

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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)621-485

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Unit Letter M : 330 Feet From The SOUTH Line and 500 Feet From The

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

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

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9. API Well No.
30-025-33138

10. Field and Pool, Exploratory Area
JUSTICE BLINEBRY/ 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 @ 6:00 PM 11-28-95. DRILLED TO 1035'. TD @ 10:00 AM 11-29-95.
- RAN 23 JOINTS OF 8 5/8, 24#, WC-50, STC CASING SET @ 1035'.
- 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 @ 2:45 AM 11-29-95. CIRCULATED 269 SACKS.
- NU BOP & TESTED TO 600#. TESTED CASING TO 1000# FOR 30 MINUTES FROM 9:00 AM TO 9:30 AM 11-30-95.
- WOC TIME 30.25 HOURS FROM 2:45 AM 11-29-95 TO 9:00 AM 11-30-95.
- DRILLING 7 7/8 HOLE.
- DRILLED 7 7/8 HOLE TO 7150'. TD @ 5:00 AM 12-11-95.
- SCHLUMBERGER RN #1 DHC-NGT-CAL FROM 7131' TO 2300'. RN #2 LDT-CNL-DLL-GR-CAL FROM 7131' TO 2300'. PULLED GR-CNL TO SURFACE.
- RAN 50 JOINTS OF 5 1/2", 17# L-80 (2214'), 115 JOINTS OF 15.5# WC-50 (4922'), LTC CASING SET @ 7150'.
- DOWELL CEMENTED WITH 1650 SACKS 35/65 POZ CLASS H W/ 6% GEL, 5% SALT, 1/4# FLOCELE (12.8 PPG, 1.94 CF/S). F/B 450 SACKS 50/50 POZ CLASS H W/ 2% GEL, 5% SALT, 1/4# FLOCELE (14.2 PPG, 1.35 CF/S). PLUG DOWN @ 3:30 PM 12-12-95. DID NOT CIRCULATE CMT.
- ND. RELEASE RIG @ 8:30 PM 12-12-95. RAN TEMP SURVEY AND FOUND TOC @ 1700'. TAGGED PBTD @ 6992'.
- PREP TO COMPLETE.

FEB 26 1996

SJS

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

SIGNATURE C. P. Basham / SE 12 TITLE Drilling Operations Mgr. DATE 12/14/95

TYPE OR PRINT NAME C. P. Basham

(This space for Federal or State office use)

APPROVED BY TITLE DATE

CONDITIONS OF APPROVAL, IF ANY:

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**

December 12, 1995

DATE OF TEST : 12-dec-1995

TEST NUMBER : NPD596000002

CUSTOMER : TEXACO

FIELD : LEA NM

WELL : G L ERWIN FED 7

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

 $T_y : 22.083 \text{ lbf}/100 \text{ ft}^2$ $P_o : 15.063 \text{ cP}$

Correlation coefficient : 1.000

Thickening Time : 3 hr17 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	27.0	0.0
60.0	0.0	0.0
30.0	0.0	0.0
6.0	18.0	0.0
3.0	16.0	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

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

LOCATION WATER USED

LONG STRING TAIL 7150' POD = 2:40

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

November 29, 1995

DATE OF TEST : 29-nov-1995

TEST NUMBER : NPD593100001

CUSTOMER : TEXACO
FIELD : LEA NM
WELL : G L ERWIN A FED 7

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 : 21.414 lbf/100ft² P_0 : 13.557 cP

Correlation coefficient : 0.998

Thickening Time : 3 hr15 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	30.0	0.0
100.0	26.0	0.0
60.0	0.0	0.0
30.0	0.0	0.0
6.0	13.0	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)
406	6.0	90.0
880	12.0	90.0
1345	24.0	90.0

Comment :

FIELD BLEND

CLASS : + 4% D20 + 2% S1

LOCATION WATER USED

SURFACE LEAD 1000'

Schlumberger

Dowell

CemDABE Cement Test Report

November 29, 1995

DATE OF TEST : 29-nov-1995

TEST NUMBER : NPD593100002

CUSTOMER : TEXACO

FIELD : LEA NM

WELL : G L ERWIN A FED 7

CEMENT

Class : C

Blend :

Brand : LONESTAR

Plant : MARYNEAL

BASE FLUID

Density : 8.32 lb/gal

Volume : 6.32 gal/sk

Type : L.O

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 : 18.068 lbf/100ft²

P_v : 18.076 cP

Correlation coefficient : 1.000

Thickening Time : 4 hr30 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	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)
458	6.0	90.0
1400	12.0	90.0
2000	24.0	90.0

Comment :

FIELD BLEND

CLASS C NEAT

LOCATION WATER USED

SURFACE TAIL 1000'



Dowell

CemDABE Cement Test Report

December 9, 1995

DATE OF TEST : 09-dec-1995

TEST NUMBER : NPD596000001

CUSTOMER : TEXACO DRLG
 FIELD : LEA NM
 WELL : G L ERWIN FED 7

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

 $T_y = 27.102 \text{ lbf}/100 \text{ ft}^2$ $P_s = 9.038 \text{ cP}$

Correlation coefficient : 1.000

Thickening Time : 5 hr 9 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)
220	6.0	129.0
340	12.0	129.0
480	24.0	129.0

Comment :

FIELD BLEND

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

LOCATION WATER USED

LONG STRING LEAD 7150' POD=2:20

