

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.	30-025-33377
5. Indicate Type of Lease	STATE ☒ FEE ☐
6. State Oil / Gas Lease No.	
7. Lease Name or Unit Agreement Name	TEAGUE '2' STATE
8. Well No.	3
9. Pool Name or Wildcat	BLINEBRY
10. Elevation (Show whether DF, RKB, RT, GR, etc.)	3237'

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 PERMI (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>E</u> : <u>1650</u> Feet From The <u>NORTH</u> Line and <u>330</u> Feet From The <u>WEST</u> Line Section <u>2</u> Township <u>24-S</u> Range <u>37-E</u> NMPM <u>LEA</u> COUNTY
10. Elevation (Show whether DF, RKB, RT, GR, etc.)	3237'

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 #467 SPUD 12 1/4 INCH HOLE @ 10:00 PM 07-07-96. DRILLED TO 1180'. TD @ 1:30 AM 07-09-96.
- RAN 27 JOINTS OF 8 5/8 INCH, 24#, WC-50, STC CASING SET @ 1180'. RAN 8 CENTRALIZERS.
- DOWELL CEMENTED WITH 400 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, 1.34 CF/S). PLUG DOWN @ 7:28 AM 07-09-96. CIRCULATED 103 SACKS.
- NU BOP & TESTED TO 1000#. TESTED CASING TO 1000# FOR 30 MINUTES FROM 9:45 PM TO 10:15 PM 07-09-96.
- WOC TIME 14 HOURS AND 13 MINUTES FROM 7:28 AM TO 9:45 PM 07-09-96. REQUIREMENTS OF RULE 107, OPTION 2:
 - VOLUME OF CEMENT SLURRY: LEAD 696 (CU. FT.), TAIL 268 (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: 1503 PSI.
 - ACTUAL TIME CEMENT IN PLACE PRIOR TO TESTING: 14 HOURS AND 13 MINUTES
- DRILLING 7 7/8 INCH HOLE.
- DRILLED 7 7/8 INCH HOLE TO 5750'. TD @ 12:00 PM 07-17-96.
- RAN 21 JOINTS(924.87') OF 5 1/2 INCH, 17#, K-55 AND 114 JOINTS(4829.79') OF 15.5#,K-55, LTC CASING SET @ 5755'.
- DOWELL CEMENTED: 1ST STAGE - 335 SACKS CLASS 35/65 POZ CLASS H W/ 6% GEL, 5% SALT, 1/4# FLOCELE (12.8 PPG, 1.94 CF/S). F/B 220 SACKS 50/50 POZ CLASS H W/ 2% GEL, 5% SALT, 1/4# FLOCELE (14.2 PPG, 1.35 CF/S). PLUG DOWN @ 8:15 AM 07-19-96. CIRCULATED 30 SACKS.
- ND. RELEASE RIG @ 12:30 PM 07-19-96.
- 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. Barbara / SRETT TITLE Eng. Assistant.

DATE 7/30/96

TYPE OR PRINT NAME Sheilla D. Reed-High

Telephone No. (303)621-4851

(This space for State Use)

ORIGINAL SIGNATURE OF JERRY SEXTON
DISTRICT SUPERVISOR

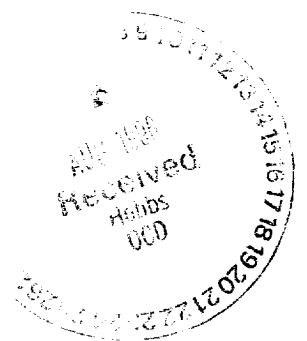
APPROVED

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

ASD 10/1/96





CEMENTING REPORT

File No.: _____

Report Date: _____

Operator: Texas

Requested By: _____

Lease No: Teague 2 State #3Service Point: HNNLocation: Lea NNType of Job: Surface

Test Conditions:

