

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. OIL CONS. COMMISSION
P.O. BOX 1980
DOBBS, 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 P : 900 Feet From The SOUTH Line and 990 Feet From The
EAST Line Section 35 Township 24-S Range 37-E

5. Lease Designation and Serial No.
NM-LC 057509

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and Number
ERWIN, G.L. 'B' FEDERAL
9

9. API Well No.
30-025-33384

10. Field and Pool, Exploratory Area
JUSTIS BBRY/ JUSTISTUBB DRINKARD/ABO

11. County or Parish, State
LEA, NEW MEXICO

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

TYPE OF SUBMISSION

TYPE OF ACTION

- ☐ Notice of Intent
- ☒ Subsequent Report
- ☐ Final Abandonment Notice

- ☐ Abandonment
- ☐ Recompletion
- ☐ Plugging Back
- ☐ Casing Repair
- ☐ Altering Casing
- ☒ OTHER: SPUD,SURF CSG,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 #348 SPUD 11 INCH HOLE @ 9:00 PM 05-20-96. DRILLED TO 1010'. TD @ 5:00 PM 05-21-96.
2. RAN 23 JOINTS OF 8 5/8 INCH, 24#, WC-50, STC CASING SET @ 1010'. RAN 8 CENTRALIZERS.
3. 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, 1.34 CF/S). PLUG DOWN @ 9:00 PM 05-21-96. CIRCULATED 48 SACKS.
4. NU BOP & TESTED TO 1200#. TESTED CASING TO 1200# FOR 30 MINUTES FROM 11:15 AM TO 11:45 AM 05-22-96.
5. WOC TIME 14.25 HOURS FROM 9:00 PM 05-21-96 TO 11:15 AM 05-22-96.
6. DRILLING 7 7/8 INCH HOLE.
7. DRILLED 7 7/8 INCH HOLE TO 6400'. TD @ 1:30 PM 05-30-96.
8. RU SCHLUMBERGER. RUN PLATFORM EXPRESS W/HALS/BOREHOLE COMPENSATED SONIC/NGT.
9. RAN 148 JOINTS OF 5 1/2 INCH, 17#, 15.5#, L-80, WC-50 AND CF-50, LTC CASING SET @ 6400'.
10. DOWELL CEMENTED: 1ST STAGE - 570 SACKS 50/50 POZ CLASS H W/ 6% GEL, 5% SALT, 1/4# FLOCELE (14.2 PPG, 1.35 CF/S). PLUG DOWN @ 21:15 HOURS 05-31-96. DROP DV OPENING TOOL. OPEN DV TOOL. 21:45-2230. 05-31-96. NO CIRC.
11. RUN TEMP SURVEY. FOUND TEMP CHANGE @ 750' FROM SURFACE.
12. ND. RELEASE RIG @ 7:00 AM 06-01-96.
13. PREP TO COMPLETE.

ACCEPTED FOR RECORD

I hereby certify that the foregoing is true and correct

SIGNATURE C. P. Jackson / SRA TITLE Eng. Assistant.

DATE 6/4/96

TYPE OR PRINT NAME Sheila 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**

May 30, 1996

DATE OF TEST : 29-may-1996

TEST NUMBER : NPD637900001

CUSTOMER : TEXACO
 FIELD : LEA NM
 WELL : G L ERWIN B FED 9

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	0.250	% BWOC
D044	5.000	% BWOW

B.H.S.T. : 116.0 F

B.H.C.T. : 109.0 F

Rheological model (Dial 1) : Bingham Plastic

 $T_y : 10.707 \text{ lbf}/100 \text{ ft}^2$ $P_o : 15.063 \text{ cP}$

Correlation coefficient : 0.974

Thickening Time : 8 hr30 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	25.0	0.0
200.0	22.0	0.0
100.0	15.0	0.0
60.0	0.0	0.0
30.0	0.0	0.0
6.0	11.0	0.0
3.0	10.0	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	116.0
650	12.0	116.0
1375	24.0	116.0

Comment :

FIELD BLEND

50/50POZ/H + 2%D20 + 5%D44(BWOW) + 0.25PPSD29

LOCATION WATER USED

LONG STRING 1ST STAGE 6400' POD = 5:23



Dowell

CemDABE Cement Test Report

May 30, 1996

DATE OF TEST : 30-may-1996

TEST NUMBER : NPD637900002

CUSTOMER : TEXACO
 FIELD : LEA NM
 WELL : G L ERWIN B FED 9

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	0.270	% BWOC
D044	5.000	% BWOW

B.H.S.T. : 110.0 F

B.H.C.T. : 101.0 F

Rheological model (Dial 1) : Bingham Plastic

 $T_y : 18.402 \text{ lbf}/100 \text{ ft}^2$ $P_o : 15.063 \text{ cP}$

Correlation coefficient : 0.993

Thickening Time : 7 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	33.0	0.0
200.0	29.0	0.0
100.0	23.0	0.0
60.0	0.0	0.0
30.0	0.0	0.0
6.0	13.0	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)
195	6.0	110.0
325	12.0	110.0
454	24.0	110.0

Comment :

FIELD BLEND

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

LOCATION WATER USED

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

May 30, 1996

DATE OF TEST : 30-may-1996

TEST NUMBER : NPD637900003

CUSTOMER : TEXACO

FIELD : LEA NM

WELL : G L ERWIN B FED 9

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. : 110.0 F

B.H.C.T. : 101.0 F

No additives

Rheometer type : Fann 35

Spring factor : 1.0

Bob No : 1

Rotor No : 1

Rheological model (Dial 1) : Bingham Plastic

 $T_y : 24.091 \text{ lbf}/100 \text{ ft}^2$ $P_o : 18.076 \text{ cP}$

Correlation coefficient : 1.000

Thickening Time : 5 hr49 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	42.0	0.0
200.0	36.0	0.0
100.0	30.0	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)
275	6.0	110.0
1375	12.0	110.0
2075	24.0	110.0

Comment :

FIELD BLEND

CLASS H NEAT

LOCATION WATER USED