

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

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 L : 2310 Feet From The SOUTH Line and 330 Feet From The

WEST Line Section 35 Township 24S Range 37E

5. Lease Designation and Serial No.

LC-032874A

6. If Indian, Alottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and Number

G. L. ERWIN 'A' FEDERAL

8

9. API Well No.

30-025-33234

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.)

- NABORS RIG #348 SPUD 11 INCH HOLE @ 2:45 PM 01-14-96. DRILLED TO 1020'. TD @ 6:30 AM 01-15-95.
- RAN 23 JOINTS OF 8 5/8", 24#, K-55, STC CASING SET @ 1020'. RAN 7 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 NEAT (14.8 PPG, 1.32 CF/S). PLUG DOWN @ 11:30 AM 01-15-96. CIRCULATED 51 SACKS.
- NU BOP & TESTED TO 2000#. TESTED CASING TO 1000# FOR 30 MINUTES FROM 10:00 PM TO 10:30 PM 01-16-96.
- WOC TIME 34-1/2 HOURS FROM 11:30 AM 01-15-96 TO 10:00 PM 01-16-96
- DRILLING 7 7/8 HOLE.
- DRILLED 7 7/8 HOLE TO 6550'. TD @ 7:30 AM 01-25-96.
- SCHUMBERGER LOGGED ARI-MCFL-CNTDD-BHC SONIC-NGT-CAL 6547-1020, GR-CNL TO SURFACE.
- RAN 50 JOINTS OF 5 1/2", 17# L-80, (2234') AND 100 JOINTS OF 5-1/2" 15.5# WC-50 (4316'), LTC CASING SET @ 6550'.
- DOWELL CEMENTED IN THE 1ST STAGE WITH 75 SACKS 35/65 POZ CLASS H W/ 6% GEL, 5% SALT, 1/4# FLOCELE (12.8 PPG, 1.94 CF/S). F/B 500 SACKS 50/50 POZ CLASS H W/ 2% GEL, 5% SALT, 1/4# FLOCELE (14.2 PPG, 1.35 CF/S). PD @ 8:30 PM 01-26-96. OPEN DV TOOL AND CIR. CIRCULATED 244 SACKS CMT TO PIT.
- DOWELL CEMENTED IN THE 2ND STAGE W/ 975 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 @ 3:45 PM 01-26-96. CIRCULATED 144 SACKS.
- ND. RELEASE RIG @ 8:00 PM 01-26-96.
- PREP TO COMPLETE.

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

SIGNATURE C.P. Barham / SRT TITLE Eng. Assistant.

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.



Dowell

CemDABE Cement Test Report

January 15, 1996

DATE OF TEST : 15-jan-1996

TEST NUMBER : NPD604000001

CUSTOMER : TEXACO

FIELD : LEA NM

WELL : TIGLERWIN A FED 8

CEMENT

Class : C

Blend :

Brand : LONESTAR

Plant : MARYNEAL

BASE FLUID

Density : 8.32 lb/gal

Volume : 9.17 gal/sk

Type : LO

Total liquid : 9.17 gal/sk

SLURRY

Density : 13.50 lb/gal

Yield : 1.74 ft³/sk

B.H.S.T. : 87.0 F

B.H.C.T. : 80.0 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

 $T_y : 24.091 \text{ lbf}/100 \text{ ft}^2$ $P_v : 12.051 \text{ cP}$

Correlation coefficient : 1.000

Thickening Time : 3 hr40 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	32.0	0.0
100.0	28.0	0.0
60.0	0.0	0.0
30.0	0.0	0.0
6.0	19.0	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)
220	6.0	87.0
490	12.0	87.0
785	24.0	87.0

Comment :

FIELD BLEND

C + 4%D20 + 2%S-1

LOCATION WATER USED

SURFACE LEAD 1000' POD = 2:10

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

January 15, 1996

DATE OF TEST : 15-jan-1996

TEST NUMBER : NPD604000002**CUSTOMER : TEXACO****FIELD : LEA NM****WELL : G L ERWIN A FED 8****CEMENT**

Class : C

Blend :

Brand : LONESTAR

Plant : MARYNEAL

BASE FLUID

Density : 8.32 lb/gal

Volume : 6.37 gal/sk

Type : LO

Total liquid : 6.37 gal/sk

SLURRY

Density : 14.80 lb/gal

Yield : 1.33 ft³/sk

B.H.S.T. : 87.0 F

B.H.C.T. : 80.0 F

No additives

Rheometer type : Fann 35

Spring factor : 1.0

Bob No : 1

Rotor No : 1

Rheological model (Dial 1) : Bingham Plastic

 $T_y : 17.399 \text{ lbf}/100 \text{ ft}^2$ $P_y : 19.582 \text{ cP}$

Correlation coefficient : 0.999

Thickening Time : 5 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	37.0	0.0
200.0	30.0	0.0
100.0	24.0	0.0
60.0	0.0	0.0
30.0	0.0	0.0
6.0	15.0	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)
150	6.0	87.0
850	12.0	87.0
1400	24.0	87.0

