

DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

P.O. Box Drawer DD, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

WELL API NO.	30-025-33376
5. Indicate Type of Lease	STATE ☒ FEE ☐
6. State Oil / Gas Lease No.	
7. Lease Name or Unit Agreement Name	BAKER 'B'
8. Well No.	18
9. Pool Name or Wildcat	DRINKARD
10. Elevation (Show whether DF, RKB, RT, GR, etc.)	3408'

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT (FORM C-101) FOR SUCH PROPOSALS.	
1. Type of Well:	OIL WELL ☒ GAS WELL ☐ OTHER ☐
2. Name of Operator	TEXACO EXPLORATION & PRODUCTION INC.
3. Address of Operator	P.O. Box 2100, Denver Colorado 80201
4. Well Location	Unit Letter <u>K</u> : <u>1650</u> Feet From The <u>SOUTH</u> Line and <u>1700</u> Feet From The <u>WEST</u> Line Section <u>10</u> Township <u>22-S</u> Range <u>37-E</u> NMPM <u>LEA</u> COUNTY
10. Elevation (Show whether DF, RKB, RT, GR, etc.) <u>3408'</u>	

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPERATION ☐ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐
OTHER: ☒ SPUD, SURF CSG, PROD CSG.

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

- NABORS RIG SPUD 11 INCH HOLE @ 11:00 PM 09-21-96. DRILLED TO 1170'. TD @ 8:30 PM 09-22-96.
- RAN 27 JOINTS OF 8 5/8 INCH, 24#, WC-50, STC CASING SET @ 1118. RAN 6 CENTRALIZERS.
- DOWELL CEMENTED WITH 300 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 @ 3:30 AM 09-23-96. CIRCULATED 113 SACKS.
- NU BOP & TESTED TO 1000#. TESTED CASING TO 1000# FOR 30 MINUTES FROM 1:00 PM TO 1:30 PM 09-23-96.
- WOC TIME 10 HOURS FROM 3:30 AM TO 1:00 PM 09-23-96. REQUIREMENTS OF RULE 107, OPTION 2:
 - VOLUME OF CEMENT SLURRY: LEAD 522 (CU. FT.), TAIL 268 (CU. FT.).
 - APPROX. TEMPERATURE OF SLURRY WHEN MIXED: 50 F.
 - EST. FORMATION TEMPERATURE IN ZONE OF INTEREST: 90 F.
 - EST. CEMENT STRENGTH AT TIME OF CASING TEST: 1370 PSI.
 - ACTUAL TIME CEMENT IN PLACE PRIOR TO TESTING: 10 HOURS.
- DRILLING 7 7/8 INCH HOLE.
- DRILLED 7 7/8 INCH HOLE TO 7146'. TD @ 11:00 AM 10-05-96.
- RAN 66 JOINTS OF 5 1/2 INCH, 17#, WC-75 AND 96 JOINTS OF 5 1/2 INCH, 17#, WC-50, LTC CASING SET @ 7213'.
- DOWELL CEMENTED: - 1250 SACKS 35/65 POZ CLASS H W/ 6% GEL, 5% SALT, 1/4# FLOCELE (12.4 PPG, 2.14 CF/S). F/B 500 SKS CLASS H W/2% GEL, 5% SALT, 1/4# FLOCELE (14.2 PPG, 1.35 CF/S). PD @ 12:45 AM 10-07-96.
- ND. RELEASE RIG @ 6:00 AM 10-07-96.
- PREP TO COMPLETE.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE C.P. Basham TITLE Eng. Assistant.

