

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division
P.O. Box 1980
Hobbs, NM 88241

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 2100, Denver Colorado 80201

(303)621-4851

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

Unit Letter I : 2450 Feet From The SOUTH Line and 1225 Feet From The

EAST Line Section 35 Township 24-S Range 37-E

5. Lease Designation and Serial No.

LC-057509

6. If Indian, Alottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and Number

G. L. ERWIN 'B' FEDERAL NCT-2

10

9. API Well No.

30-025-33803

10. Field and Pool, Exploratory Area

JUSTIS TUBB DRINKARD/ JUSTIS TUBB DRINKARD

11. County or Parish, State

LEA, NM

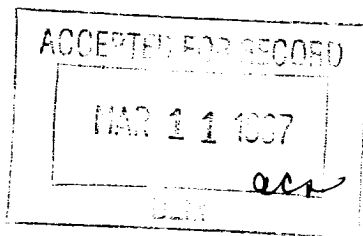
12. Check Appropriate Box(s) To Indicate Nature of Notice, Report, or Other Data

TYPE OF SUBMISSION	TYPE OF ACTION
☐ Notice of Intent	☐ Abandonment
☒ Subsequent Report	☐ Recompletion
☐ Final Abandonment Notice	☐ Plugging Back
	☐ Casing Repair
	☐ Altering Casing
	☐ OTHER: <u>SPUD, SURF, PROD CSG</u>
	☐ 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.)

- NABORS RIG #348 SPUD 11 INCH HOLE @ 6:00 PM 02-09-97. DRILLED TO 1046'. TD @ 12:45 PM 02-11-97.
- RAN 25 JOINTS OF 8 5/8 INCH, 24#, WC-50, STC CASING SET @ 1046'. RAN 10 CENTRALIZERS.
- DOWELL CEMENTED WITH 325 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, 1.32 CF/S). PLUG DOWN @ 6:30 PM 02-10-97. CIRCULATED 64 SACKS.
- NU BOP & TESTED TO 1000#. TESTED CASING TO 1500# FOR 30 MINUTES FROM 9:45 AM TO 10:15 AM 02-11-97.
- WOC TIME 15 HOURS AND 15 MINUTES FROM 6:30 PM 02-10-97 TO 9:45 AM 02-11-97.
- DRILLING 7 7/8 INCH HOLE.
- DRILLED 7 7/8 INCH HOLE TO 6383'. TD @ 6:30 PM 02-19-97.
- RAN 148 JOINTS OF 5 1/2 INCH, 15.5#, WC-50, LTC CASING SET @ 6383'.
- DOWELL CEMENTED: 1ST STAGE - 700 SACKS 50/50 POZ CLASS H W/2% GEL, 5% SALT, 1/4# FLOCELE (14.2 PPG, 1.35 CF/S). DV TOOL @ 4000'. 2ND STAGE - 600 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 CLASS H NEAT (15.6 PPG, 1.18 CF/S). PLUG DOWN @ 2:05 PM 02-20-97. CIRCULATED 42 SACKS.
- ND. RELEASE RIG @ 6:00 AM 02-21-97.
- PREP TO COMPLETE.



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

SIGNATURE C. P. Basham / SRH TITLE Eng. Assistant.

DATE 3/5/97

TYPE OR PRINT NAME Sheilla D. Reed-High

(This space for Federal or State office use)

APPROVED

CONDITIONS OF APPROVAL, IF ANY: _____ TITLE _____ DATE _____

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Schlumberger
Dowell

CemDABE Cement Test Report

February 20, 1997
DATE OF TEST : 20-feb-1997

TEST NUMBER : NPD713300001

CUSTOMER : TEXACO
FIELD : LEA NM
WELL : G L ERWIN B FED 10

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

B.H.S.T. : 119.0 F
B.H.C.T. : 110.0 F

ADDITIVES		
Code	Concent.	Unit
D020	2.000	% 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 : 14.788 lb f/100 ft²
 P_y : 12.374 cP
Correlation coefficient : 1.000

Thickening Time : 3 hr22 mn to 70 BC
API Schedule : 4G2
Set condition : M
Consistometer serial number : 606

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	27.0	0.0
200.0	23.0	0.0
100.0	19.0	0.0
60.0	17.0	0.0
30.0	16.0	0.0
6.0	13.0	0.0
3.0	6.0	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)
95	6.0	119.0
780	12.0	119.0
1290	24.0	119.0

Comment :

FIELD BLEND
50/50POZ/H + 2%D20 + 5%D44(BWOW) + 0.25PPSD29
LOCATION WATER USED
LONG STRNG 1ST STAGE 6400' POD = 2:20

**CemDABE Cement Test Report**

February 20, 1997

DATE OF TEST : 20-feb-1997

TEST NUMBER : NPD713300002

CUSTOMER : TEXACO
FIELD : LEA NM
WELL : G L ERWIN B FED 10

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 : 1.93 ft³/sk

ADDITIVES		
Code	Concent.	Unit
D020	6.000	% BWOC
D029	0.250	% BWOC
D044	5.000	% BWOW

B.H.S.T. : 104.0 F
B.H.C.T. : 98.0 F

Rheological model (Dial 1) : Bingham Plastic
 T_y : 15.349 lb_f/100 ft²
 P_0 : 6.772 cP
Correlation coefficient : 0.987

Thickening Time : 9 hr12 mn to 30 BC
API Schedule : 3G1
Set condition : P
Consistometer serial number : 617

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	22.0	0.0
200.0	20.0	0.0
100.0	17.0	0.0
60.0	17.0	0.0
30.0	16.0	0.0
6.0	16.0	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)
195	6.0	104.0
315	12.0	104.0
440	24.0	104.0

Comment :

FIELD BLEND
35/65POZ/H + 6%D20 + 5%D44(BWOW) + 0.25PPSD29
LOCATION WATER USED
LONG STRING 2ND STAGE LEAD 4000'

Schlumberger
Dowell

CemDABE Cement Test Report

February 20, 1997
DATE OF TEST : 20-feb-1997

TEST NUMBER : NPD713300003

CUSTOMER : TEXACO
FIELD : LEA NM
WELL : G L ERWIN B FED 10

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. : 104.0 F
B.H.C.T. : 97.0 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 : 29.888 lbf/100ft²
 P_o : 16.843 cP
Correlation coefficient : 0.993

Thickening Time : 4 hr 5 mn to 70 BC
API Schedule : 3G1
Set condition : M
Consistometer serial number : 617

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	33.0	0.0
30.0	29.0	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)
685	6.0	104.0
1280	12.0	104.0
1790	24.0	104.0

Comment :

FIELD BLEND
CLASS H-NEAT
LOCATION WATER USED
LONG STRNG 2ND STAGE TAIL 4000' POD = 3:10