Depth: 1150 ft. Temp Grad: _____ BHST: 92 °F, BHCT: 88 °F

Properties:	Density (ppg)	Yield (lb/ft ³)	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 + 47.0 D20 + 27.51System No. 2 C + 27.51

System No. 3 _____

System No. 4 _____

Thickening Time Results

Rheology Results

SYSTEM	HR:MIN	8C	300	200	100	50	30	8	3	Plastic Viscosity	Yield Point	RHEOLOGY MODEL	L.O.D.
No. 1	<u>3:20</u>	<u>70</u>	<u>35</u>	<u>30</u>	<u>26</u>	<u>22</u>	<u>20</u>	<u>18</u>	<u>14</u>				
No. 2	<u>2:45</u>	<u>70</u>	<u>51</u>	<u>46</u>	<u>39</u>	<u>35</u>	<u>32</u>	<u>24</u>	<u>13</u>				
No. 3													
No. 4													

Compressive Strengths - psi

SYSTEM	TEMP.	6 HRS.	12 HRS.	24 HRS.
No. 1	<u>92 °F</u>	<u>400</u>	<u>700</u>	<u>1000</u>
No. 1	<u>°F</u>			
No. 2	<u>92 °F</u>	<u>1050</u>	<u>1350</u>	<u>1750</u>
No. 2	<u>°F</u>			
No. 3	<u>°F</u>			
No. 3	<u>°F</u>			
No. 4	<u>°F</u>			
No. 4	<u>°F</u>			

FLUID LOSS

FREE WATER

SYSTEM	°F.	psi	°F
	_____	_____	_____
No. 1			
No. 2			
No. 3			
No. 4			

Remarks: Polymers Used

Chemist: _____



Schlumberger

Dowell

CemDABE Cement Test Report

July 16, 1996

DATE OF TEST : 16-jul-1996

TEST NUMBER : NPD649600001

CUSTOMER : TEXACO
 FIELD : LEA NM
 WELL : TEAGUE 2 STATE 3

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	5.630	% BWOC

B.H.S.T. : 120.0 F

B.H.C.T. : 109.0 F

Rheometer type : Fann 35

Spring factor : 1.0

Bob No : 1

Rotor No : 1

Rheological model (Dial 1) : Bingham Plastic

 $T_y : 10.225 \text{ lbf}/100\text{ft}^2$ $P_y : 9.635 \text{ cP}$

Correlation coefficient : 0.992

Thickening Time : 4 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	20.0	0.0
200.0	16.0	0.0
100.0	14.0	0.0
60.0	12.0	0.0
30.0	11.0	0.0
6.0	10.0	0.0
3.0	10.0	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	120.0
240	12.0	120.0
300	24.0	120.0

Comment :

FIELD BLEND

35/65POZ/H + 6%D20 + 5%D44 + 0.25PPSD29

LOCATION WATER USED

LONG STRING LEAD 5750' POD = 3:10



Schlumberger

Dowell

CemDABE Cement Test Report

July 19, 1996

DATE OF TEST : 18-jul-1996

TEST NUMBER : NPD649600002

CUSTOMER : TEXACO

FIELD : LEA NM

WELL : TEAGUE 2 STATE 3

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

B.H.S.T. : 120.0 F

B.H.C.T. : 109.0 F

Rheometer type : Fann 35

Spring factor : 1.0

Bob No : 1

Rotor No : 1

Rheological model (Dial 1) : Bingham Plastic

 $T_v : 28.106 \text{ lbf}/100\text{ft}^2$ $P_v : 15.063 \text{ cP}$

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	43.0	0.0
200.0	38.0	0.0
100.0	340.0	0.0
60.0	330.0	0.0
30.0	32.0	0.0
6.0	30.0	0.0
3.0	28.0	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)
75	6.0	120.0
795	12.0	120.0
1300	24.0	120.0

Comment :

FIELD BLEND

50/50P0Z/H + 2%D20 + 5%D44(BWOW) + 0.25%D29

LOCATION WATER USED

LONG STRING TAIL 5750' POD = 2:33