DATE 10/16/96

TYPE OR PRINT NAME Sheilla D. Reed-High

Telephone No. (303)621-4851

(This space for State Use)

APPROVED

GARY W. WINK
FIELD REPRESENTATIVE II

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE



CEMENTING REPORT

Fire No. _____

Report Date. _____

Operator: Texaco

Requested By: _____

Lease No: BAKE-B-1PService Point: HNNLocation: Lee NType of Job: Surface

Test Conditions:

Design: 1200 Temp Grad _____ BHST 90 °F. BHST 85

Properties:	Density (ppg)	Yield (cu ft/sk)	Mix Water (gal/sk)	Total Liquid (gal/sk)	Water Source	Cement Source
System No 1	<u>13.5</u>	<u>1.74</u>	<u>9.11</u>	<u>9.11</u>	<u>LOC</u>	<u>C</u>
System No 2	<u>14.8</u>	<u>1.32</u>	<u>6.32</u>	<u>6.32</u>	<u>LOC</u>	<u>C</u>
System No 3						
System No 4						

Cement System Compositions:

System No. 1 Class C + 47.520 + 27.51System No. 2 Class C + 27.51

System No. 3 _____

System No. 4 _____

Thixening Time Results

Rheology Results

SYSTEM	HR MIN	SC	300	200	100	50	30	10	3	PV or n	Ty or s	REHOLYST MODEL	N.O.S.
No. 1	<u>3:50</u>	<u>70</u>	<u>47</u>	<u>44</u>	<u>42</u>	<u>41</u>	<u>31</u>	<u>28</u>	<u>21</u>				
No. 2	<u>2:00</u>	<u>70</u>	<u>38</u>	<u>34</u>	<u>27</u>	<u>21</u>	<u>17</u>	<u>14</u>	<u>10</u>				
No. 3													
No. 4													

Compressive Strengths - psi

SYSTEM	TEMP	6 HRS.	16 HRS.	24 HRS
No. 1	<u>90 °C</u>	<u>430</u>	<u>800</u>	<u>975</u>
No. 1	<u>°C</u>			
No. 2	<u>90 °C</u>	<u>750</u>	<u>1680</u>	<u>1960</u>
No. 2	<u>°C</u>			
No. 3	<u>°C</u>			
No. 3	<u>°C</u>			
No. 4	<u>°C</u>			
No. 4	<u>°C</u>			

FLUID LOSS

FREE WATER

SYSTEM	°F.	PSI	°F.
No. 1			
No. 2			
No. 3			
No. 4			

Remarks: Pressure 1000

Schlumberger
Dowell

CemDABE Cement Test Report

October 1, 1996
DATE OF TEST : 01-oct-1996

TEST NUMBER : NPD669000001

CUSTOMER : TEXACO
FIELD : LEA NM
WELL : BAKER B 18

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

B.H.S.T. : 123.0 F
B.H.C.T. : 111.0 F

ADDITIVES		
Code	Concent.	Unit
D020	6.000	% BWOC
D029	0.260	% 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 : 3.681 lb_f/100ft²
 P_y : 7.532 cP
Correlation coefficient : 0.993

Thickening Time : 7 hr19 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	11.0	0.0
200.0	9.0	0.0
100.0	6.0	0.0
60.0	0.0	0.0
30.0	0.0	0.0
6.0	2.0	0.0
3.0	2.0	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)
200	6.0	123.0
330	12.0	123.0
440	24.0	123.0

Comment :

FIELD BLEND DATA FROM THE CC FRISTOE
35/65 POZ/H + 6% D20 + 5% D44 (BWOW) + 0.25PPS D29
LONG STRING 7200' LEAD POD = 3:32

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

October 1, 1996

DATE OF TEST : 01-oct-1996

TEST NUMBER : NPD669000002

CUSTOMER : TEXACO
FIELD : LEA NM
WELL : BAKER B 18

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	0.270	% BWOC
D044	5.000	% BWOW

B.H.S.T. : 123.0 F

B.H.C.T. : 111.0 F

Rheological model (Dial 1) : Bingham Plastic

 $T_y : 8.030 \text{ lbf}/100 \text{ ft}^2$ $P_v : 21.089 \text{ cP}$

Correlation coefficient : 1.000

Thickening Time : 3 hr26 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	29.0	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	8.0	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)
100	6.0	123.0
800	12.0	123.0
1300	24.0	123.0

Comment :

FIELD BLEND DATA FROM CC FRISTOE

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

LONG STRING 7200' TAIL POD = 2:17