

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)  
30-025-31843

5. Indicate Type of Lease  
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.  
B-155-6

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work:  
DRILL ☒ RE-ENTER ☐ DEEPEN ☐ PLUG BACK ☐  
b. Type of Well:  
OIL WELL ☐ GAS WELL ☐ OTHER WATER INJECTION ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐

7. Lease Name or Unit Agreement Name  
VACUUM GLORIETA WEST UNIT

2. Name of Operator  
TEXACO EXPLORATION AND PRODUCTION INC.

8. Well No.  
95

3. Address of Operator  
P. O. Box 3109, Midland, Texas 79702

9. Pool name or Wildcat  
VACUUM GLORIETA

4. Well Location  
Unit Letter J : 1534 Feet From The SOUTH Line and 1521 Feet From The EAST Line  
Section 36 Township 17-SOUTH Range 34-EAST NMPM LEA County

10. Proposed Depth  
6283'  
11. Formation  
GLORIETA/PADDOCK  
12. Rotary or C.T.  
ROTARY

13. Elevations (Show whether DF, RT, GR, etc.)  
GR-3990'  
14. Kind & Status Plug Bond  
BLANKET  
15. Drilling Contractor  
TMBR/SHARP  
16. Approx. Date Work will start  
JANUARY 10, 1993

17. PROPOSED CASING AND CEMENT PROGRAM					
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
14 3/4	11 3/4	42#	1550'	840	SURFACE
11	8 5/8	32#	3000'	1000	SURFACE
7 7/8	5 1/2	15.5# & 17#	6283'	1350	SURFACE

CEMENTING PROGRAM:

SURFACE CASING - 560 SX CLASS C w/ 4% GEL & 2% Cacl2 (13.5ppg, 1.74cf/s, 9.1gw/s). F/B 280 SX CLASS C w/ 2% Cacl2 (14.8ppg, 1.34cf/s, 6.3gw/s).

INTERMEDIATE CASING - 1st STG: 300 SX 35/65 POZ CLASS H w/ 6% GEL, 5% SLAT, 1/4# FLOCELE (12.8ppg, 1.94cf/s, 10.4gw/s). F/B 200 SACKS CLASS H w/ 2% Cacl2 (15.6ppg, 1.19cf/s, 5.2gw/s). DV TOOL @ 1580'. 2nd STG: 500 SX CLASS H w/ 2% Cacl2 (15.6ppg, 1.19cf/s, 5.2gw/s).

PRODUCTION CASING - 1st STG: 350 SX CLASS H (15.6ppg, 1.18cf/s, 5.2gw/s). DV TOOL @ 5000' - 2nd STG: 900 SX 35/65 POZ CLASS H w/ 6% GEL, 5% SALT & 1/4# FLOCELE (12.8ppg, 1.94cf/s, 10.4gw/s). F/B 100 SX CLASS H (15.6ppg, 1.18cf/s, 5.2gw/s).

THERE ARE NO OTHER OPERATORS IN THIS QUARTER QUARTER SECTION.

UNORTHODOX LOCATION - GRANTED UNDER ORDER No. R-9714. LOCATION WAS MOVED BECAUSE OF A PIPELINE. APPROVAL FOR THE AMENDED LOCATION HAS BEEN FILED IN SANTA FE. (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 / cwt TITLE DRILLING OPERATIONS MANAGER DATE 12-21-92

TYPE OR PRINT NAME C. P. BASHAM TELEPHONE NO. (915) 688-4621

(This space for State Use)

APPROVED BY ORIGINAL SIGNED BY JERRY SEXTON DATE JAN 22 1993  
SIGT/SGT I SUPERVISOR

CONDITIONS OF APPROVAL, IF ANY:

Permit Expires 6 Months From Approval  
Date Unless Drilling Underway.

