

DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

P.O. Box 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

WELL API NO.	30-025-33333
5. Indicate Type of Lease	STATE ☒ FEE ☐
6. State Oil / Gas Lease No.	
7. Lease Name or Unit Agreement Name	CENTRAL VACUUM UNIT
8. Well No.	179
9. Pool Name or Wildcat	

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT (FORM C-101) FOR SUCH PROPOSALS.	
1. Type of Well:	OIL WELL ☒ GAS WELL ☐ OTHER ☐
2. Name of Operator	TEXACO EXPLORATION & PRODUCTION INC.
3. Address of Operator	P.O. Box 46510, Denver Colorado 80201-6510
4. Well Location	Unit Letter <u>L</u> 1997 Feet From The <u>SOUTH</u> Line and <u>1263</u> Feet From The <u>WEST</u> Line Section <u>36</u> Township <u>17-S</u> Range <u>34-E</u> NMPM <u>LEA</u> COUNTY
10. Elevation (Show whether DF, RKB, RT, GR, etc.)	3999'

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
 TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
 PULL OR ALTER CASING ☐
 OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
 COMMENCE DRILLING OPERATION ☐ PLUG AND ABANDONMENT ☐
 CASING TEST AND CEMENT JOB ☐
 OTHER: ☒ SPUD, SURF. CSG, PRODUCTION CSG.

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

- NABORS RIG #467 SPUD 11 INCH HOLE @ 4:30 PM 04-03-96. DRILLED TO 1545' TD @ 4:45 PM 04-05-96.
- RAN 34 JOINTS OF 8 5/8 INCH, 24#, WC-50, STC CASING SET @ 1545'. RAN 12 CENTRALIZERS.
- DOWELL CEMENTED WITH 400 SACKS CLASS C W/ 4% GEL, 2% CACL2 (13.5 PPG, 1.74 CF/S), F/B 150 SACKS CLASS C W/ 2% CACL2 (14.8 PPG, 1.34 CF/S). PLUG DOWN @ 2:30 AM 04-05-96. CIRCULATED 100 SACKS.
- NU BOP & TESTED TO 1000#. TESTED CASING TO 1000# FOR 30 MINUTES FROM 11:30 PM TO 12:00 PM 04-05-96.
- WOC TIME 8 HOURS FROM 1:30 AM TO 11:30 PM 04-05-96. REQUIREMENTS OF RULE 107, OPTION 2:
 - VOLUME OF CEMENT SLURRY: LEAD 696 (CU. FT.), TAIL 201 (CU. FT.)
 - APPROX. TEMPERATURE OF SLURRY WHEN MIXED: 50 F.
 - EST. FORMATION TEMPERATURE IN ZONE OF INTEREST: 90 F.
 - EST. CEMENT STRENGTH AT TIME OF CASING TEST: 817 PSI.
 - ACTUAL TIME CEMENT IN PLACE PRIOR TO TESTING: 9 HOURS.
- DRILLING 7 7/8 INCH HOLE.
- DRILLED 7 7/8 INCH TO 4850'. TD @ 12:00 AM 04-10-96.
- RU LOGGERS. RN PLATFORM EXPRESS (LITHO-DENSITY/COMPENSATED NEUTRON/DLL/MICRO-SFL/BOREHOLE COMPENSATED/SONIC GAMMARAY/CAL FROM 4850-200'.
- RAN 112 JOINTS (4836') OF 5 1/2 INCH, 15.5#, K-55, LTC CASING SET @ 4850'.
- DOWELL CEMENTED W/ 900 SACKS 35/65 POZ CLASS H W/ 6% GEL, 5% SALT, 1/4# FLOCELE (12.8 PPG, 1.94 CF/S), F/B 100 SACKS CLASS H NEAT (15.6 PPG, 1.18 CF/S). PLUG DOWN @ 12:15 AM 04-11-96. CIRCULATED 167 SACKS.
- ND. RELEASE RIG @ 6:00 AM 04-11-96.
- PREP TO COMPLETE.

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

SIGNATURE C.P. Basham / SRH TITLE Eng. Assistant

DATE 4/16/96

TYPE OR PRINT NAME Sheilla D. Reed-High

Telephone No. (303)621-4851

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON

APPROVED

DISTRICT I SUPERVISOR

CONDITIONS OF APPROVAL, IF ANY

TITLE

DATE

APR 19 1996

Schlumberger**Dowell****CemDABE Cement Test Report**

April 10, 1996

DATE OF TEST : 10-apr-1996

TEST NUMBER : NPD625700001

CUSTOMER : TEXACO
FIELD : LEA NM
WELL : C V U 179

CEMENT

Class : H
Blend : 3565
Brand : LONESTAR
Plant : MARYNEAL

BASE FLUID

Density : 8.32 lb/gal
Volume : 10.46 gal/sk
Type : LO
Total liquid : 10.46 gal/sk

SLURRY

Density : 12.80 lb/gal
Yield : 1.94 ft³/sk

B.H.S.T. : 115.0 F
B.H.C.T. : 104.0 F

ADDITIVES		
Code	Concent.	Unit
D020	6.000	% BWOC
D029	0.250	% BWOC
D044	5.000	% BWOW

Rheometer type : Fann 35
Spring factor : 1.0
Bob No : 1
Rotor No : 1

Rheological model (Dial 1) : Bingham Plastic

 $T_y : 20.410 \text{ lbf}/100 \text{ ft}^2$ $P_v : 9.038 \text{ cP}$

Correlation coefficient : 0.982

Thickening Time : 8 hr 8 mn to 70 BC

API Schedule :

Set condition :

Consistometer serial number :

No Fluid Loss data available

No Free Water data available

Rheological data		
Temp. (F) :	75.0	0.0
R.P.M.	Dial 1	Dial 2
300.0	29.0	0.0
200.0	27.0	0.0
100.0	23.0	0.0
60.0	0.0	0.0
30.0	0.0	0.0
6.0	19.0	0.0
3.0	14.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
10 minutes Gel : 0.0		

Compressive strength		
PSI	Hours	Temp. (F)
200	6.0	115.0
350	12.0	115.0
500	24.0	115.0

Comment :

FIELD BLEND

35/65POZ/H + 6%D20 + 5%D44(BWOW) + 0.25%D29

LOCATION WATER USED

LONG STRING LEAD 4850' POD = 4:57