

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

A. M. OIL CONS. C. HOBBES
P. O. BOX 1080
HOBBES, NEW MEXICO 88240

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT --" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well: ☒ OIL WELL ☐ GAS WELL ☐ OTHER

2. Name of Operator
TEXACO EXPLORATION & PRODUCTION INC.

3. Address and Telephone No. P.O. Box 46510, Denver Colorado 80201-6510 (303)621-48

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Unit Letter O : 330 Feet From The SOUTH Line and 2310 Feet From The EAST Line Section 26 Township 24S Range 37E

5. Lease Designation and Serial No.

NM-14218

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and Number

C. C. FRISTOE 'B' FEDERAL NCT-2

16

9. API Well No.

30-025-33235

10. Field and Pool, Exploratory Area

JUSTICE BLINBRY / JUSTICE TUBB DRINKARD

11. County or Parish, State

LEA, NM

12. Check Appropriate Box(s) To Indicate Nature of Notice, Report, or Other Data

TYPE OF SUBMISSION

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing

☒ OTHER: SPUD, SURF, PROD CSG

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log Form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

1. NABORS RIG SPUD 11 INCH HOLE @ 6:00 PM 02-02-96. DRILLED TO 1012'. TD @ 4:00 AM 02-03-96.
2. RAN 23 JOINTS OF 8 5/8, 24#, WC-50, STC CASING SET @ 1012'. RAN 10 CENTRALIZERS.
3. DOWELL CEMENTED W/ 800 SACKS CLASS C W/ 4% GEL, 2% CACL2, 1/4 FLOCELE, (13.5 PPG, 1.74 CF/S) F/B 325 SACKS CLASS C NEAT (14.8 PPG, 1.32 CF/S). PLUG DOWN @ 11:30 AM 02-03-96. CIRCULATED 96 SACKS.
4. NU BOP & TESTED TO 1000#. TESTED CASING TO 1000# FOR 30 MINUTES FROM 11:30 PM TO 12:00 PM 02-03-96.
5. WOC TIME 12 HOURS FROM 11:30 AM TO 11:30 PM 02-03-96.
6. DRILLING 7-7/8 INCH HOLE.
7. DRILLED 7-7/8 INCH HOLE TO 6500'. TD @ 1:45 AM 02-13-96.
8. SCHLUMBERGER RAN LOG: 1ST: GR-DLL-MSFL-BCH 6500-2300'. 2ND: GR-CNL-LDT 6500-2300'. GR-CNL TO SURFACE.
9. RAN 48 JOINTS OF 5-1/2", 17# (2103.63'), L-80. 102 JOINTS 5-1/2", 15.5# (4409.17'), WC-50.
10. DOWELL CEMENTED 1ST STAGE WITH 50 SACKS 35/65 POZ CLASS H W/6% GEL, 5% CACL2, 1/4 FLOCELE, (12.8 PPG, 1.94 CF/S). F/B 500 SACKS 50/50 POZ CLASS H W/ 2% GEL, 5% CACL2, 1/4 FLOCELE, (14.2 PPG, 1.35 CF/S). PD @ 8:45 A.M. CIR 275 SACKS TO PIT. OPEN DV TOOL AND CIRC BETWEEN STAGES. DOWELL CEMENTED IN THE 2ND STAGE WITH 1100 SACKS 35/65 POZ CLASS H W/6% GEL, 5% CACL2, 1/4 FLOCELE. (12.8 PPG, 1.94 CF/S). F/B 100 SACKS CLASS H NEAT (15.6 PPG, 1.18 CF/S). PD @ 4:45 P.M. 02-14-96.
11. ND. RELEASE RIG @ 9:00 PM. 02-14-96.
12. PREP TO COMPLETE.

HOBBES INSPECTION OFFICE
ACCEPTED FOR RECORD

DATE 3/11/96

SIGNATURE [Signature]

14. I hereby certify that the foregoing is true and correct

SIGNATURE C. P. [Signature] TITLE Eng. Assistant.

