

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.	30-025-33296
5. Indicate Type of Lease	STATE ☐ FEE ☐
6. State Oil / Gas Lease No.	

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.		7. Lease Name or Unit Agreement Name ANDERSON, T.
1. Type of Well: OIL WELL ☐ GAS WELL ☐ OTHER	2. Name of Operator TEXACO EXPLORATION & PRODUCTION INC.	8. Well No. 5
3. Address of Operator P.O. Box 46510, Denver Colorado 80201-6510		9. Pool Name or Wildcat BLINEBRY
4. Well Location Unit Letter <u>I</u> : <u>1650</u> Feet From The <u>SOUTH</u> Line and <u>430</u> Feet From The <u>EAST</u> Line Section <u>8</u> Township <u>20-S</u> Range <u>37-E</u> NMPM <u>LEA</u> COUNTY		
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3543'		

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 @ 12:00 AM 02-29-96. DRILLED TO 1150'. TD @ 10:45 PM 02-29-96.
- RAN 26 JOINTS OF 8 5/8 INCH (1138'), 24#, WC-50, STC CASING SET @ 1150'. RAN 10 CENTRALIZERS.
- DOWELL CEMENTED WITH 400 SACKS CLASS C W/ 2% GEL, 2% CACL2 (14.2 PPG, 1.50 CF/S). F/B 100 SACKS CLASS C W/ 2% CACL2 (14.8 PPG, 1.34 CF/S). PLUG DOWN @ 4:45 AM 03-01-96. CIRCULATED 120 SACKS.
- NU BOP & TESTED TO 1000#. TESTED CASING TO 1000# FOR 30 MINUTES FROM 4:45 PM TO 5:15 PM 03-01-96.
- WOC TIME 12 HOURS FROM 4:45 AM TO 4:45 PM 03-01-96. REQUIREMENTS OF RULE 107, OPTION 2:
 - VOLUME OF CEMENT SLURRY: LEAD 600 (CU. FT.), TAIL 134 (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: 660 PSI.
 - ACTUAL TIME CEMENT IN PLACE PRIOR TO TESTING: 12 HOURS.
- DRILLING 7 7/8 INCH HOLE.
- DRILLED 7 7/8 INCH TO 5850'. TD @ 7:45 PM 03-10-96.
- RU SCHLUMBERGER AND LOG, 1ST RUN: DLL-MSFL-GR 5820-2500'. 2ND RUN: GR-LDT-CNL-NGR 5812-2500'. PULLED GR-CNL TO SURFACE.
- RAN 32 JOINTS OF 5 1/2 INCH. 17#. WC-75 AND 101 JOINTS OF 15.5# WC-50, LTC CASING SET @ 5850'. DV TOOL @ 3680'.
- DOWELL CEMENTED IN THE 1ST STAGE W/ 500 SACKS 50/50 POZ CLASS H W/ 1/4# FLOCELE (14.2 PPG, 1.35 CF/S). DID NOT CIRC CMT OFF DV TOOL. 2ND STAGE - CEMENTED W/2000 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 @ 12:00 PM 03-11-96.
- ND. RELEASE RIG @ 5:00 AM 03-12-96.
- 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. Asham / SRT TITLE Eng. Assistant.

DATE 3/14/96

TYPE OR PRINT NAME Sheilla D. Reed-High

Telephone No. (303)621-4851

(This space for State Use)

ORIGINAL SIGNED BY JERRY SOXTON

DISTRICT SUPERVISOR

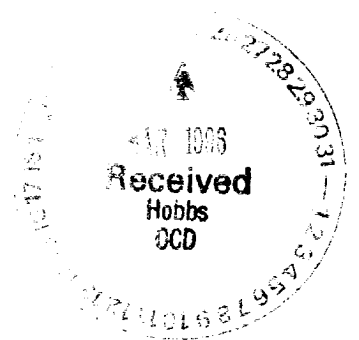
APPROVED

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

MAR 26 1996





CEMENTING REPORT

File No.: _____

Report Date: _____

Operator: Texaco Requested By: _____Lease No: T. Anderson #5 Service Point: HNMLocation: Lea NM Type of Job: Surface

Test Conditions:

