

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.	30-025-32005
5. Indicate Type of Lease	STATE ☒ FEE ☐
6. State Oil / Gas Lease No.	B-1306
7. Lease Name or Unit Agreement Name	NEW MEXICO 'R' STATE NCT-3
8. Well No.	28
9. Pool Name or Wildcat	VACUUM DRINKARD

SUNDY 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>M</u> <u>706</u> Feet From The <u>SOUTH</u> Line and <u>2235</u> Feet From The <u>WEST</u> Line Section <u>1</u> Township <u>18-S</u> Range <u>34-E</u> NMPM <u>LEA</u> COUNTY
10. Elevation (Show whether DF, RKB, RT, GR, etc.)	GR-3990'

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPERATION ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐		CASING TEST AND CEMENT JOB ☐	
OTHER: ☐		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.

1. NABORS RIG SPUD 11 INCH HOLE @ 4:00 PM 09-22-95. DRILLED TO 300'. TD @ 1:30 PM 09-23-95.

2. RAN 35 JOINTS OF 8 5/8, 24#, WC-50, STC CASING SET @ 1525'.

3. 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, 1.34 CF/S). PLUG DOWN @ 8:15 PM 09-23-95. CIRCULATED 121 SACKS.

4. NU BOP & TESTED TO 1000#. TESTED CASING TO 1000# FOR 30 MINUTES FROM 10:15 PM TO 10:45 AM 09-24-95.

5. WOC TIME 14 HOURS FROM 8:15 PM 09-23-95 TO 10:15 PM 09-24-95. REQUIREMENTS OF RULE 107, OPTION 2:

1. VOLUME OF CEMENT SLURRY: LEAD 870 (CU. FT.), TAIL 201 (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: 0 PSI.

5. ACTUAL TIME CEMENT IN PLACE PRIOR TO TESTING: 14 HOURS.

6. DRILLING 7 7/8" HOLE.

7. DRILLED 7 7/8" HOLE TO 8100'. TD @ 1:30 AM 10-26-95.

8. RAN 41 JOINTS OF 5 1/2", 17# WC-50 1760'. 144 JOINTS OF 5-1/2" 15.5# WC-50 6340'.

9. DOWELL CEMENTED WITH 2353 SACKS 35/65 POZ CLASS H W/ 6% GEL, 5% SALT, 1/4# FLOCELE (12.4 PPG, 2.14 CF/S). F/B 200 SACKS 50/50 POZ CLASS H NEAT (15.6 PPG, 1.18 CF/S). PLUG DOWN @ 2:30 PM 10-27-95. CIRCULATED 521 SACKS.

10. NO. RELEASE RIG @ 6:30 PM 10-27-95.

11. 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 /SR TITLE Drilling Operations Mgr. DATE 10/30/95

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

(This space for State Use)

APPROVED BY ORIGINAL SIGNED BY JERRY SEXTON DATE NOV 17 1995

CONDITIONS OF APPROVAL, IF ANY: DISTRICT I SUPERVISOR

DeSoto/Nichols 10-94 ver 2.0

Schlumberger

Dowell

CemDABE Cement Test Report

September 22, 1995

DATE OF TEST : 22-sep-1995

TEST NUMBER : NPD576200001

CUSTOMER : TEXACO
FIELD : LEA NM
WELL : NM R ST NCT3 28

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

BASE FLUID

Density : 8.32 lb/gal
Volume : 9.17 gal/sk
Type : LO
Total liquid : 9.17 gal/sk

SLURRY

Density : 13.50 lb/gal
Yield : 1.74 ft³/sk

B.H.S.T. : 92.0 F

B.H.C.T. : 88.0 F

ADDITIVES		
Code	Concent.	Unit
D020	4.000	% BWOC
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 : 0.000 lbf/100ft²

P_o : 0.000 cP

Correlation coefficient : 0.000

Thickening Time : 2 hr 9 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	44.0	0.0
200.0	43.0	0.0
100.0	41.0	0.0
60.0	40.0	0.0
30.0	40.0	0.0
6.0	32.0	0.0
3.0	24.0	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)
0	0.0	92.0
0	0.0	0.0
0	0.0	0.0

Comment :

FIELD BLEND

C + 4%D20 + 2%S1

LOCATION WATER USED

SURFACE LEAD 1550' POD=RIGHT ANGLE

Schlumberger

Dowell

CemDABE Cement Test Report

September 22, 1995

DATE OF TEST : 22-sep-1995

TEST NUMBER : NPD576200002

CUSTOMER : TEXACO
FIELD : LEA NM
WELL : NM R ST NCT3 28

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

BASE FLUID
Density : 8.32 lb/gal
Volume : 6.36 gal/sk
Type : LO
Total liquid : 6.36 gal/sk

SLURRY
Density : 14.80 lb/gal
Yield : 1.34 ft³/sk

B.H.S.T. : 92.0 F

B.H.C.T. : 88.0 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 : 14.821 lb_f/100ft²

P_y : 18.414 cP

Correlation coefficient : 0.998

Thickening Time : 1 hr50 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	27.0	0.0
100.0	21.0	0.0
60.0	19.0	0.0
30.0	16.0	0.0
6.0	7.0	0.0
3.0	6.0	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)
0	0.0	92.0
0	0.0	0.0
0	0.0	0.0

Comment :

FIELD BLEND

C + 2% S1

LOCATION WATER USED

SURFACE TAIL 1550' POD=1:08

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

October 24, 1995

DATE OF TEST : 24-oct-1995

TEST NUMBER : NPD579100002

CUSTOMER : TEXACO
FIELD : LEA NM
WELL : NM R STATE NCT 3 28

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

B.H.S.T. : 136.0 F

B.H.C.T. : 118.0 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

 $T_y : 18.737 \text{ lbf}/100\text{ft}^2$ $P_v : 10.544 \text{ cP}$

Correlation coefficient : 0.997

Thickening Time : 4 hr19 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	26.0	0.0
100.0	22.0	0.0
60.0	0.0	0.0
30.0	0.0	0.0
6.0	14.0	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)
175	6.0	136.0
438	12.0	136.0
900	24.0	136.0

Comment :

FIELD BLEND

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

LOCATION WATER USED

LONG STRING LEAD 8100' POD = 2:18

Schlumberger

Dowell

CemDABE Cement Test Report

October 26, 1995

DATE OF TEST : 26-oct-1995

TEST NUMBER : NPD579100003

CUSTOMER : TEXACO

FIELD : LEA NM

WELL : NM R ST NCT 3 28

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. : 136.0 F

B.H.C.T. : 118.0 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 : 8.030 lbf/100ft²

P_v : 18.076 cP

Correlation coefficient : 1.000

Thickening Time : 3 hr 9 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	26.0	0.0
200.0	20.0	0.0
100.0	14.0	0.0
60.0	0.0	0.0
30.0	0.0	0.0
6.0	6.0	U.U
3.0	5.0	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)
700	6.0	136.0
1208	12.0	136.0
1708	24.0	136.0

Comment :

FIELD BLEND

CLASS H NEAT

LOCATION WATER USED

LONG STRING 8100' TAIL POD = 2:15