

DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

P.O. Box Drawer DD, Artesia, NM 88210

DISTRICT III

1000 Ric Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

WELL API NO.

30-025-33148

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil / Gas Lease No.

7. Lease Name or Unit Agreement Name

VACUUM '36' STATE COM

8. Well No.

1

9. Pool Name or Wildcat

1000 Ric Brazos Rd. Aztec

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 2085 Feet From The SOUTH Line and 710 Feet From The EAST Line
Section 36 Township 17-S Range 34-E NMPM LEA COUNTY

10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3987'

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: ☐ PRODUCTION 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. DRILLED 7 7/8" HOLE TO 11500' TD @ 2:00 PM 12-06-95.
2. R J SCHLUMBERGER, RN #1 SCONIC, NGT 11500' TO 5300'. #2 DLL, MSFL, LDT, GR 11500 TO 5300', GR TO SURF.
3. RAN 24 JOINTS OF 5 1/2, 17#, S-95 LTC(1052'), 230 JOINTS OF 17# L80, LTC CASING SET @ 11500'. FC @ 11460'. DV TOOL @ 7992'.
4. DOWELL CEMENTED: 1ST STAGE - 500 SACKS CLASS H W/ 2% GEL, 5% SALT, .35% D800, 1/4# FLOCELE (14.2 PPG, 1.35 CF/S). FB 300 SACKS 50/50 POZ CLASS H W/ 2% GEL, 5% SALT, .25% D800 1/4# FLOCELE (14.2 PPG, 1.35 CF/S). PLUG DOWN @ 4:00 PM 12-16-96. PLUG DOWN @ 4:00 P.M. 12-16-95. BUMPED PLUG, OPENED DV TOOL. CIRC DV TOOL. CIRC 135 SACKS CMT OFF DV TOOL.
5. DOWELL CEMENTED IN 2ND STAGE W/ 900 SACKS 35/65 POZ H 6% GEL, 5% SALT, 14# FLOCELE (12.8 PPG, 1.94 CF/S) FB 200 SACKS 50/50 POZ H W/ 2% GEL, 5% SALT, 1/4# FLOCELE (14.2 PPG, 1.35 CF/S) PLUG DOWN @ 11:30 PM 12-16-95.
6. NO. RELEASE RIG @ 12:30 PM 12-17-95.
7. 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 12/18/95

TYPE OR PRINT NAME C. P. Basham

Telephone No. (303)621-4851

(This space for State Use)

APPROVED BY TITLE

DATE

JAN 30 1996

CONDITIONS OF APPROVAL, IF ANY:



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

December 8, 1995

DATE OF TEST : 08-dec-1995

TEST NUMBER : NPD594700004

CUSTOMER : TEXACO DRLG
FIELD : LEA NM
WELL : VAC 36 ST COM 1

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	0.280	% BWOC
D044	5.000	% BWOW

B.H.S.T. : 136.0 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

 $T_y : 32.790 \text{ lbf}/100\text{ft}^2$ $K_v : 19.582 \text{ cP}$

Correlation coefficient : 0.999

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	5.0
R.P.M.	Dial 1	Dial 2
300.0	52.0	0.0
200.0	46.0	0.0
100.0	39.0	0.0
60.0	0.0	0.0
30.0	0.0	0.0
6.0	27.0	0.0
3.0	24.0	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	136.0
800	12.0	136.0
1300	24.0	136.0

Comment :

FIELD BLEND

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

LOCATION WATER USED

LONG STRING 2ND STAGE TAIL 8000' POD=1:44



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

December 3, 1995

DATE OF TEST : 03-dec-1995

TEST NUMBER : NPD594700001

CUSTOMER : TEXACO DRLG
FIELD : LEA NM
WELL : VAC 36 ST COM 1

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

BASE FLUID

Density : 8.32 lb/gal
Volume : 6.19 gal/sk
Type : LO
Total liquid : 6.19 gal/sk

SLURRY

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

ADDITIVES		
Code	Concent.	Unit
D020	2.000	% BWOC
D029	0.280	% BWOC
D044	5.000	% BWOW
D800	0.350	% BWOC