Depth: 1150 ft., Temp Grad _____, BHST: 90 °F, BHCT: 85 °F

Properties:	Density (ppg)	Yield (cu ft/sk)	Mix Water (gal/sk)	Total Liquid (gal/sk)	Water Source	Cement Source
System No. 1	<u>14.2</u>	<u>1.5</u>	<u>7.45</u>	<u>7.45</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 C + 27.020 + 27.51System No. 2 C + 22.51

System No. 3 _____

System No. 4 _____

Thickening Time Results

Rheology Results

SYSTEM	HR:MIN	BC	300	200	100	60	30	6	3	PV or n'	Ty or k'	REHOLOGY MODEL	I.O.D.
No. 1	<u>2:52</u>	<u>70</u>	<u>34</u>	<u>31</u>	<u>26</u>			<u>17</u>	<u>16</u>				
No. 2	<u>2:10</u>	<u>70</u>	<u>40</u>	<u>36</u>	<u>31</u>			<u>17</u>	<u>14</u>				
No. 3	_____	_____	_____	_____	_____								
No. 4	_____	_____	_____	_____	_____								
	_____	_____	_____	_____	_____								
	_____	_____	_____	_____	_____								

Compressive Strengths - psi

FLUID LOSS

FREE WATER

SYSTEM	TEMP.	6 HRS.	12 HRS.	24 HRS.
No. 1	<u>90 °F</u>	<u>350</u>	<u>660</u>	<u>1050</u>
No. 1	°F			
No. 2	<u>90 °F</u>	<u>600</u>	<u>1400</u>	<u>2000</u>
No. 2	°F			
No. 3	°F			
No. 3	°F			
No. 4	°F			
No. 4	°F			

	°F, _____ psi	°F
SYSTEM	mL/30 min	mL
No. 1		
No. 2		
No. 3		
No. 4		

Remarks: Previous Data

Chemist: _____



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

March 8, 1996

DATE OF TEST : 08-mar-1996

TEST NUMBER : NPD617400003

CUSTOMER : TEXACO
FIELD : LEA NM
WELL : T ANDERSON 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	0.260	% BWOC
D044	5.000	% BWOW

B.H.S.T. : 120.0 F

B.H.C.T. : 109.0 F

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 : 15.063 cP

Correlation coefficient : 0.908

Thickening Time : 5 hr38 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	34.0	0.0
100.0	25.0	0.0
60.0	0.0	0.0
30.0	0.0	0.0
6.0	22.0	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)
120	6.0	120.0
795	12.0	120.0
1298	24.0	120.0

Comment :

FIELD BLEND

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

LOCATION WATER USED

LONG STRING 1ST STAGE 5800' POD = 2:46



Schlumberger
Dowell

CemDABE Cement Test Report

March 7, 1996

DATE OF TEST : 07-mar-1996

TEST NUMBER : NPD617400002

CUSTOMER : TEXACO
FIELD : LEA NM
WELL : T ANDERSON 5

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

B.H.S.T. : 110.0 F

B.H.C.T. : 101.0 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 : 16.395 lbf/100ft²

P_v : 12.051 cP

Correlation coefficient : 0.990

Thickening Time : 7 hr38 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	28.0	0.0
200.0	25.0	0.0
100.0	20.0	0.0
60.0	0.0	0.0
30.0	0.0	0.0
6.0	19.0	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)
190	6.0	110.0
344	12.0	110.0
490	24.0	110.0

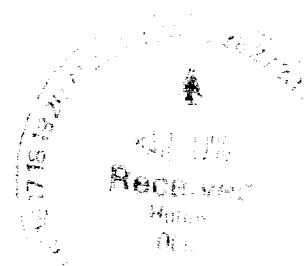
Comment :

FIELD BLEND

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

LOCATION WATER USED

LONG STRING 2D STAGE LEAD 4000' POD = 3:40



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

March 8, 1996

DATE OF TEST: 08-mar-1996

TEST NUMBER : NPD617400004

CUSTOMER : TEXACO
FIELD : LEA NM
WELL : T ANDERSON 5

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

 $T_y : 27.102 \text{ lb/ft}^2$ $P_v : 16.570 \text{ cP}$

Correlation coefficient : 0.988

Thickening Time : 4 hr 7 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	44.0	0.0
200.0	37.0	0.0
100.0	33.0	0.0
60.0	0.0	0.0
30.0	0.0	0.0
6.0	19.0	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)
265	6.0	110.0
1375	12.0	110.0
1948	24.0	110.0