DATE 2/15/96

TYPE OR PRINT NAME Sheilla D. Reed-High

(This space for Federal or State office use)

APPROVED

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

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

February 2, 1996

DATE OF TEST : 02-feb-1996

TEST NUMBER : NPD610300001

CUSTOMER : TEXACO
FIELD : LEA NM
WELL : CC FRISROE B FED 16

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. : 90.0 F

B.H.C.T. : 85.0 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 : 24.425 lbf/100ft² P_0 : 13.557 cP

Correlation coefficient : 0.998

Thickening Time : 3 hr52 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	38.0	0.0
200.0	33.0	0.0
100.0	29.0	0.0
60.0	0.0	0.0
30.0	0.0	0.0
6.0	15.0	0.0
3.0	11.0	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)
240	6.0	90.0
490	12.0	90.0
790	24.0	90.0

Comment :

FIELD BLEND

C + 4% D20 + 2% S1

LOCATION WATER USED

SURFACE LEAD 1000' POD=2:10

Schlumberger

Dowell

CemDABE Cement Test Report

February 2, 1996

DATE OF TEST : 02-feb-1996

TEST NUMBER : NPD610300002

CUSTOMER : TEXACO
FIELD : LEA NM
WELL : CC FRISTOE B FED 16

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

No additives

Rheometer type : Fann 35

Spring factor : 1.0

Bob No : 1

Rotor No : 1

Rheological model (Dial 1) : Bingham Plastic

T_y : 19.741 lbf/100ft²

P_y : 15.063 cP

Correlation coefficient : 0.993

Thickening Time : 5 hr12 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	29.0	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	12.0	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)
405	6.0	90.0
1415	12.0	90.0
2088	24.0	90.0

Comment :

FIELD BLEND

CLASS C NEAT

LOCATION WATER USED

SURFACE TATT 1000'

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

February 15, 1996

DATE OF TEST : 13-feb-1996

TEST NUMBER : NPD612500001

CUSTOMER : TEXACO DRLG
FIELD : LEA NM
WELL : CC FRISTOE B FED 16

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	0.280	% BWOC
D044	5.000	% BWOW

B.H.S.T. : 124.0 F

B.H.C.T. : 112.0 F

Rheometer type : Fann 35

Spring factor : 1.0

Bob No : 1

Rotor No : 1

Rheological model (Dial 1) : Bingham Plastic

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

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	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)
150	6.0	124.0
250	12.0	124.0
320	24.0	124.0

Comment :

FIELD BLEND

35/65 POZ/H + 6%D20 + 5% D44(BWOW) + 1/4PPS D29

LOCATION WATER USED

LONG STRING 1ST STAGE LEAD 6500' POD=3:33

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

February 13, 1996

DATE OF TEST : 13-feb-1996

TEST NUMBER : NPD612500003

CUSTOMER : TEXACO DRLG
FIELD : LEA NM
WELL : CC FRISTOE B FED 16

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. : 124.0 F

B.H.C.T. : 112.0 F

Rheometer type : Fann 35

Spring factor : 1.0

Bob No : 1

Rotor No : 1

Rheological model (Dial 1) : Bingham Plastic

 $T_y : 26.098 \text{ lbf}/100\text{ft}^2$ $P_v : 10.544 \text{ cP}$

Correlation coefficient : 0.971

Thickening Time : 4 hr 0 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	37.0	0.0
200.0	32.0	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)
100	6.0	124.0
800	12.0	124.0
1300	24.0	124.0

Comment :

FIELD BLEND

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

LOCATION WATER USED

LONG STRING 1ST STAGE TAIL 4000' POD=3:18

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

February 15, 1996

DATE OF TEST : 14-feb-1996

TEST NUMBER : NPD612500004

CUSTOMER : TEXACO
FIELD : LEA N M
WELL : C C FRISTO B FED 16

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

B.H.S.T. : 108.0 F

B.H.C.T. : 98.0 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

 $T_y : 14.722 \text{ lbf}/100 \text{ ft}^2$ $P_0 : 15.063 \text{ cP}$

Correlation coefficient : 0.908

Thickening Time : 8 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	31.0	0.0
200.0	22.0	0.0
100.0	21.0	0.0
60.0	0.0	0.0
30.0	0.0	0.0
6.0	11.0	0.0
3.0	7.0	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)
120	6.0	108.0
240	12.0	108.0
300	24.0	108.0

Comment :

FIELD BLEND

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

LOCATION WATER USED

LONG STRING 2ND STAGE LEAD 4000' POD = 4:20

Schlumberger

Dowell

CemDABE Cement Test Report

February 13, 1996

DATE OF TEST : 13-feb-1996

TEST NUMBER : NPD612500002

CUSTOMER : TEXACO DRLG
FIELD : LEA NM
WELL : CC FRISTOE B FED 16

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

BASE FLUID
Density : 8.32 lb/gal
Volume : 5.32 gal/sk
Type : LO
Total liquid : 5.32 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 : 25.094 lbf/100ft²

P_v : 18.076 cP

Correlation coefficient : 1.000

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	43.0	0.0
200.0	37.0	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	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)
700	6.0	108.0
1300	12.0	108.0
1800	24.0	108.0

Comment :

FIELD BLEND

CLASS H NEAT

LOCATION WATER USED

LONG STRING 2ND STAGE TAIL 4000'