drilling Contractor TO BE SELECTED	16. Approx. Date Work will start SEPTEMBER 15, 1992

17. 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#	40'	REDI-MIX	SURFACE
11	8 5/8	24#	1550'	500	SURFACE
7 7/8	5 1/2	15.5#	6300'	1300	SURFACE

CEMENTING PROGRAM: CONDUCTOR - REDIMIX.

SURFACE CASING - 300 SX CLASS C w/ 4% GEL & 2% CaCl<sub>2</sub> (13.5ppg, 1.74cf/s, 9.1gw/s). F/B 200 SX CLASS C w/ 2% CaCl<sub>2</sub> (14.8ppg, 1.34cf/s, 6.3gw/s).

PRODUCTION CASING - 1st STG: 300 SX CLASS H w/ 1/4# FLOCELE (15.6ppg, 1.18cf/s, 5.2gw/s).

DV TOOL @ 5000' - 2nd STG: 750 SX 35/65 POZ CLASS H w/ 6% GEL, 5% SALT & 1/4# FLOCELE (12.8ppg, 1.94cf/s, 10.4gw/s). F/B 250 SX CLASS H w/ 1/4# FLOCELE (15.6ppg, 1.18cf/s, 5.2gw/s).

MARATHON OPERATES A WELL IN THIS QUARTER QUARTER SECTION AND HAS BEEN FURNISHED A COPY OF THIS APPLICATION.

UNORTHODOX LOCATION - EXCEPTION HAS BEEN REQUESTED (COPY ATTACHED).

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 C.P. Basham/cwH TITLE DRILLING OPERATIONS MANAGER DATE 09-02-92  
TYPE OR PRINT NAME C. P. BASHAM TELEPHONE NO. (915) 688-4620

(This space for State Use)

Orig. Signed by  
Paul Kautz  
Geologist

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE 007 1-89

CONDITIONS OF APPROVAL, IF ANY:

Permit Expires 6 Months From Approval  
Date Unless Drilling Underway.

NSL R-9714 as amended

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

DISTRICT I  
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Santa Fe, New Mexico 87504-2088

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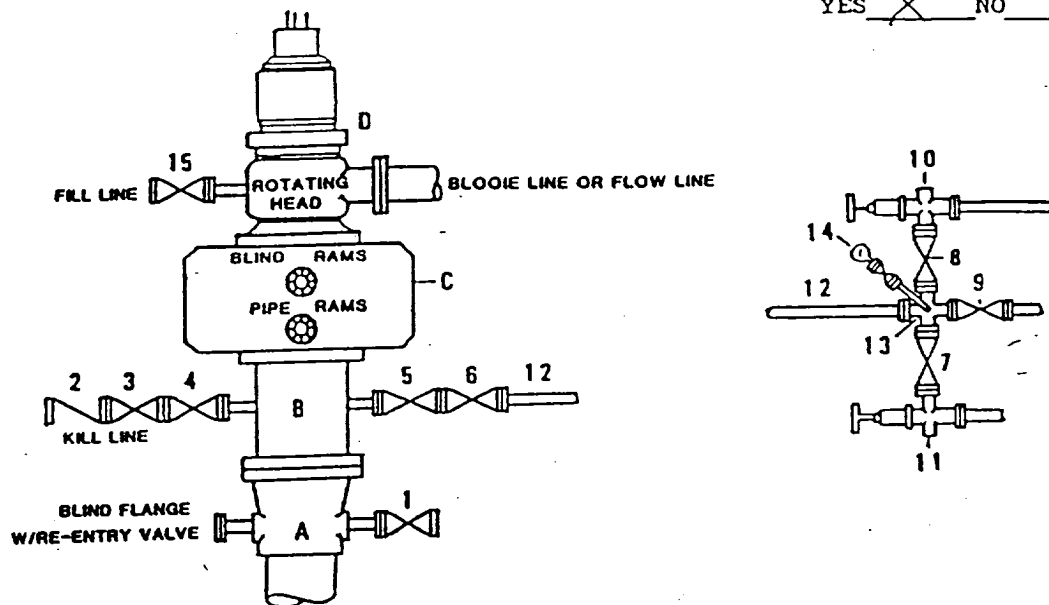
WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator <b>TEXACO EXPL. AND PROD. Inc.</b>			Lease <b>VACUUM GLORIETA WEST UNIT</b>		Well No. <b>52</b>
Unit Letter <b>N</b>	Section <b>25</b>	Township <b>17-South</b>	Range <b>34-East</b>	County <b>Lea</b>	
Actual Footage Location of Well: <b>214</b> feet from the <b>South</b> line and <b>1630</b> feet from the <b>West</b> line					
Ground level Elev. <b>4005</b>	Producing Formation <b>Glorieta; Paddock</b>		Pool <b>Vacuum Glorieta Pool</b>		Dedicated Acreage: <b>40</b> Acres
<p>1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.</p> <p>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).</p> <p>3. 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.? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If answer is "yes" type of consolidation <u>Unitization</u></p> <p>If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)</p> <p>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.</p>					
					<p><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p>Signature <i>Royce D. Mariott</i></p> <p>Printed Name <b>Royce D. Mariott</b></p> <p>Position <b>Division Surveyor</b></p> <p>Company <b>Texaco Expl. &amp; Prod.</b></p> <p>Date <b>September 2, 1992</b></p>
<p><b>SURVEYOR CERTIFICATION</b></p> <p>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.</p> <p>Date Surveyed <b>August 27, 1992</b></p> <p>Signature &amp; Seal of Professional Surveyor <i>John S. Piper</i></p> <p>Certificate No. <b>7254 J.S. Piper</b></p>					

**DRILLING CONTROL  
CONDITION II-B 3000 WP  
FOR AIR DRILLING OR  
WHERE NITROGEN OR AIR BLOWS ARE EXPECTED**

H<sub>2</sub>S TRIM REQUIRED  
YES ☒ NO ☐



**DRILLING CONTROL**

**MATERIAL LIST - CONDITION II - B**

- |            |   |
|------------|---|
| A          | Texaco Wellhead   |
| B          | 3000# W.P. drilling spool with a 2" minimum flanged outlet for kill line and 3" minimum flanged outlet for choke line.  |
| C          | 3000# W.P. Dual ram type preventer, hydraulic operated with 1" steel, 3000# W.P. control lines (where sub-structure height is adequate, 2 - 3000# W.P. single ram type preventers may be utilized). |
| D          | Rotating Head with fill up outlet and extended Bloopie Line.  |
| 1,3,4,7,8, | 2" minimum 3000# W.P. flanged full opening steel gate valve, or Halliburton Lo Torc Plug valve.   |
| 2          | 2" minimum 3000# W.P. back pressure valve.  |
| 5,6,9      | 3" minimum 3000# W.P. flanged full opening steel gate valve, or Halliburton Lo Torc Plug valve.   |
| 12         | 1" minimum schedule 80, Grade "B", seamless line pipe.  |
| 13         | 2" minimum x 3" minimum 3000# W.P. flanged cross.   |
| 10,11      | 2" minimum 3000# W.P. adjustable choke bodies.  |
| 14         | Cameron Mud Gauge or equivalent ( location optional in choke line).   |
| 15         | 2" minimum 3000# W.P. flanged or threaded full opening steel gate valve, or Halliburton Lo Torc Plug valve.   |



TEXACO, INC.  
MIDLAND DIVISION  
MIDLAND, TEXAS



SCALE	DATE	EST. NO.	DRG. NO.
DRAWN BY			
CHECKED BY			
APPROVED BY			

EXHIBIT C