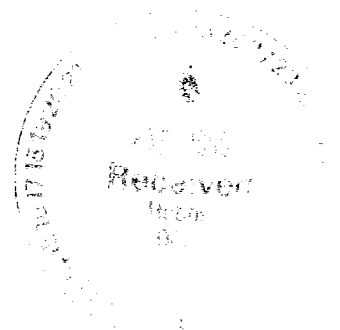
Comment :

FIELD BLEND

CLASS H NEAT

LOCATION WATER USED

LONG STRING 2D STAGE TAIL 4200'



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

March 7, 1996

DATE OF TEST : 07-mar-1996

TEST NUMBER : NPD617400002

CUSTOMER : TEXACO
FIELD : LEA NM
WELL : T ANDERSON 5

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	0.280	% BWOC
D044	5.000	% BWOW

B.H.S.T. : 110.0 F

B.H.C.T. : 101.0 F

Rheometer type : Fann 35

Spring factor : 1.0

Bob No : 1

Rotor No : 1

Rheological model (Dial 1) : Bingham Plastic

 T_y : 16.395 lb_f/100ft² P_v : 12.051 cP

Correlation coefficient : 0.990

Thickening Time : 7 hr38 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	28.0	0.0
200.0	25.0	0.0
100.0	20.0	0.0
60.0	0.0	0.0
30.0	0.0	0.0
6.0	19.0	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)
190	6.0	110.0
344	12.0	110.0
490	24.0	110.0

Comment :

FIELD BLEND

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

LOCATION WATER USED

LONG STRING 2D STAGE. LEAD 4000' POD = 3:40



Schlumberger

Dowell

CemDABE Cement Test Report

March 8, 1996

DATE OF TEST : 08-mar-1996

TEST NUMBER : NPD617400004

CUSTOMER : TEXACO
FIELD : LEA NM
WELL : T ANDERSON 5

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

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No additives

Rheometer type : Fann 35

Spring factor : 1.0

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300.0	44.0	0.0
200.0	37.0	0.0
100.0	33.0	0.0
60.0	0.0	0.0
30.0	0.0	0.0
6.0	19.0	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)
265	6.0	110.0
1375	12.0	110.0
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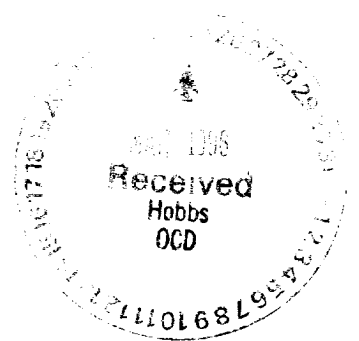
Comment :

FIELD BLEND

CLASS H NEAT

LOCATION WATER USED

LONG STRING 2D STAGE TAIL 4200'



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

March 8, 1996

DATE OF TEST : 08-mar-1996

TEST NUMBER : NPD617400003

CUSTOMER : TEXACO
FIELD : LEA NM
WELL : T ANDERSON 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	0.260	% BWOC
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B.H.S.T. : 120.0 F

B.H.C.T. : 109.0 F

Rheological model (Dial 1) : Bingham Plastic

 $T_y : 21.414 \text{ lbf}/100 \text{ ft}^2$ $P_v : 15.063 \text{ cP}$

Correlation coefficient : 0.908

Thickening Time : 5 hr38 mn to 70 BC

API Schedule :

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Consistometer serial number :

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No Free Water data available

Rheometer type : Fann 35

Spring factor : 1.0

Bob No : 1

Rotor No : 1

Rheological data		
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R.P.M.	Dial 1	Dial 2
300.0	35.0	0.0
200.0	34.0	0.0
100.0	25.0	0.0
60.0	0.0	0.0
30.0	0.0	0.0
6.0	22.0	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)
120	6.0	120.0
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1298	24.0	120.0

Comment :

FIELD BLEND

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

LOCATION WATER USED

LONG STRING 1ST STAGE 5800' POD = 2:46