

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.	30-025-33012
5. Indicate Type of Lease	STATE ☒ FEE ☐
6. State Oil / Gas Lease No.	
7. Lease Name or Unit Agreement Name	V. M. HENDERSON
8. Well No.	14
9. Pool Name or Wildcat	Drinkard
10. Elevation (Show whether DF, RKB, RT, GR, etc.)	3498'

SUNDRY 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>D</u> : <u>660</u> Feet From The <u>NORTH</u> Line and <u>990</u> Feet From The <u>WEST</u> Line Section <u>30</u> Township <u>21-S</u> Range <u>37-E</u> NMPM <u>LEA</u> COUNTY
10. Elevation (Show whether DF, RKB, RT, GR, etc.)	3498'

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 #403 SPUD 11 INCH HOLE @ 4:00 PM 07-13-95. DRILLED TO 450'. TD @ 11:00 PM 07-13-95.
- RAN 27 JOINTS OF 8 5/8", 24#, CF-50, STC CASING SET @ 1136'. RAN 8 CENTRALIZERS.
- DOWELL CEMENTED WITH 500 SACKS CLASS C W/ 2% CACL2 (14.8 PPG, 1.34 CF/S). PLUG DOWN @ 10:15 AM 07-14-95. CIRCULATED 166 SACKS.
- NU BOP & TESTED TO 3000#. TESTED CASING TO 1000# FOR 30 MINUTES FROM 12:00 AM TO 12:30 AM 07-15-95.
- WOC TIME 13-3/4 HOURS FROM 10:15 AM 07-14-95 TO 12:00 AM 07-15-95. REQUIREMENTS OF RULE 107, OPTION 2:
 - VOLUME OF CEMENT SLURRY: LEAD 670(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: 1233 PSI.
 - ACTUAL TIME CEMENT IN PLACE PRIOR TO TESTING: 10-3/4 HOURS
- DRILLING 7 7/8 HOLE.
- DRILLED 7 7/8 INCH HOLE TO 6800'. TD @ 12:00 AM 07-24-95.
- HLS RAN GR-DLL-MSFL FROM 6800' TO 4000'. 2ND RUN: GR-LDT-CNL 6800' TO SURFACE.
- RAN 42 JOINTS 1862' OE 5 1/2", 17#, L-80 AND 112 JOINTS 4938' OF 17#, K-55, DV TOOL @ 4005'.
- DOWELL CEMENTED: 1ST STAGE - 750 SACKS 50/50 POZ CLASS H W/ 2% GEL, 5% SALT, 1/4# FLOCELE (14.2 PPG, 1.35 CF/S). CIRCULATED CMT TO PIT. 2ND STAGE - 1500 SACKS 35/65 POZ CLASS H W/ 6% GEL, 5% SALT, 1/4# FLOCELE (12.8 PPG, 1.94 CF/S). F/B 100 SACKS CLASS H NEAT W/ 1/4# FLOCELE (15.6 PPG, 1.18 CF/S). PLUG DOWN @ 8:00 PM 07-29-95. CIRCULATED 300 SACKS.
- ND. RELEASE RIG @ 12:00 AM 07-30-95.
- 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 / SRH TITLE Drilling Operations Mgr. DATE 8/16/95

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

(This space for State Use) ORIGINAL FILED IN 100-100000

APPROVED BY V. M. HENDERSON TITLE DATE SEP 10 1995

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

SEP 18 1005

OCD HOBBY
OFFICE

Schlumberger

Dowell

CamDABE Cement Test Report

July 18, 1995

DATE OF TEST : 18-jul-1995

TEST NUMBER : NPD553900002

CUSTOMER : TEXACO

FIELD : LEA NM

WELL : V M HENDERSON 14

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
D013	0.200	% BWOC
D020	2.000	% BWOC
D029	0.250	% BWOC
D044	5.000	% BWOW

