

DISTRICT I

P.O. Box 1980, Hobbs, NM 83240

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.	30-025-33089
5. Indicate Type of Lease	STATE ☐ FEE ☐
6. State Oil / Gas Lease No.	
7. Lease Name or Unit Agreement Name	NEW MEXICO 'BZ' STATE NCT-10
8. Well No.	5
9. Pool Name or Wildcat	
10. Elevation (Show whether DF, RKB, RT, GR, etc.)	3152'

SUNDRY NOTICES AND REPORTS ON WELL
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A
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 46510 Denver Colorado 80201-6510

4. Well Location

Unit Letter K 1650 Feet From The SOUTH Line and 1650 Feet From The WEST Line

Section 2 Township 25-S Range 37-E NMPM LEA COUNTY

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 #348 SPUD 11 INCH HOLE @ 8:30 PM 12-13-95. DRILLED TO 1015'. TD @ 12:30 PM 12-14-95.
- RAN 23 JOINTS OF 8 5/8, 24#, K-55, STC CASING SET @ 1025'. 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, 1.34 CF/S). PLUG DOWN @ 6:00 PM 12-14-95. CIRCULATED 100 SACKS.
- NU BOP & TESTED TO 1000#. TESTED CASING TO 1000# FOR 30 MINUTES FROM 4:30 AM TO 5:00 AM 12-15-95.
- WOC TIME 10-1/2 HOURS FROM 6:00 PM 12-14-95 TO 4:30 AM 12-15-95. REQUIREMENTS OF RULE 107, OPTION 2.
 - VOLUME OF CEMENT SLURRY: LEAD 566 (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: 1177 PSI.
 - ACTUAL TIME CEMENT IN PLACE PRIOR TO TESTING: 10-1/2 HOURS.
- DRILLING 7 7/8 HOLE.
- DRILLED 7 7/8 HOLE TO 6650'. TD @ 8:30 PM 12-23-95.
- LOGGING #1 RAN PLATFORM EXPRESS FROM TD 3200'. CNL-GR TO SURFACE #2 GRBHC FROM TD TO 2300'.
- RAN 39 JOINTS OF 5 1/2", 17# K-55 (1684'), 115 JOINTS OF 15.5#, WC-50 (4952').
- DOWELL CEMENTED WITH 1000 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). PLUG DOWN @ 9:15 PM 12-24-95. DID NOT CIRC. CMT.
- ND BOP RELEASE RIG @ 1:15 AM 12-25-95.
- RN TEMP SURVEY. TOC @ 2000'.
- 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 / SETH TITLE Drilling Operations Mgr.

DATE 12/28/95

TYPE OR PRINT NAME C. P. Basham

Telephone No. (303)621-4851

This space for State Use:

APPROVED BY TITLE

DATE JAN 6 1996

CONDITIONS OF APPROVAL, IF ANY:

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

December 20, 1995

DATE OF TEST : 20-dec-1995

TEST NUMBER : NPD599000001

CUSTOMER : TEXACO DRLG
FIELD : LEA NM
WELL : NM BZ STATE 5

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. : 129.0 F

B.H.C.T. : 114.0 F

ADDITIVES		
Code	Concent.	Unit
D020	6.000	% BWOC
D029	0.280	% 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

 $T_y : 25.764 \text{ lbf}/100 \text{ ft}^2$ $P_o : 10.544 \text{ cP}$

Correlation coefficient : 0.997

Thickening Time : 5 hr51 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	29.0	0.0
60.0	0.0	0.0
30.0	0.0	0.0
6.0	23.0	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
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 LEAD 7100' POD=2:44

Schlumberger

Dowell

CemDABE Cement Test Report

December 20, 1995

DATE OF TEST : 20-dec-1995

TEST NUMBER : NPD599000002

CUSTOMER : TEXACO DRLG
FIELD : LEA NM
WELL : NM BZ STATE 5

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	0.280	% BWOC
D044	5.000	% BWOW

B.H.S.T. : 129.0 F
B.H.C.T. : 114.0 F

Rheological model (Dial 1) : Bingham Plastic

T_y : 22.083 lb_f/100ft²

P_0 : 15.063 cP

Correlation coefficient : 1.000

Thickening Time : 3 hr 0 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	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

50/50 POZ/H + 2% D20 + 5% D44(BWOW) + 1/4PPS D29

LOCATION WATER USED

LONG STRING TAIL 7100' POD=2:50

Schlumberger

Dowell

CemDABE Cement Test Report

December 14, 1995

DATE OF TEST : 14-dec-1995

TEST NUMBER : NPD597500002

CUSTOMER : TEXACO

FIELD : LEA NM

WELL : NM BZ STATE 5

CEMENT

Class : C

Blend :

Brand : LONESTAR

Plant : MARYNEAL

BASE FLUID

Density : 8.32 lb/gal

Volume : 6.32 gal/sk

Type : LC

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

ADDITIVES		
Code	Concent.	Unit
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 : 27.436 lbf/100ft²

P_v : 21.089 cP

Correlation coefficient : 0.950

Thickening Time : 2 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	47.0	0.0
200.0	44.0	0.0
100.0	33.0	0.0
60.0	0.0	0.0
30.0	0.0	0.0
6.0	24.0	0.0
3.0	17.0	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)
575	6.0	90.0
1378	12.0	90.0
1990	24.0	90.0

Comment :

FIELD BLEND

CLASS C + 2% S1

LOCATION WATER USED

SURFACE TAIL 1000' POD = 1:30

Schlumberger

Dowell

CemDABE Cement Test Report

December 14, 1995

DATE OF TEST : 14-dec-1995

TEST NUMBER : NPD597500001

CUSTOMER : TEXACO
FIELD : LEA NM
WELL : NM BZ STATE 5

CEMENT

Class : C

Blend :

Brand : LONESTAR

Plant : MARYNEAL

BASE FLUID

Density : 8.32 lb/gal

Volume : 9.11 gal/sk

Type : LC

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 : 29.779 lbf/100ft²

P_0 : 15.063 cP

Correlation coefficient : 0.993

Thickening Time : 3 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	45.0	0.0
200.0	39.0	0.0
100.0	35.0	0.0
60.0	0.0	0.0
30.0	0.0	0.0
6.0	25.0	0.0
3.0	17.0	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)
256	6.0	90.0
510	12.0	90.0
790	24.0	90.0

Comment :

FIELD BLEND

CLASS C + 4% D20 + 2% S1

LOCATION WATER USED

SURFACE LEAD 1000' POD = 1:29