

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.	30-025-33332
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.	178
9. Pool Name or Wildcat	GRAYBURG/SAN ANDRES

SUNDY 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 PERMI (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>K</u> : <u>1993</u> Feet From The <u>SOUTH</u> Line and <u>2585</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.)	3996'

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, PROD 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 SPUD 11 INCH HOLE @ 12:00 AM 04-13-96. DRILLED TO 1500'. TD @ 7:45 AM 04-13-96.
- RAN 38 JOINTS OF 8 5/8 INCH, 24#, WC-50, STC CASING SET @ 1550'. RAN 10 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 @ 10:45 PM 04-13-96. DID NOT CIRCULATE CMT.
- NU BOP & TESTED TO 1000#. TESTED CASING TO 1000# FOR 30 MINUTES FROM 6:30 PM TO 7:00 PM 04-14-96.
- WOC TIME 19-3/4 HOURS FROM 10:45 PM 04-13-96 TO 6:30 PM 04-14-96
- DRILLING 7 7/8 INCH HOLE.
- DRILLED 7 7/8 INCH HOLE TO 4850'. TD @ 7:00 AM MST 04-21-96.
- RU SCHLUMBERGER. LOG PLATFORM EXPRESS TO 3900', GR-CNL-CAL TO SURFACE.
- RAN 113 JOINTS OF 5 1/2 INCH, 15.5 WC-50, LTC CASING SET @ 4850'.
- DOWELL CEMENTED WITH 1000 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 @ 9:15 AM 04-22-96. DID NOT CIRCULATE CMT.
- ND. RELEASE RIG @ 1:15 PM 04-22-96.
- 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. Jackson / SRH TITLE Eng. Assistant.

DATE 4/28/96

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

MAY 07 1996

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

April 19, 1996

DATE OF TEST : 19-apr-1996

TEST NUMBER : NPD628400001

CUSTOMER : TEXACO
 FIELD : LEA NM
 WELL : C V U 178

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

ADDITIVES		
Code	Concent.	Unit
D020	6.000	% BWOC
D029	0.270	% BWOC
D044	5.000	% BWOW

B.H.S.T. : 114.0 F

B.H.C.T. : 103.0 F

Rheometer type : Fann 35

Spring factor : 1.0

Bob No : 1

Rotor No : 1

Rheological model (Dial 1) : Bingham Plastic

 $T_y : 10.038 \text{ lbf}/100 \text{ ft}^2$ $P_o : 9.038 \text{ cP}$

Correlation coefficient : 1.000

Thickening Time : 8 hr49 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	19.0	0.0
200.0	16.0	0.0
100.0	13.0	0.0
60.0	0.0	0.0
30.0	0.0	0.0
6.0	11.0	0.0
3.0	11.0	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	114.0
330	12.0	114.0
440	24.0	114.0

Comment :

FIELD BLEND

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

LOCATION WATER USED

LONG STRING LEAD 4650' POD = 4:08

Schlumberger

Dowell

CemDABE Cement Test Report

April 19, 1996

DATE OF TEST : 19-apr-1996

TEST NUMBER : NPD628400002

CUSTOMER : TEXACO
 FIELD : LEA NM
 WELL : C V U 178

CEMENT

Class : H
 Blend :
 Brand : LONESTAR
 Plant : MARYNEAL

BASE FLUID

Density : 8.32 lb/gal
 Volume : 5.20 gal/sk
 Type : LO
 Total liquid : 5.20 gal/sk

SLURRY

Density : 15.60 lb/gal
 Yield : 1.18 ft³/sk

B.H.S.T. : 114.0 F

B.H.C.T. : 103.0 F

No additives

Rheometer type : Fann 35

Spring factor : 1.0

Bob No : 1

Rotor No : 1

Rheological model (Dial 1) : Bingham Plastic

 T_y : 29.109 lb_f/100ft² P_o : 16.570 cP

Correlation coefficient : 0.988

Thickening Time : 4 hr41 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	46.0	0.0
200.0	39.0	0.0
100.0	35.0	0.0
60.0	0.0	0.0
30.0	0.0	0.0
6.0	21.0	0.0
3.0	18.0	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)
240	6.0	114.0
1379	12.0	114.0
2000	24.0	114.0

Comment :

FIELD BLEND

CLASS H NEAT

LOCATION WATER USED

LONG STRING TAIL 4650' POD = 3:28