

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.	30-025-32682
5. Indicate Type of Lease	STATE ☒ FEE ☐
6. State Oil / Gas Lease No.	
7. Lease Name or Unit Agreement Name	STATE 'T'
8. Well No.	2
9. Pool Name or Wildcat	JALMAT
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3357'	

SUNDRY NOTICES AND REPORTS ON WELL
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A
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>O</u> : <u>660</u> Feet From The <u>SOUTH</u> Line and <u>1976</u> Feet From The <u>EAST</u> Line Section <u>2</u> Township <u>24-S</u> Range <u>36-E</u> NMPM <u>LEA</u> COUNTY
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3357'	

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 & SURFACE CASING, PRODUCTION CASING

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.

1. ROD RIC#9 SPUD 11 INCH HOLE @ 1:00 PM 11-04-94. DRILLED TO 430'. TD @ 4:45 PM 11-04-94.
2. RAN 11 JOINTS OF 8 5/8, 24#, CF-50. STC CASING SET @ 430'. RAN 9 CENTRALIZERS.
3. DOWELL CEMENTED WITH 250 SACKS CLASS C W/ 2% CACL2 (14.8 PPG, 1.34 CF/S). PLUG DOWN @ 7:10 PM 11-4-94. CIRCULATED 64 SACKS.
4. NU BOP & TESTED TO 1200#. TESTED CASING TO 1200# FOR 30 MINUTES FROM 3:45 PM TO 4:15 PM 11-05-94.
5. WOC TIME 8.58 HOURS FROM 7:10 PM 11-04-94 TO 3:45 AM 11-05-94. REQUIREMENTS OF RULE 107, OPTION 2:
 1. VOLUME OF CEMENT SLURRY: LEAD 3700 (CU. FT.).
 2. APPROX. TEMPERATURE OF SLURRY WHEN MIXED: 50 F.
 3. EST. FORMATION TEMPERATURE IN ZONE OF INTEREST: 90 F.
 4. EST. CEMENT STRENGTH AT TIME OF CASING TEST: 864 PSI.
 5. ACTUAL TIME CEMENT IN PLACE PRIOR TO TESTING: 8.58 HOURS.
6. DRILLED 7 7/8" HOLE.
7. DRILLED 7 7/8" HOLE TO 3880' TD @ 4:30 A.M. ON 11-13-94.
8. HLS RAN GR-DLL-MSFL, GR-DSN-SDL, CAL, GR-BHC-SONIC FROM 3880' TO 2700'. PULLED GR-DSN TO SURFACE.
9. RAN 89 JOINTS OF 5 1/2, 15.5# J-55 STC CASING SET @ 3880'.
10. DOWELL CEMENTED W/ 620 SACKS 35/65 POZ H W/ 6% GEL, 5% SALT, 1/4# CELLOFLAKE (12.8 PPG, 1.94 CF/S) F/B 350 SACKS CLASS H, NEET(15.5 PPG, 1.18 CF/S). PLUG DOWN @ 4:30 AM 11-14-94. CIRCULATED 165 SACKS.
11. ND. RELEASE RIG @ 8:30 AM ON 11-14-94.
12. 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 / SP4 TITLE Drilling Operations Mgr. DATE 11-22-94

TYPE OR PRINT NAME C. P. Basham Telephone No. (303)621-4851

(This space for State Use)
APPROVED BY [Signature] TITLE DRILLING OPERATIONS SUPERVISOR DATE NOV 29 1994
CONDITIONS OF APPROVAL, IF ANY:

RECEIVED
NOV 28 1994
OCD HOBBS
OFFICE

Schlumberger
Dowell

CemDABE Cement Test Report

November 4, 1994
DATE OF TEST : 04-nov-1994

TEST NUMBER : NPD473900001

CUSTOMER : TEXACO
FIELD : LEA NM
WELL : STATE T 2

CEMENT
Class : C
Blend :
Brand : LONESTAR
Plant : MARYNEAL

BASE FLUID
Density : 8.32 lb/gal
Volume : 6.32 gal/sk
Type : LO
Total liquid : 6.32 gal/sk

SLURRY
Density : 14.80 lb/gal
Yield : 1.32 ft³/sk

B.H.S.T. : 90.0 F
B.H.C.T. : 85.0 F

ADDITIVES		
Code	Concent.	Unit
S001	2.000	% BWOC

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

Rheological model (Dial 1) : Bingham Plastic
 T_y : 26.743 lbf/100ft²
 P_v : 14.803 cP
Correlation coefficient : 0.994

Thickening Time : 2 hr 4 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	41.0	0.0
200.0	37.0	0.0
100.0	32.0	0.0
60.0	29.0	0.0
30.0	27.0	0.0
6.0	24.0	0.0
3.0	19.0	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)
590	6.0	90.0
1379	12.0	90.0
1870	24.0	90.0

Comment :

FIELD BLEND
CLASS C + 2% S1
LOCATION WATER USED
SURFACE 425' POD = 1:08

RECEIVED

NOV 28 1994

U.S. DEPT. OF JUSTICE
OFFICE

Schlumberger

Dowell

CemDABE Cement Test Report

November 11, 1994

DATE OF TEST : 11-nov-1994

TEST NUMBER : NPD475300002

CUSTOMER : TEXACO
FIELD : LEA NM
WELL : STATE T 2

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. : 108.0 F

B.H.C.T. : 98.0 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 : 15 250 lb/100 ft²

P_v : 18.363 cP

Correlation coefficient : 0.993

Thickening Time : 3 hr30 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	33.0	0.0
200.0	28.0	0.0
100.0	22.0	0.0
60.0	18.0	0.0
30.0	15.0	0.0
6.0	12.0	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)
689	6.0	108.0
1480	12.0	108.0
1990	24.0	108.0

Comment :

FIELD BLEND

CLASS H NEAT

LOCATION WATER USED

LONG STRING TAIL 3880' POD = 2:20

RECEIVED

NOV 28 1994

UDD ROBB
OFFICE

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

November 9, 1994

DATE OF TEST : 09-nov-1994

TEST NUMBER : NPD475300001

CUSTOMER : TEXACO
FIELD : LEA NM
WELL : STATE T 2

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. : 108.0 F

B.H.C.T. : 98.0 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

 $T_y : 55.208 \text{ lbf}/100 \text{ ft}^2$ $P_y : 9.038 \text{ cP}$

Correlation coefficient : 1.000

Thickening Time : 4 hr55 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	64.0	0.0
200.0	61.0	0.0
100.0	59.0	0.0
60.0	57.0	0.0
30.0	52.0	0.0
6.0	27.0	0.0
3.0	21.0	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)
126	6.0	108.0
244	12.0	108.0
309	24.0	108.0

Comment :

FIELD BLEND

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

LOCATION WATER USED

LONG STRING LEAD 3880' POD = 3:01