

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 33428
5. Indicate Type of Lease	STATE ☐ FEE ☐
6. State Oil / Gas Lease No.	
7. Lease Name or Unit Agreement Name	NEW MEXICO 'R' STATE NCT-1
8. Well No.	18
9. Pool Name or Wildcat	DRINKARD/BLINBRY
10. Elevation (Show whether DF, RKB, RT, GR, etc.)	3974'

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 2100, Denver Colorado 80201
4. Well Location	Unit Letter <u>H</u> : <u>1870</u> Feet From The <u>SOUTH</u> Line and <u>890</u> Feet From The <u>EAST</u> Line Section <u>6</u> Township <u>18-S</u> Range <u>35-E</u> NMPM <u>LEA</u> COUNTY
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3974'	

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 #723 SPUD 11 INCH HOLE @ 10:15 AM MST 07-10-96. DRILLED TO 1350'. TD @ 11:45 AM 07-11-96.
- RAN 34 JOINTS(1508') OF 8 5/8 INCH, 24#, WC-50, STC CASING SET @ 1500'. RAN 10 CENTRALIZERS.
- DOWELL CEMENTED WITH 500 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, 1.32 CF/S). PLUG DOWN @ 8:30 PM 07-11-96. CIRCULATED 139 SACKS.
- NU BOP & TESTED TO 1500#. TESTED CASING TO 1500# FOR 30 MINUTES FROM 9:30 PM TO 10:00 PM CST 07-12-96.
- WOC TIME 25 HOURS FROM 8:30 PM 07-11-96 TO 9:30 PM 07-12-96.
- DRILLING 7 7/8 INCH HOLE.
- DRILLED 7 7/8 INCH HOLE TO 8500'. TD @ 7:45 AM 08-07-96.
- SCHLUMBERGER RAN GR-DLL-MSFL 8464' - 1500'. RAN NGT/CNL/LDT 8446'-1500'. RIH W/ SONIC TOOL. SCHLUMBERGER RAN GR/BOREHOLE COMPENSATED SONIC 8427' - 1500'.
- RAN 56 JOINTS(2425') OF 5 1/2 INCH, 17#, WC-75 AND 141 JOINTS (6091') OF 17# WC-50, LTC CASING SET @ 8500'. DV TOOL @ 6022'.
- DOWELL CEMENTED: 1ST STAGE - 600 SACKS 50/50 POZ CLASS H W/ 2% GEL, 5% SALT, 1/4# FLOCELE (14.2 PPG, 1.35 CF/S). DID NOT CIRCULATE CEMENT. 2ND STAGE - 2800 SACKS 35/65 POZ CLASS H W/ 6% GEL, 5% SALT, 1/4# FLOCELE (12.4 PPG, 2.14 CF/S). F/B 100 SACKS CLASS H NEAT (15.6 PPG, 1.18 CF/S). PLUG DOWN @ 1:00 AM 08-10-96. DID NOT CIRCULATE CEMENT.
- ND. RELEASE RIG @ 9:00 AM 08-10-96.
- 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 / srt TITLE Eng. Assistant.

DATE 8/15/96

TYPE OR PRINT NAME Sheilla D. Reed-High

Telephone No. (303)621-4851

This space for State Use

APPROVED

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

Schlumberger

Dowell

CemDABE Cement Test Report

August 6, 1996

DATE OF TEST : 05-aug-1996

TEST NUMBER : NPD652000002

CUSTOMER : TEXACO
 FIELD : LEA NM
 WELL : NM 'R' STATE 18

CEMENT :
 Class : H
 Blend : 5050
 Brand : LONESTAR
 Plant : MARYNEAL

BASE FLUID

Density : 8.32 lb/gal
 Volume : 6.30 gal/sk
 Type : LO
 Total liquid : 6.30 gal/sk

SLURRY

Density : 14.20 lb/gal
 Yield : 1.35 ft³/sk

ADDITIVES		
Code	Concent.	Unit
D020	2.000	% BWOC
D029	0.250	% BWOC
D044	5.000	% BWOW
D800	0.200	% BWOC

