

DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

P.O. Box Drawer DC, 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.	30-025-32896
5. Indicate Type of Lease	STATE ☒ FEE ☐
6. State Oil / Gas Lease No.	
7. Lease Name or Unit Agreement Name	L. VAN ETEN
8. Well No.	17
9. Pool Name or Wildcat	Monument Ridge
10. Elevation (Show whether DF, RKB, RT, GR, etc.)	3540'

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>K</u> <u>1650</u> Feet From The <u>SOUTH</u> Line and <u>1650</u> Feet From The <u>WEST</u> Line Section <u>9</u> Township <u>20-S</u> Range <u>37-E</u> NMPM <u>LEA</u> COUNTY
10. Elevation (Show whether DF, RKB, RT, GR, etc.)	3540'

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.

1. NABORS RIG #403 SPUD 11 INCH HOLE @ 5:00 PM 11-29-95. DRILLED TO 1150'. TD @ 2:00 AM 11-30-95.
2. RAN 26 JOINTS OF 8 5/8", 24#, WC-50, STC CASING SET @ 1150'. RAN 7 CENTRALIZERS.
3. DOWELL CEMENTED WITH 400 SACKS CLASS C W/ 2% GEL, 2% CACL2 (14.2 PPG, 1.50 CF/S). F/B 200 SACKS CLASS C W/ 2% CACL2 (14.8 PPG, 1.34 CF/S). PLUG DOWN @ 7:45 AM 11-30-95. CIRCULATED 235 SACKS.
4. NU BOP & TESTED TO 3000#. TESTED CASING TO 1000# FOR 30 MINUTES FROM 9:30 AM TO 10:00 AM 12-01-95.
5. WOC TIME 25 3/4 HOURS FROM 7:45 AM 11-30-95 TO 9:30 AM 12-01-95.
6. DRILLING 7 7/8 INCH HOLE.
7. DRILLED 7 7/8 INCH HOLE TO 5575'. TD @ 12:45 PM 12-06-95.
8. RU SCHLUMBERGER. LOG RN #1. DLL-MSFL. GR TO 5533' TO 1150'. RN #2 COMPENSATED NEUTRON LITHO-DENSITY GR 5533' TO 1150'. PULLED GR TO SURFACE.
9. RAN 41 JOINTS OF 5-1/2", 17# L-80 (1807'), 84 JOINTS OF 5-1/2" 15 5/8" K-55 (3754'), LTC CASING SET @ 4285'.
10. DOWELL CEMENTED 1ST STAGE WITH 292 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 PM 12-07-95. OPENED DV. CIRCULATED 41 SACKS.
11. DOWELL CEMENTED 2ND STAGE WITH 1195 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 'H' NEET (15.6 PPG, 1.18 CF/S) PLUG DOWN @ 5:15 AM 12-08-95. CIRCULATED 65 SACKS.
12. ND. RELEASE RIG @ 9:15 AM 12-08-95.
13. 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 12/13/95

TYPE OR PRINT NAME C. P. Basham

Telephone No. (303)621-4851

(This space for State Use)

ORIGINAL SIGNED BY

APPROVED BY C. P. WINK TITLE

CONDITIONS OF APPROVAL, IF ANY:

DATE

JAN 26 1996

Schlumberger

Dowell

CemDABE Cement Test Report

November 30, 1995

DATE OF TEST : 30-nov-1995

TEST NUMBER : NPD591600003

CUSTOMER : TEXACO
FIELD : LEA NM
WELL : L VAN ETTEN 17

CEMENT

Class : C
Blend :
Brand : LONESTAR
Plant : MARYNEAL

BASE FLUID

Density : 8.32 lb/gal
Volume 7.45 gal/sk
Type : LO
Total liquid : 7.45 gal/sk

SLURRY

Density : 14.20 lb/gal
Yield : 1.50 ft³/sk

B.H.S.T. : 90.0 F

B.H.C.T. : 85.0 F

ADDITIVES		
Code	Concent.	Unit
D020	2.000	% 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 : 20.410 lbf/100ft²

