

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.	30-025-33403
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.	155
9. Pool Name or Wildcat	DRINKARD/ABO

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>J</u> : <u>2000</u> Feet From The <u>SOUTH</u> Line and <u>2550</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.) <u>3192'</u>	

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 @ 1600 HOURS ON 07-19-96. DRILLED TO 1185' TD @ 5:30 AM 07-19-96.
- RAN 27 JOINTS OF 8 5/8 INCH, 24#, WC-50 8RD, STC CASING SET @ 11186.96'.
- DOWELL CEMENTED WITH 325 SACKS CLASS C W/ 4% GEL, 2% CACL2 (13.5 PPG, 1.74 CF/S). F/B 200 SACKS CLASS C W/ 2% CACL2 (14.8 PPG, 1.32 CF/S). PLUG DOWN @ 10:23 AM 07-20-96. CIRCULATED 155 SACKS.
- NU BOP & TESTED TO 1200#. TESTED CASING TO 1200# FOR 30 MINUTES FROM 11:15 PM TO 11:45 PM 07-21-96.
- WOC TIME 12 HOURS AND 52 MINUTES FROM 10:23 AM TO 11:15 PM 07-21-96. REQUIREMENTS OF RULE 107, OPTION 2:
 - VOLUME OF CEMENT SLURRY: LEAD 566 (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: 1507 PSI.
 - ACTUAL TIME CEMENT IN PLACE PRIOR TO TESTING: 12 HOURS AND 52 MINUTES.
- DRILLING 7 7/8 INCH HOLE.
- DRILLED 7 7/8 INCH HOLE TO 6009' TD @ 7:45 PM 03-12-96.
- SCHLUMBERGER RAN PE-NGT-CNL-LDT-BHC 7192'-3500'. PE-CNL-NGT TO 200', GR-CMR 7208'-6300'.
- RAN 30 JOINTS(1290') OF 5 1/2 INCH, 17#, L-80 AND 27 JOINTS(1196') OF 5 1/2 INCH 17# WC-50, AND 110 JTS (4773') 15.5# WC-50 LTC. LTC CASING SET @ 7250'.
- DOWELL CEMENTED: - 1320 SACKS 35/65 POZ CLASS H W/ 6% GEL, 5% SALT, 1/4# FLOCELE (12.8 PPG, 1.94 CF/S). F/B 500 SACKS CLASS H NEAT (15.6 PPG, 1.18 CF/S). PLUG DOWN @ 10:35 AM 08-02-96. CIRCULATED 72 SACKS.
- ND. RELEASE RIG @ 1:00 PM 08-02-96.
- 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/SR/H TITLE Eng. Assistant.

DATE 8/5/96

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 FILED IN OIL CONSERVATION

DISTRICT I SUBDIVISION

TITLE

DATE

Schlumberger

Dowell

CemDABE Cement Test Report

August 1, 1996

DATE OF TEST : 01-aug-1996

TEST NUMBER : NPD653300001

CUSTOMER : TEXACO
FIELD : LEA NM
WELL : WDDU 155

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. : 131.0 F

B.H.C.T. : 115.0 F

Rheological model (Dial 1) : Bingham Plastic

T_y : 27.194 lbf/100ft²

P_o : 11.243 cP

Correlation coefficient : 0.996

Thickening Time : 5 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	38.0	0.0
200.0	35.0	0.0
100.0	31.0	0.0
60.0	29.0	0.0
30.0	27.0	0.0
6.0	23.0	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)
130	6.0	131.0
250	12.0	131.0
330	24.0	131.0

Comment :

FIELD BLEND

35/65 P02/H + 6% D20 + 5% D44 (BWOW) + 0.25PPS D29

LOCATION WATER USED

LONG STRING LEAD 7250' P0D = 3:27

Schlumberger

Dowell

CemDABE Cement Test Report

August 1, 1996

DATE OF TEST : 01-aug-1996

TEST NUMBER : NPD653300002

CUSTOMER : TEXACO
FIELD : LEA NM
WELL : WDDU 155

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. : 131.0 F

B.H.C.T. : 115.0 F

No additives

Rheological model (Dial 1) : Bingham Plastic

T_y : 28.383 lb_f/100ft²

P_v : 18.666 cP

Correlation coefficient : 0.986

Thickening Time : 3 hr35 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	47.0	0.0
200.0	40.0	0.0
100.0	36.0	0.0
60.0	31.0	0.0
30.0	27.0	0.0
6.0	21.0	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)
736	6.0	131.0
1478	12.0	131.0
1986	24.0	131.0

Comment :

FIELD BLEND

CLASS H NEAT

LOCATION WATER USED

LONG STRING 7250' TAIL POD = 2:25



CEMENTING REPORT

File No.: _____

Report Date: _____

Operator: Texaco Requested By: _____Lease No: W DD U 154 Service Point: _____Location: LF A NM Type of Job: Surface

Test Conditions:

Depth: 1190 ft., Temp Grad _____, BHST: 95 °F, BHCT: 88 °F

Properties:	Density (ppg)	Yield (cu ft/sk)	Mix Water (gal/sk)	Total Liquid (gal/sk)	Water Source	Cement Source
System No. 1	<u>13.5</u>	<u>1.74</u>	<u>9.11</u>	<u>9.11</u>	<u>Loc</u>	<u>C</u>
System No. 2	<u>14.8</u>	<u>1.32</u>	<u>6.32</u>	<u>6.32</u>	<u>Loc</u>	<u>C</u>
System No. 3						
System No. 4						

Cement System Compositions:

System No. 1 C + 42 D20 + 27.51System No. 2 C + 27.51

System No. 3 _____

System No. 4 _____

Thickening Time Results

Rheology Results

SYSTEM	HR:MIN	BC	300	200	100	50	30	5	3	PV or n'	Ty or K	RHEOLOGY MODEL	I.O.D.
No. 1	<u>3:00</u>	<u>70</u>	<u>36</u>	<u>31</u>	<u>27</u>			<u>14</u>	<u>12</u>				
No. 2	<u>2:00</u>	<u>70</u>	<u>40</u>	<u>36</u>	<u>31</u>			<u>17</u>	<u>14</u>				
No. 3													
No. 4													

Compressive Strengths - psi

SYSTEM	TEMP.	6 HRS.	12 HRS.	24 HRS.
No. 1	°F	<u>250</u>	<u>500</u>	<u>800</u>
No. 1	°F			
No. 2	°F	<u>600</u>	<u>1400</u>	<u>2000</u>
No. 2	°F			
No. 3	°F			
No. 3	°F			
No. 4	°F			
No. 4	°F			

FLUID LOSS

FREE WATER

SYSTEM	°F, _____ psi	°F
	_____ mL/30 min	_____ mL
No. 1		
No. 2		
No. 3		
No. 4		

Remarks: Pressure Data

Chemist: _____