B.H.S.T. : 129.0 F

B.H.C.T. : 114.0 F

Rheological model (Dial 1) : Bingham Plastic

T_y : 7.226 lbf/100ft²

P_o : 13.975 cP

Correlation coefficient : 0.985

Thickening Time : 3 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	22.0	0.0
200.0	15.0	0.0
100.0	12.0	0.0
60.0	10.0	0.0
30.0	9.0	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)
90	6.0	129.0
790	12.0	129.0
1390	24.0	129.0

Comment :

FIELD BLEND RAN FOR 45 MINUTES, STOPPED FOR 40 MINUTES, RESTARTED

50/50 POZ/H + 2% D20 + 5% D44 (BWOW) + 0.2% D13 + 0.25PPS D29

LOCATION WATER USED

LONG STRING 1ST STAGE 6800'

RECEIVED

SEP 16 1005

OLD HOBBS
OFFICE

Schlumberger

Dowell

CemDABE Cement Test Report

July 29, 1995

DATE OF TEST : 29-jul-1995

TEST NUMBER : NPD553900004

CUSTOMER : TEXACO
FIELD : LEA NM
WELL : V M HENDERSON 14

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. : 108.0 F

B.H.C.T. : 98.0 F

Rheometer type : Fann 35

Spring factor : 1.0

Bob No : 1

Rotor No : 1

Rheological model (Dial 1) : Bingham Plastic

T_y : 37.139 lbf/100ft²

P_0 : 6.025 cP

Correlation coefficient : 1.000

Thickening Time : 10 hr30 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	41.0	0.0
100.0	38.0	0.0
60.0	37.0	0.0
30.0	36.0	0.0
6.0	25.0	0.0
3.0	17.0	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)
200	6.0	108.0
340	12.0	108.0
450	24.0	108.0

Comment :

FIELD BLEND

35/65POZ/H + 6%D20 + 5%D44(BWOW) + 1/4#/SKD29

LOCATION WATER USED

LONG STRING 2ND STAGE LEAD 4000'

RECEIVED

SEP 18 1995

UCD HOEBS
OFFICE

Schlumberger
Dowell

CemDABE Cement Test Report

July 29, 1995

DATE OF TEST : 29-jul-1995

TEST NUMBER : NPD553900003

CUSTOMER : TEXACO

FIELD : LEA NM

WELL : V M HENDERSON 14

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. : 108.0 F

B.H.C.T. : 98.0 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 : 28.383 lbf/100ft²

P_o : 18.666 cP

Correlation coefficient : 0.986

Thickening Time : 3 hr15 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	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	26.0	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)
250	6.0	108.0
1400	12.0	108.0
2100	24.0	108.0

Comment :

FIELD BLEND

CLASS H-NEAT

LOCATION WATER USED

LONG STRING 2ND STAGE TAIL 4000'

RECEIVED

SEP 18 1985

OLD HOUSE
OFFICE

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

September 13, 1995

DATE OF TEST : 14-jul-1995

TEST NUMBER : NPD553500001

CUSTOMER : TEXACO**FIELD** : LEA NM**WELL** : V M HENDERSON 14**CEMENT**

Class : C

Blend :

Brand : LONESTAR

Plant : MARYNEAL

BASE FLUID

Density : 8.32 lb/gal

Volume : 6.32 gal/sk

Type : LO

Total liquid : 6.32 gal/sk

SLURRY

Density : 14.80 lb/gal

Yield : 1.32 ft³/sk

B.H.S.T. : 90.0 F

B.H.C.T. : 85.0 F

ADDITIVES		
Code	Concent.	Unit
S001	2.000	% BWOC

Rheological model (Dial 1) : Bingham Plastic

 T_y : 25.239 lbf/100ft² P_o : 16.626 cP

Correlation coefficient : 0.977

Thickening Time : 2 hr20 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	41.0	0.0
200.0	37.0	0.0
100.0	32.0	0.0
60.0	27.0	0.0
30.0	21.0	0.0
6.0	18.0	0.0
3.0	15.0	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)
600	6.0	90.0
1400	12.0	90.0
2000	24.0	90.0

Comment :

FIELD BLEND**CLASS C + 2% S-1****LOCATION WATER USED****SURFACE** 425' **POD** = 1:10

RECEIVED

SEP 18 1995

OLD HOBBS
OFFICE