

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.	30-025-33402
5. Indicate Type of Lease	STATE ☒ FEE ☐
6. State Oil / Gas Lease No.	
7. Lease Name or Unit Agreement Name	WEST DOLLARHIDE DRINKARD UNIT
8. Well No.	154
9. Pool Name or Wildcat	TUBB/DRINKARD/ABO
10. Elevation (Show whether DF, RKB, RT, GR, etc.)	3182'

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>I</u> : <u>2575</u> Feet From The <u>SOUTH</u> Line and <u>625</u> Feet From The <u>EAST</u> Line Section <u>32</u> Township <u>24-S</u> Range <u>38-E</u> NMPM <u>LEA</u> COUNTY
10. Elevation (Show whether DF, RKB, RT, GR, etc.)	3182'

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 @ 2:00 PM ON 07-06-96. DRILLED TO 1150'. TD @ 3:00 AM 07-06-96.
- RAN 27 JOINTS OF 8 5/8 INCH, 24#, WC-50, STC CASING SET @ 1150'. RAN 8 CENTRALIZERS.
- DOWELL CEMENTED WITH 325 SACKS CLASS C W/ 4% GEL, 2% CACL2 (12.8 PPG, 1.94 CF/S). F/B 200 SACKS CLASS C W/ 1% CACL2 (14.8 PPG, 1.32 CF/S). PLUG DOWN @ 8:09 AM 07-06-96. CIRCULATED 100 SACKS.
- NU BOP & TESTED TO 1200#. TESTED CASING TO 1200# FOR 30 MINUTES FROM 10:00 PM TO 10:30 PM 07-06-96.
- WOC TIME 14 HOURS AND 9 MINUTES FROM 8:09 AM TO 10:00 PM 07-06-96. REQUIREMENTS OF RULE 107, OPTION 2:
 - VOLUME OF CEMENT SLURRY: LEAD 631 (CU. FT.), TAIL 264 (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: 1990 PSI.
 - ACTUAL TIME CEMENT IN PLACE PRIOR TO TESTING: 14 HOURS AND 9 MINUTES.
- DRILLING 7 7/8 INCH HOLE.
- DRILLED 7 7/8 INCH HOLE TO 7200'. TD @ 12:00 PM 07-18-96.
- HLS RAN CNL-TDD-HALS-SLT-NGT-MCFL (PLATFORM EXPRESS). FOLLOW PLATFORM EXPRESS W/CMR LOG. LOGGERS DEPTH 7202'.
- RAN 29 JOINTS (1242') OF 5 1/2 INCH, 17#, L80 AND 28 JOINTS (1223') OF 5 1/2 INCH, 17# CF-50, AND 108 JTS (4735') 15.5# WC50 LTC CASING SET @ 7207'.
- DOWELL CEMENTED: - 1135 SACKS 35/65 POZ CLASS H W/ 6% GEL, 5% SALT, 1/4# FLOCELE (15.6 PPG, 1.94 CF/S). F/B 500 SACKS CLASS H NEAT (12.8 PPG, 1.18 CF/S). PLUG DOWN @ 4:00 AM 07-20-96. CIRCULATED 153 SACKS.
- ND. RELEASE RIG @ 10:00 AM 07-20-96.
- 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/STH TITLE Eng. Assistant.

DATE 7/29/96

TYPE OR PRINT NAME Sheilla D. Reed-High

Telephone No. (303)621-4851

(This space for State Use)

APPROVED

CONDITIONS OF APPROVAL, IF ANY:

ORIGINAL SIGNED BY

Sheilla D. Reed-High

TITLE

DATE

AUG 06 1996

DeSoto/Nichols 10-94 ver 2.0



Report Date, _____

Requested By: _____

Service Point: 1722

Typed name: John A. C.

Test Conditions:

Depth 1165 m. Temp Grad W. Wind 40 m.p.h. H. Sea 8-10

Properties:	Density (g/cc)	Yield (cu ft/sk)	Mix Water (gal/sk)	Total Liquid (gal/sk)	Water Source	Cement Source
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System No. 1 13.5 1.74 9.11 9.11 LOC C

14. 1.32 6.32 6.32 6.32 6.32 6.32

SYSTEM NO 1

System No. 4 _____

Cement System Compositions:

Exhibit No. Class + 47. D20 + 27.51

US 100-222 Class C R 17.51

5-5123-40.2

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Thickening Time Results

Pneology Results

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Compressive Strength - psi

SYSTEM	TEMP	6 WPS	12 WPS	24 WPS
No 1	90	430	800	975
No 1				
No 2	90	750	1680	1960
No 3				
No 3				
No 4				
No 4				

FLUID LOSS

5533 4-1-22

SYSTEM	_____ CF _____ DS _____	
	ML/30 MIN	ML
No. 1		
No. 2		
No. 3		
No. 4		

Received of _____

100

Schlumberger

Dowell

CemDABE Cement Test Report

July 18, 1996

DATE OF TEST : 18-jul-1996

TEST NUMBER : NPD650100001

CUSTOMER : TEXACO

FIELD : LEA NM

WELL : W D D U 154

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	0.250	% BWOC
D044	5.000	% BWOW

B.H.S.T. : 129.0 F

B.H.C.T. : 114.0 F

Rheometer type : Fann 35

Spring factor : 1.0

Bob No : 1

Rotor No : 1

Rheological model (Dial 1) : Bingham Plastic

 $T_y : 15.600 \text{ lbf}/100\text{ft}^2$ $P_v : 7.684 \text{ cP}$

Correlation coefficient : 0.996

Thickening Time : 6 hr56 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	23.0	0.0
200.0	21.0	0.0
100.0	18.0	0.0
60.0	17.0	0.0
30.0	16.0	0.0
6.0	16.0	0.0
3.0	13.0	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)
213	6.0	129.0
430	12.0	129.0
600	24.0	129.0

Comment :

FIELD BLEND

35/65P0Z/H + 6%D20 + 5%D44(BWOW) + 0.25PPSD29

LOCATION WATER USED

LONG STRING LEAD 7200' POD = 3:50

Schlumberger

Dowell

CemDABE Cement Test Report

July 18, 1996

DATE OF TEST : 18-jul-1996

TEST NUMBER : NPD650100002

CUSTOMER : TEXACO
 FIELD : LEA NM
 WELL : W D D U 154

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. : 129.0 F

B.H.C.T. : 114.0 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 : 13.928 lb_f/100ft² P_y : 16.338 cP

Correlation coefficient : 0.935

Thickening Time : 2 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	21.0	0.0
100.0	18.0	0.0
60.0	17.0	0.0
30.0	16.0	0.0
6.0	16.0	0.0
3.0	13.0	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)
540	6.0	129.0
960	12.0	129.0
1379	24.0	129.0

Comment :

FIELD BLEND

CLASS H-NEAT

LOCATION WATER USED

LONG STRING TAIL 7200' POD = 2:10