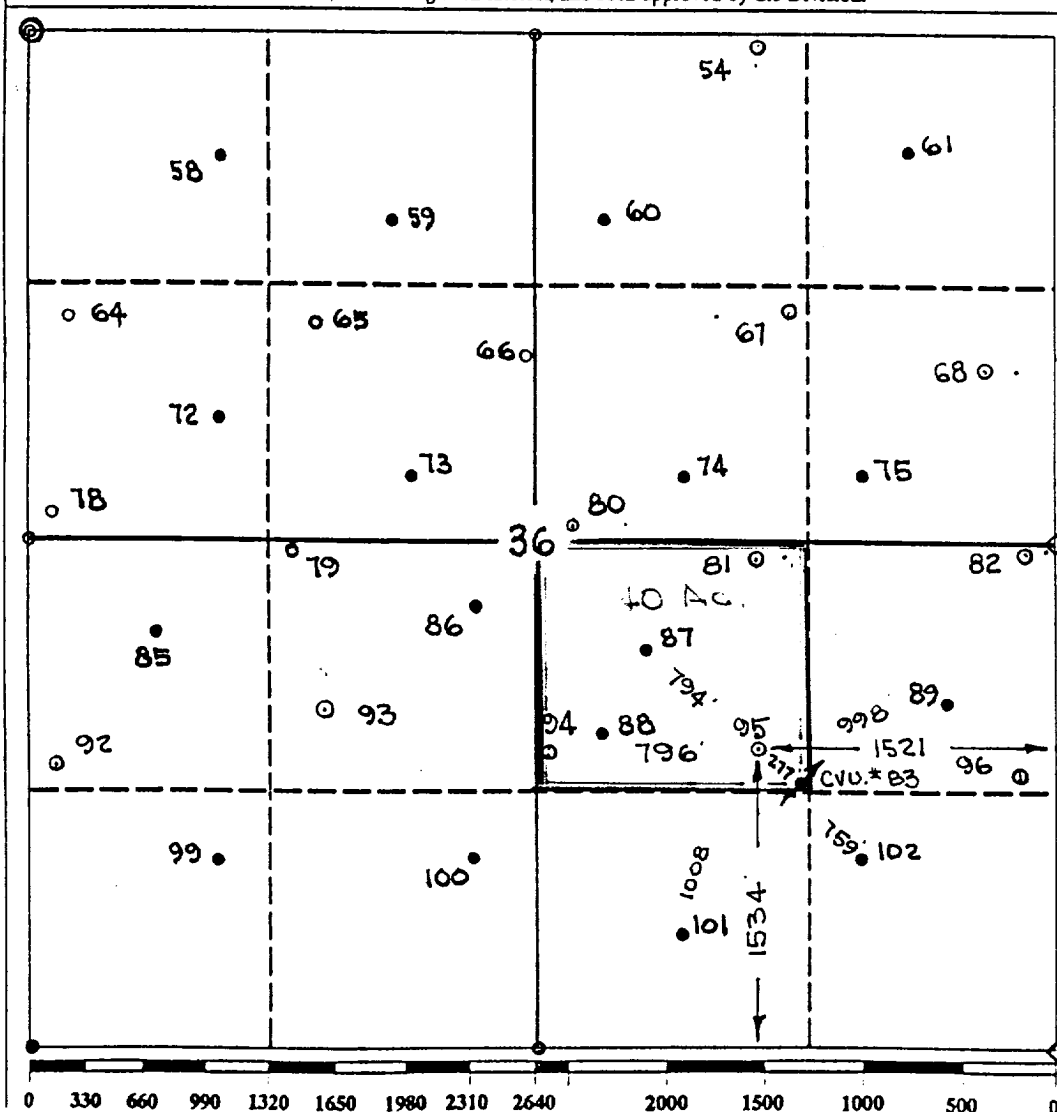
**P.O. Box 2088  
Santa Fe, New Mexico 87504-2088**

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

**All Distances must be from the outer boundaries of the section**

Operator TEXACO EXPL. AND PROD. Inc.			Lease VACUUM GLORIETA WEST UNIT		Well No. 95
Unit Letter J	Section 36	Township 17-South	Range 34-East	County Lea	NMPM
Actual Footage Location of Well: 1534 feet from the South line and 1521 feet from the East line					
Ground level Elev. 3990	Producing Formation Glorieta; Paddock		Pool Vacuum Glorieta Pool		Dedicated Acreage: 40 Acres

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 interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?  
☒ Yes      ☐ No      If answer is "yes" type of consolidation      Unitization
- 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.



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

Signature Roy D. Naisel  
Printed Name \_\_\_\_\_


Royce D. Mariott
Position
Division Surveyor
Company
Texaco Expl. & Prod.
Date
December 10, 1992