P_y : 15.063 cP

Correlation coefficient : 0.993

Thickening Time : 3 hr14 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	80.0
R.P.M.	Dial 1	Dial 2
300.0	35.0	0.0
200.0	31.0	0.0
100.0	25.0	0.0
60.0	0.0	0.0
30.0	0.0	0.0
6.0	17.0	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)
350	6.0	90.0
660	12.0	90.0
1050	24.0	90.0

Comment :

FIELD BLEND

CLASS C + 2%D20 + 2%S1

LOCATION WATER USED

SURFACE LEAD 1100' POD = 2:09

Schlumberger
Dowell

CemDABE Cement Test Report

November 30, 1995

DATE OF TEST : 30-nov-1995

TEST NUMBER : NPD591600002

CUSTOMER : TEXACO
FIELD : LEA NM
WELL : L VAN ETEN 17

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
5001	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 : 26.767 lbf/100ft²

P_v : 13.557 cP

Correlation coefficient : 0.998

Thickening Time : 2 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	40.0	0.0
200.0	36.0	0.0
100.0	31.0	0.0
60.0	0.0	0.0
30.0	0.0	0.0
6.0	17.0	0.0
3.0	14.0	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 TAIL 1100' POD 1:08

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

December 6, 1995

DATE OF TEST : 06-dec-1995

TEST NUMBER : NPD595400001

CUSTOMER : TEXACO

FIELD : LEA NM

WELL : L VAN ETEN 17

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

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

 $T_y : 27.102 \text{ lbf}/100\text{ft}^2$ $P_0 : 9.038 \text{ cP}$

Correlation coefficient : 1.000

Thickening Time : 5 hr45 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	36.0	0.0
200.0	33.0	0.0
100.0	30.0	0.0
60.0	29.0	0.0
30.0	26.0	0.0
6.0	24.0	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)
206	5.0	108.0
345	12.0	108.0
488	24.0	108.0

Comment :

FIELD BLEND

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

LOCATION WATER USED

LONG STRING 2D STAGE LEAD 4000' POD = 3:53

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

December 7, 1995

DATE OF TEST : 07-dec-1995

TEST NUMBER : NPD595400002

CUSTOMER : TEXACO
 FIELD : LEA NM
 WELL : L VAN ETEN 17

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

 $T_y : 28.383 \text{ lbf}/100 \text{ ft}^2$ $P_o : 18.666 \text{ cP}$

Correlation coefficient : 0.986

Thickening Time : 4 hr 2 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)
600	6.0	108.0
1260	12.0	108.0
1708	24.0	108.0

Comment :

FIELD BLEND

CLASS H NEAT

LOCATION WATER USED

LONG STRING 2D STAGE TAIL 4000'

Schlumberger

Dowell

CemDABE Cement Test Report

December 7, 1995

DATE OF TEST : 07-dec-1995

TEST NUMBER : NPD595400003

CUSTOMER : TEXACO
 FIELD : LEA NM
 WELL : L VAN ETEN 17

CEMENT

Class : H
 Blend : 5050
 Brand : LONESTAR
 Plant : MARYNEAL

BASE FLUID

Density : 8.32 lb/gal
 Volume : 6.21 gal/sk
 Type : LO
 Total liquid : 6.21 gal/sk

SLURRY

Density : 14.20 lb/gal
 Yield : 1.34 ft³/sk

B.H.S.T. : 115.0 F

B.H.C.T. : 100.0 F

ADDITIVES		
Code	Concent.	Unit
D020	2.000	% BWOC
D029	0.280	% 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

 τ_0 : 33.125 lbf/100ft² μ_0 : 18.076 cP

Correlation coefficient : 1.000

Thickening Time : 4 hr32 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	51.0	0.0
200.0	45.0	0.0
100.0	39.0	0.0
60.0	0.0	0.0
30.0	0.0	0.0
6.0	24.0	0.0
3.0	18.0	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)
160	6.0	115.0
480	12.0	115.0
1200	24.0	115.0

Comment :

FIELD BLEND

50/50 POZ/H + 2% D20 + 5% D44(BWOW) + 1/4PPS D29

LOCATION WATER USED

LONG STRING 1ST STAGE 5575' POD=3:27