B.H.S.T. : 175.0 F

B.H.C.T. : 142.0 F

Rheological model (Dial 1) : Bingham Plastic

 $T_y : 16.730 \text{ lbf}/100 \text{ ft}^2$ $P_y : 21.089 \text{ cP}$

Correlation coefficient : 0.987

Thickening Time : 4 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	37.0	0.0
200.0	32.0	0.0
100.0	23.0	0.0
60.0	0.0	0.0
30.0	0.0	0.0
6.0	18.0	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)
900	12.0	175.0
1250	24.0	175.0
0	0.0	0.0

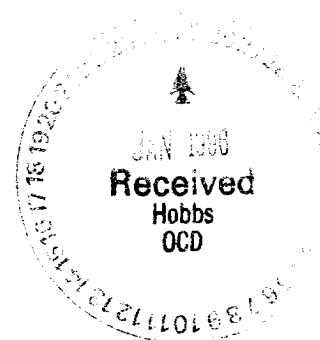
Comment :

FIELD BLEND

50/50 POZ/H + 2% D20 + 5% D44(BWOW) + 1/4PPS D29 + 0.35% D800

LOCATION WATER USED

LONG STRING 1ST STAGE 11500' POD=2:53



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

December 6, 1995

DATE OF TEST : 25-nov-1995

TEST NUMBER : NPD592000001

CUSTOMER : TEXACO
FIELD : LEA NM
WELL : VAC 36 ST COM 1

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

BASE FLUID
 Density : 8.32 lb/gal
 Volume : 6.20 gal/sk
 Type : LO
 Total liquid : 6.31 gal/sk

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

ADDITIVES		
Code	Concent.	Unit
D020	2.000	% BWOC
D029	0.250	% BWOC
D044	5.000	% BWOW
D800	0.250	% BWOC

B.H.S.T. : 150.0 F
 B.H.C.T. : 129.0 F

Rheological model (Dial 1) : Bingham Plastic

 T_y : 18.737 lbf/100ft² P_0 : 21.089 cP

Correlation coefficient : 0.987

Thickening Time : 4 hr10 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)	Dial 1	Dial 2
75.0	0.0	0.0
R.P.M.	Dial 1	Dial 2
300.0	39.0	0.0
200.0	34.0	0.0
100.0	25.0	0.0
60.0	0.0	0.0
30.0	0.0	0.0
6.0	16.0	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)
150	6.0	150.0
839	12.0	150.0
1300	24.0	150.0

Comment :

FIELD BLEND

50/50PQZ/H + 2%D20 + 5%D44(BWOW) + 1/4PPSD29 + 0.25%D800

LOCATION WATER USED

LONG STRING 1ST STAGE TAIL 11500' POD = 2:10



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

December 4, 1995

DATE OF TEST : 04-dec-1995

TEST NUMBER : NPD594700003

CUSTOMER : TEXACO
FIELD : LEA NM
WELL : VACUUM 36 STATE COM1

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. : 136.0 F
B.H.C.T. : 114.0 F

Rheological model (Dial 1) : Bingham Plastic

 T_y : 27.102 lbf/100ft² P_y : 9.038 cP

Correlation coefficient : 1.000

Thickening Time : 5 hr51 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	36.0	0.0
200.0	33.0	0.0
100.0	30.0	0.0
60.0	0.0	0.0
30.0	0.0	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)
220	6.0	136.0
340	12.0	136.0
450	24.0	136.0

Comment :

FIELD BLEND

35/65P02/H + 6%D20 + 5%D44(BWOW) + 1/4PPSD29

LOCATION WATER USED

LONG STRING 2ND STAGE LEAD 8000' POD = 3:10