B.H.S.T. : 131.0 F

B.H.C.T. : 114.0 F

Rheological model (Dial 1) : Bingham Plastic

 $T_y : 18.129 \text{ lb/100ft}^2$ $P_y : 16.322 \text{ cP}$

Correlation coefficient : 0.980

Thickening Time : 4 hr17 mn to 70 BC

API Schedule :

Set condition :

Consistometer serial number :

No Fluid Loss data available

No Free Water data available

Rheometer type : Fann 35

Spring factor : 1.0

Bob No : 1

Rotor No : 1

Rheological data		
Temp. (F) :	75.0	0.0
R.P.M.	Dial 1	Dial 2
300.0	34.0	0.0
200.0	29.0	0.0
100.0	25.0	0.0
60.0	20.0	0.0
30.0	18.0	0.0
6.0	18.0	0.0
3.0	16.0	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)
120	6.0	131.0
835	12.0	131.0
1365	244.0	131.0

Comment :

FIELD BLEND RAN FOR 60 MINS; STOPPED FOR 45 MINS; RESTARTED

50/50POZ/H + 2%D20 + 5%D44 + 0.2%D800 + 0.25PPSD29

LOCATION WATER USED

LONG STRING 1ST STAGE 8500' POD = 3:04

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

August 6, 1996

DATE OF TEST : 06-aug-1996

TEST NUMBER : NPD652000003

CUSTOMER : TEXACO
FIELD : LEA NM
WELL : NM R STATE 18

CEMENT

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

BASE FLUID

Density : 8.32 lb/gal
 Volume : 11.95 gal/sk
 Type : LO
 Total liquid : 11.95 gal/sk

SLURRY

Density : 12.40 lb/gal
 Yield : 2.14 ft³/sk

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

B.H.S.T. : 116.0 F

B.H.C.T. : 109.0 F

Rheological model (Dial 1) : Bingham Plastic

 $T_y : 6.692 \text{ lb}_f/100\text{ft}^2$ $P_o : 7.532 \text{ cP}$

Correlation coefficient : 0.993

Thickening Time : 10 hr27 mn to 70 BC

API Schedule :

Set condition :

Consistometer serial number :

No Fluid Loss data available

No Free Water data available

Rheometer type : Fann 35

Spring factor : 1.0

Bob No : 1

Rotor No : 1

Rheological data		
Temp. (F) :	75.0	0.0
R.P.M.	Dial 1	Dial 2
300.0	14.0	0.0
200.0	12.0	0.0
100.0	9.0	0.0
60.0	0.0	0.0
30.0	0.0	0.0
6.0	8.0	0.0
3.0	7.0	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)
154	6.0	116.0
235	12.0	116.0
336	24.0	116.0

Comment :

FIELD BLEND

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

LOCATION WATER USED

LONG STRING 2D STAGE LEAD 6000' POD = 4:40

Schlumberger
Dowell

CemDABE Cement Test Report

August 6, 1996

DATE OF TEST : 06-aug-1996

TEST NUMBER : NPD652000004

CUSTOMER : TEXACO
FIELD : LEA NM
WELL : NM R STATE 18

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. : 116.0 F

B.H.C.T. : 109.0 F

No additives

Rheological model (Dial 1) : Bingham Plastic

T_y : 10.833 lbf/100ft²

P_y : 18.793 cP

Correlation coefficient : 0.996

Thickening Time : 5 hr57 mn to 70 BC

API Schedule :

Set condition :

Consistometer serial number :

No Fluid Loss data available

No Free Water data available

Rheometer type : Fann 35

Spring factor : 1.0

Bob No : 1

Rotor No : 1

Rheological data		
Temp. (F) :	75.0	0.0
R.P.M.	Dial 1	Dial 2
300.0	29.0	0.0
200.0	24.0	0.0
100.0	17.0	0.0
60.0	15.0	0.0
30.0	12.0	0.0
6.0	9.0	0.0
3.0	8.0	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)
667	6.0	116.0
1467	12.0	116.0
1986	24.0	116.0

Comment :

FIELD BLEND

CLASS H NEAT

LOCATION WATER USED

LONG STRING 2D STAGE TAIL 6000' POD = 4:08