### 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.

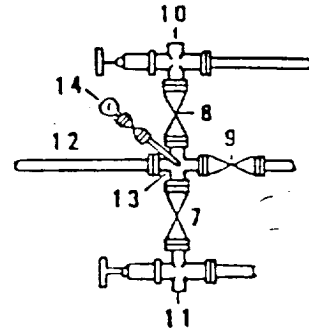
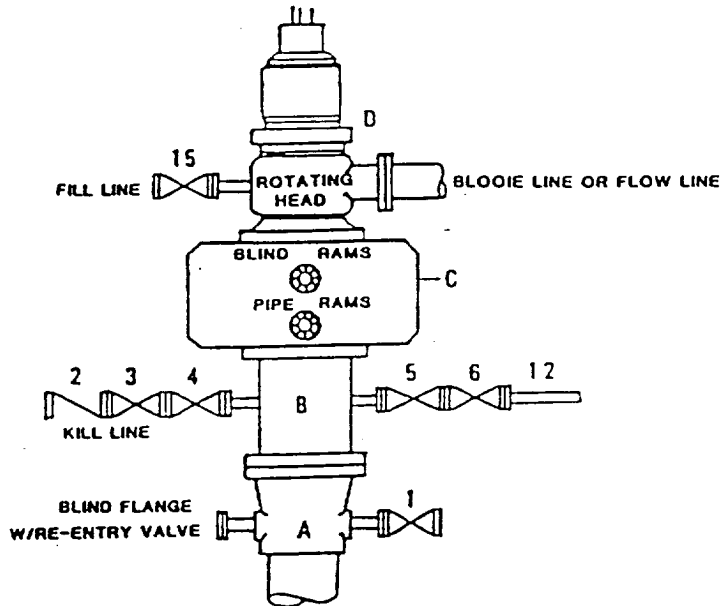
Date Surveyed  
December 7, 1992

Signature & Seal of  
Professional Surveyor

  
Certificate No. 7254 John S. Piper

**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 X 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 substructure height is adequate, 2 - 3000# W.P. single ram type preventers may be utilized). |
| D          | Rotating Head with fill up outlet and extended Blooe 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.   |
| 5,6,12     | 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			

EXHIBIT C



Texaco USA  
Producing Department  
Midland Division

PO Box 3109  
Midland TX 79702-3109

December 21, 1992

GOV - STATE AND LOCAL GOVERNMENTS

Unorthodox Locations

Vacuum Glorieta West Unit  
Well Nos. 42, 81, 95, and 96  
Lea County, New Mexico

State of New Mexico  
Energy and Minerals Department  
Oil Conservation Division  
P. O. Box 2088  
Santa Fe, New Mexico 87501-2088

Attention: Mr. Michael E. Stogner

Gentlemen:

Texaco Exploration and Production Inc. respectfully submits, for administrative approval, amended drilling locations for the captioned injection wells under Order No. R-9714.

Well Nos. 81 and 95 were moved because of pipelines. Well No. 96 was moved because of an electric line. Well No. 42, permitted December 4, 1992, had to be moved because an electric line.

Attached are Forms C-102 and a "detail" drawing showing the amended locations for each well.

