

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.	30-015-28401
5. Indicate Type of Lease	STATE ☒ FEE ☐
6. State Oil / Gas Lease No.	
7. Lease Name or Unit Agreement Name	REMUDA BASIN ☒ STATE
8. Well No.	3
9. Pool Name or Wildcat	
10. Elevation (Show whether DF, RKB, RT, GR, etc.)	3074'

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 K 1980 Feet From The SOUTH Line and 1980 Feet From The WEST Line
Section 30 Township 23-S Range 30-E NMPM EDDY COUNTY

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

3074'

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.

- PETERSON RIG SPUD 14.75 INCH HOLE @ 6:30 PM 06-26-95. DRILLED TO 410'. TD @ 1:00 AM 06-27-95.
- RAN 10 JOINTS OF 11.75", 42# WC-40, STC CASING SET @ 410'. RAN 5 CENTRALIZERS.
- DOWELL CEMENTED WITH 250 SACKS CLASS C W/ 2% GEL, 2% CACL2 (14.2 PPG, 1.50 CF/S). PLUG DOWN @ 6:15 AM 06-27-95. DID NOT CIRCULATE CEMENT. RAN TEMP SURVEY. FOUND TOC @ 50'.
- NU BOP & TESTED TO 1200#. TESTED CASING TO 1000# FOR 30 MINUTES FROM 5:00 PM TO 5:30 PM 06-28-95.
- WOC TIME 34-3/4 HOURS FROM 6:15 AM TO 5:00 PM 06-28-95.
- DRILLING 11 INCH HOLE.
- DRILLED 11 INCH HOLE TO 3220'. TD @ 3:30 PM 07-02-95.
- RAN 77 JOINTS OF 8 5/8, 24# WC-50, STC CASING SET @ 3220'. RAN 14 CENTRALIZERS.
- DOWELL CEMENTED W/ 700 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 CLASS H NEAT (15.6 PPG, 1.18 CF/S). PLUG DOWN @ 1:45 AM 07-03-95. CIRCULATED 60 SACKS.
- NU BOP AND TESTED TO 1200#. TESTED CASING TO 1200# FOR 30 MINUTES FROM 11:30 AM TO 12:00 PM 07-03-95.
- WOC TIME 9 3/4 HOURS FROM 1:45 AM TO 11:30 AM 07-03-95. REQUIREMENTS OF RULE 107, OPTION 2:
 - VOLUME OF CEMENT SLURRY: LEAD 1358 (CU. FT.), TAIL 177 (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: 1011 PSI.
 - ACTUAL TIME CEMENT IN PLACE PRIOR TO TESTING: 9 3/4 HOURS. DRILLING 7 7/8" HOLE.
- DRILLED 7 7/8 HOLE TO 8550'. TD @ 4:45 AM 07-11-95.
- HLS RAN LOG #1: AIT-LDT-CNL-NGT-GR-WLTD = 8499'. RN MSCT CORING TOOL & CORED 26 TIMES FROM 4069'-8254'. 07-13-95.
- RAN 67 JOINTS OF 5-1/2", 17#, K-55, 2948' & 125 JTS OF 5-1/2", 15.5# K-55, 5563' OF CSG. STC CASING SET @ 8500'. DV TOOL @ 5026'.
- DOWELL CEMENTED 1ST STAGE W/ 900 SACKS 50/50 POZ CLASS H W/ 2% GEL, 5% SALT, 1/4# FLOCELE (14.2 PPG, 1.35 CF/S). F/B 750 SACKS IN 2ND STAGE 50/50 POZ CLASS H W/ 2% GEL, 5% SALT, 1/4 FLOCELE (14.2 PPG, 1.35 CF/S). PLUG DOWN @ 2:12 AM 07-13-95. CLOSED DV TOOL. DID NOT CIRCULATE CMT. TOP OF CMT BY TEMP SURVEY @ 1600'.
- ND. RELEASE RIG @ 7:00 PM 07-13-95. 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 7/14/95

TYPE OR PRINT NAME C. P. Basham

Telephone No. (303)621-4851

(This space for State Use) ORIGINAL SIGNED BY TIM W. GUM
DISTRICT II SUPERVISOR

APPROVED BY TITLE

DATE NOV 20 1995

CONDITIONS OF APPROVAL, IF ANY:

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

June 27, 1995

DATE OF TEST : 27-jun-1995

TEST NUMBER : NPD548000001

CUSTOMER : TEXACO
FIELD : EDDY NM
WELL : REMUDA BASIN ST 3

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

Rheometer type : Fann 35

Spring factor : 1.0

Bob No : 1

Rotor No : 1

Rheological model (Dial 1) : Bingham Plastic

 $T_y : 20.437 \text{ lbf}/100\text{ft}^2$ $P_o : 18.970 \text{ cP}$

Correlation coefficient : 0.989

Thickening Time : 2 hr10 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	39.0	0.0
200.0	33.0	0.0
100.0	28.0	0.0
60.0	23.0	0.0
30.0	20.0	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)
610	6.0	90.0
1390	12.0	90.0
1875	24.0	90.0

Comment :

FIELD BLEND

CLASS C + 2% S1

LOCATION WATER USED

SURFACE 400' POD = 1:05

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

June 30, 1995

DATE OF TEST : 29-jun-1995

TEST NUMBER : NPD549100001

CUSTOMER : TEXACO
FIELD : EDDY NM
WELL : REMUDA BASIN 30 ST 3

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

BASE FLUID

Density : 8.32 lb/gal
Volume : 11.50 gal/sk
Type : LO
Total liquid : 11.50 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. : 102.0 F

B.H.C.T. : 94.0 F

Rheological model (Dial 1) : Bingham Plastic

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

Correlation coefficient : 1.000

Thickening Time : 11 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	36.0	0.0
200.0	33.0	0.0
100.0	30.0	0.0
60.0	29.0	0.0
30.0	28.0	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)
122	6.0	102.0
245	12.0	102.0
309	24.0	102.0

Comment :

FIELD BLEND

35/6SP0Z/H + 6%D20 + 5%D44(BWOW) + 1/4#/SKD29

LOCATION WATER USED

INTERMEDIATE LEAD 3200'

Schlumberger

Dowell

CemDABE Cement Test Report

June 30, 1995

DATE OF TEST : 30-jun-1995

TEST NUMBER : NPD549100002

CUSTOMER : TEXACO
FIELD : EDDY NM
WELL : REMUDA BASIN 30 ST 3

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

BASE FLUID
Density : 8.32 lb/gal
Volume : 5.60 gal/sk
Type : LO
Total liquid : 5.60 gal/sk

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

B.H.S.T. : 102.0 F

B.H.C.T. : 94.0 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 : 28.635 lbf/100ft²

P_o : 19.578 cP

Correlation coefficient : 0.979

Thickening Time : 3 hr55 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	48.0	0.0
200.0	41.0	0.0
100.0	37.0	0.0
60.0	31.0	0.0
30.0	27.0	0.0
6.0	25.0	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)
630	6.0	102.0
1239	12.0	102.0
1749	24.0	102.0

Comment :

FIELD BLEND
CLASS H-NEAT
LOCATION WATER USED
INTERMEDIATE TAIL 3200'