Comment :

FIELD BLEND

CLASS C-NEAT

LOCATION WATER USED

SURFACE TAIL 1000' POD = 3:07

Schlumberger

Dowell

CemDABE Cement Test Report

January 23, 1996

DATE OF TEST : 22-jan-1996

TEST NUMBER : NPD607400001

CUSTOMER : TEXACO
FIELD : LEA NM
WELL : G L ERWIN A FED 8

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

BASE FLUID

Density : 8.32 lb/gal
Volume : 11.95 gal/sk
Type : LO
Total liquid : 11.95 gal/sk

SLURRY

Density : 12.40 lb/gal
Yield : 2.14 ft³/sk

ADDITIVES		
Code	Concent.	Unit
D020	6.000	% BWOC
D029	0.280	% BWOC
D044	5.000	% BWOW

B.H.S.T. : 129.0 F

B.H.C.T. : 114.0 F

Rheometer type : Fann 35

Spring factor : 1.0

Bob No : 1

Rotor No : 1

Rheological model (Dial 1) : Bingham Plastic

T_y : 22.083 lbf/100ft²

P_v : 12.051 cP

Correlation coefficient : 1.000

Thickening Time : 6 hr 10 min to 70 BC

API Schedule : API Schedule

Set condition : set condition

Consistometer serial number : consistometer 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	30.0	0.0
100.0	26.0	0.0
60.0	0.0	0.0
30.0	0.0	0.0
6.0	16.0	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)
220	6.0	129.0
340	12.0	129.0
450	24.0	129.0

Comment :

FIELD BLEND

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

LOCATION WATER USED

LONG STRING 1ST STAGE LEAD 7150' POD = 2:49

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

January 23, 1996

DATE OF TEST : 23-Jan-1996

TEST NUMBER : NPD607400002

CUSTOMER : TEXACO
FIELD : LEA NM
WELL : G L ERWIN A FED 8

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. : 129.0 F

B.H.C.T. : 114.0 F

Rheometer type : Fann 35

Spring factor : 1.0

Bob No : 1

Rotor No : 1

Rheological model (Dial 1) : Bingham Plastic

 $T_y : 39.147 \text{ lbf}/100 \text{ ft}^2$ $P_o : 18.076 \text{ cP}$

Correlation coefficient : 1.000

Thickening Time : 3 hr 6 mn to 70 BC

API Schedule : API Standard

Set condition : Set condition

Consistometer serial number : 1000000000

No Fluid Loss data available

No Free Water data available

Rheological data			
Temp. (F)	75.0	75.0	75.0
R.P.M.	Dial 1	Dial 2	
300.0	57.0	0.0	
200.0	51.0	0.0	
100.0	45.0	0.0	
60.0	0.0	0.0	
30.0	0.0	0.0	
6.0	31.0	0.0	
3.0	24.0	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	129.0	
800	12.0	129.0	
1300	24.0	129.0	

Comment :

FIELD BLEND

50/50POZ/H + 2%D20 + 5%D44(BWOW) + 0.25%D29 + 5%GENTLE

LOCATION WATER USED : 100% FRESH

LONG STRING 1ST STAGE TAIL 7150' POD = 2:36 150' POD = 2:36

Schlumberger

Dowell

CemDABE Cement Test Report

January 24, 1996

DATE OF TEST : 24-jan-1996

TEST NUMBER : NPD607400003

CUSTOMER : TEXACO
FIELD : LEA NM
WELL : G L ERWIN A FED 8

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

BASE FLUID

Density : 8.32 lb/gal
Volume : 11.95 gal/sk
Type : LO
Total liquid : 11.95 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. : 108.0 F
B.H.C.T. : 98.0 F

Rheological model (Dial 1) : Bingham Plastic
 T_y : 22.083 lb_f/100ft²
 P_o : 12.051 cP
Correlation coefficient : 1.000

Thickening Time : 9 hr41 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	34.0	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	16.0	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)
220	6.0	108.0
340	12.0	108.0
450	24.0	108.0

Comment :

FIELD BLEND

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

LOCATION WATER USED

LONG STRING 2ND STAGE LEAD 4000' POD = 3:50

Schlumberger
Dowell

CemDABE Cement Test Report

January 24, 1996

DATE OF TEST : 24-jan-1996

TEST NUMBER : NPD607400004

CUSTOMER : TEXACO
FIELD : LEA NM
WELL : G L ERWIN A FED 8

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. : 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 : 19.072 lbf/100 ft²

P_v : 21.089 cP

Correlation coefficient : 1.000

Thickening Time : 5 hr39 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	40.0	0.0
200.0	33.0	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	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	108.0
800	12.0	108.0
1300	24.0	108.0

Comment :

FIELD BLEND

CLASS H-NEAT

LOCATION WATER USED

LONG STRING 2ND STAGE TAIL 4000' POD = 3:10