Yours very truly,

*C.P. Basham /cwh*

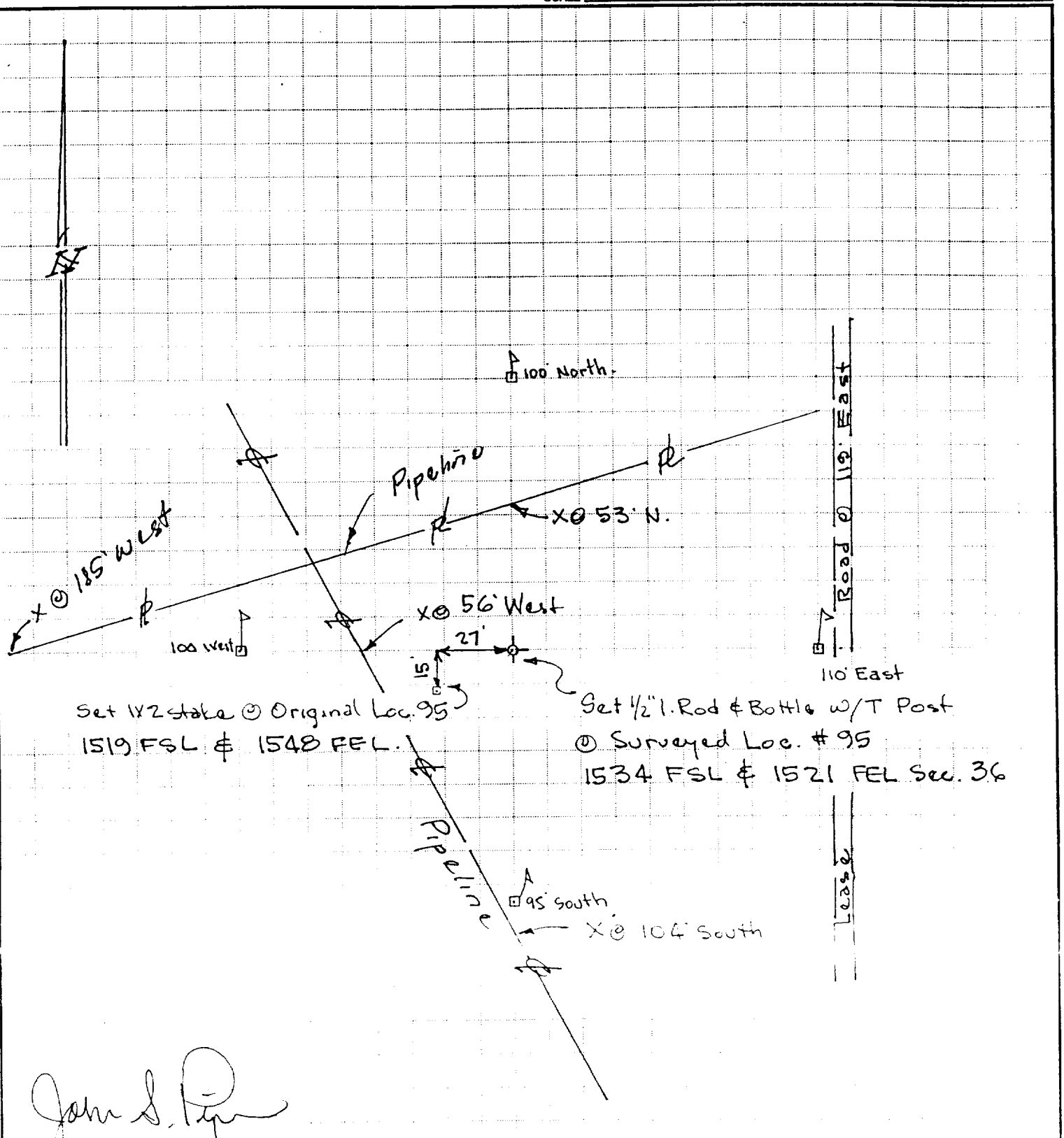
C. P. Basham  
Drilling Operations Manager

CWH:cwh

11/22/92, P. O. Box 1630, Hobbs, NM 88240

PIPER SURVEYING COMPANY  
P.O. Box 60432  
MIDLAND, TEXAS 79711  
(915) 550-7810

SHEET NO. 1 OF 2  
CALCULATED BY O. Flores DATE 12/14/92  
CHECKED BY J.S. Piper DATE 12/14/92  
SCALE 1"=50 Feet

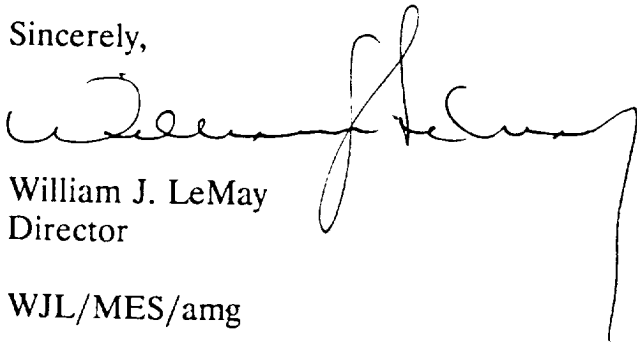


Texaco Exploration and Production  
Attention: C. P. Basham  
January 15, 1993  
Page 2

<u>Lease Name</u>	<u>Corrected Footage Location</u>	<u>U-L-S-T-R</u>	<u>VGWU Well No.</u>
Swiggart	2520' FSL - 153' FEL	I-25-17S-34E	31
NM "N" State	1114' FSL - 41' FWL	M-30-17S-35E	42
NM "Q" State	51' FNL - 1588' FEL	B-36-17S-34E	54
NM "N" State	146' FSL - 128' FEL	P-25-17S-34E	55
NM "O" State	2521' FSL - 1503' FEL	J-36-17S-34E	81
NM "O" State NCT-1	1534' FSL - 1521' FEL	J-36-17S-34E	95
NM "O" State NCT-1	1427' FSL - 183' FEL	I-36-17S-34E	96

All other provisions of said Order No. R-9714 shall remain in full force and effect until further notice.

Sincerely,



William J. LeMay  
Director

WJL/MES/amg

cc: Oil Conservation Division - Hobbs ✓  
File: Case No. 10516  
Oil Conservation Division - Michael E. Stogner  
Oil Conservation Division - David R. Catanach