

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. 30-025-33148
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 11-3/4" HOLE

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 I 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: ☒ SPUD, SURF CSG, INTERMEDIATE 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.

- NAIBORS RIG #502 SPUD 14.750 INCH HOLE @ 11:30 AM 11-04-95. DRILLED TO 1503'. TD @ 10:15 AM 11-05-95.
- RAIN FLOAT SHOE 1 JOINT OF 11- 3/4, 42#, WC-40, INSERT FLOAT 34 JTS, 11-3/4", 42#, WC-40, STC. 1486'. SET @ 1503'. RAIN 14 CENTRALIZERS.
- DO WELL CEMENTED WITH 600 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 @ 8:30 AM 11-06-95. CIRCULATED 116 SACKS.
- NU BOP & TESTED TO 1500#. TESTED CASING TO 1500# FOR 30 MINUTES FROM 4:00 PM TO 4:30 PM 11-07-95.
- WOC TIME 32 HOURS FROM 8:30 AM 11-06-95 TO 4:30 PM 11-07-95.
- DR LING 11.750" HOLE.
- DRILLED 11.750" HOLE. DRILLED TO 5300'. TD @ 2:00 PM 11-14-95.
- RA V 3 JOINTS OF 8 5/8", HCK55, (129'), 7 JOINTS OF S80 (304'), 117 JOINTS, K-55, (4867') FC @ 5214'. DV TOOL @ 4022'.
- DOWELL CMTD 1ST STAGE W/ 200 SACKS 35/65 POZ CLASS H W/ 6% GEL, 5% SALT, 1/4# FLOCELE (12.8 PPG, 1.94 CF/S). F/B 150 SACKS 50/50 POZ CLASS H NEAT (15.6 PPG, 1.19 CF/S). PLUG DOWN @ 12:00 PM 11-17-95. DID NOT CIRC CMT. DOWELL CMT 2ND STAGE W/ 1300 SACKS 35/65 POZ. FB 50 SACKS CL H. PLUG DOWN 8:15 P.M. 11-17-95. CIRC 236 SACKS TO PIT.
- TEST DV TOOL TO 1500# 2:00 PM TO 2:30 PM 11-18-95. TESTED CSG TO 1500# FOR 30 MINUTES FROM 4:00 PM TO 4:30 PM 11-18-95.
- WOC TIME 28 HOURS FROM 12:00 PM 11-17-95 TO 4:00 PM 11-18-95.
- DRILLING 7 7/8" HOLE.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE C. P. Basham TITLE Drilling Operations Mgr. DATE 11/20/95
TYPE OR PRINT NAME C. P. Basham Telephone No. (303)621-4851

(This space for State Use)

ORIGINAL SIGNED BY GARY WINK TITLE FIELD REP. II DATE JAN 30 1996
APPROVED BY GARY WINK TITLE FIELD REP. II
CONDITIONS OF APPROVAL, IF ANY: FIELD REP. II

Schlumberger
Dowell

CemDABE Cement Test Report

November 4, 1995

DATE OF TEST : 04-nov-1995

TEST NUMBER : NPD586900001

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

CEMENT
Class : C
Blend :
Brand : LONESTAR
Plant : MARYNEAL

BASE FLUID

Density : 8.32 lb/gal
Volume : 9.11 gal/sk
Type : LO
Total liquid : 9.11 gal/sk

SLURRY

Density : 13.50 lb/gal
Yield : 1.74 ft³/sk

B.H.S.T. : 92.0 F

B.H.C.T. : 88.0 F

ADDITIVES		
Code	Concent.	Unit
D020	4.000	% 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 : 8.030 lbf/100ft²

P_a : 7.532 cP

Correlation coefficient : 0.945

Thickening Time : 6 hr17 mn to 70 BC

API Schedule :

Set condition :

Consistency 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	15.0	0.0
200.0	14.0	0.0
100.0	10.0	0.0
60.0	0.0	0.0
30.0	0.0	0.0
6.0	4.0	0.0
3.0	3.0	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	92.0
500	12.0	92.0
800	24.0	92.0

Comment :

FIELD BLEND

C + 4% D20 + 2% S1

LOCATION WATER USED

SURFACE LEAD 1500' POD=3:33

Schlumberger

Dowell

CemDABE Cement Test Report

November 6, 1995

DATE OF TEST : 06-nov-1995

TEST NUMBER : NPD586900002

CUSTOMER : TEXACO
FIELD : LEA NM
WELL : VACUUM 36 ST COMM 1

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. : 92.0 F

B.H.C.T. : 88.0 F

ADDITIVES		
Code	Concent.	Unit
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 : 21.414 lbf/100ft²

P_v : 13.557 cP

Correlation coefficient : 0.998

Thickening Time : 3 hr44 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	35.0	0.0
200.0	30.0	0.0
100.0	26.0	0.0
60.0	0.0	0.0
30.0	0.0	0.0
6.0	17.0	0.0
3.0	13.0	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	92.0
1400	12.0	92.0
2000	24.0	92.0

Comment :

FIELD BLEND

C + 2% S1

LOCATION WATER USED

SURFACE TAIL 1500' POD=1:06

Schlumberger

Dowell

CemDABE Cement Test Report

November 10, 1995

DATE OF TEST : 10-nov-1995

TEST NUMBER : NPD588400001

CUSTOMER : TEXACO
FIELD : LEA NM
WELL : VACUUM 36 STATE 1

CEMENT
Class : H
Blend : 3565
Brand : LONESTAR
Plant : MARYNEAL

BASE FLUID

Density : 8.32 lb/gal
Volume : 12.05 gal/sk
Type : LO
Total liquid : 12.05 gal/sk

SLURRY

Density : 12.40 lb/gal
Yield : 2.13 ft³/sk

B.H.S.T. : 117.0 F
B.H.C.T. : 106.0 F

ADDITIVES		
Code	Concent.	Unit
D020	6.000	% BWOC
D029	0.250	% 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

T_y : 21.748 lbf/100ft²

P_0 : 12.051 cP

Correlation coefficient : 0.990

Thickening Time : 6 hr48 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	34.0	0.0
200.0	29.0	0.0
100.0	26.0	0.0
60.0	0.0	0.0
30.0	0.0	0.0
6.0	17.0	0.0
3.0	9.0	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)
180	6.0	117.0
290	12.0	117.0
400	24.0	117.0

Comment :

FIELD BLEND

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

LOCATION WATER USED

INTERMEDIATE LEAD 5300' POD = 2:40

0011

70100000001 1011111

0000111111111

01:21 NOV 08-07-AON



Schlumberger
Dowell

CemDABE Cement Test Report

November 10, 1995
DATE OF TEST : 10-nov-1995

TEST NUMBER : NPD588400002

CUSTOMER : TEXACO
FIELD : LEA NM
WELL : VACUUM 36 STATE 1

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

BASE FLUID
Density : 8.32 lb/gal
Volume : 5.28 gal/sk
Type : LO
Total liquid : 5.28 gal/sk

SLURRY
Density : 15.60 lb/gal
Yield : 1.18 ft³/sk

B.H.S.T. : 117.0 F
B.H.C.T. : 106.0 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 : 8.030 lb f/100 ft²
 P_v : 18.076 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	26.0	0.0
200.0	20.0	0.0
100.0	14.0	0.0
60.0	0.0	0.0
30.0	0.0	0.0
6.0	6.0	0.0
3.0	4.0	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)
670	6.0	117.0
1280	12.0	117.0
1800	24.0	117.0

Comment :

FIELD BLEND
CLASS H-NEAT
LOCATION WATER USED
INTERMEDIATE TAIL 5300'