Submit 3 copies to Appropriate District Office

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

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-103
Revised 1-1-89

WELL API NO. 30-025-33459

5. Indicate Type of Lease STATE [X] 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 PERMI (FORM C-101) FOR SUCH PROPOSALS.

7. Lease Name or Unit Agreement Name: COOPER JAL UNIT

1. Type of Well: OIL WELL [X] GAS WELL [ ] OTHER

2. Name of Operator: TEXACO EXPLORATION & PRODUCTION INC.

8. Well No. 421

3. Address of Operator: P.O. Box 2100, Denver Colorado 80201

9. Pool Name or Wildcat: JALMAT/LANGLIE MATTIX

4. Well Location

Unit Letter J : 1575 Feet From The SOUTH Line and 2525 Feet From The EAST Line

Section 24 Township 24-S Range 36-E NMPM LEA COUNTY

10. Elevation (Show whether DF, RKB, RT,GR, etc.) 3318'

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	[ ]	PLUG AND ABANDON	[ ]	REMEDIAL WORK	[ ]	ALTERING CASING	[ ]
TEMPORARILY ABANDON	[ ]	CHANGE PLANS	[ ]	COMMENCE DRILLING OPERATION	[ ]	PLUG AND ABANDONMENT	[ ]
PULL OR ALTER CASING	[ ]			CASING TEST AND CEMENT JOB	[ ]		
OTHER:	[ ]			OTHER: SPUD, SURF CSG, PROD CSG.	[X]		

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.

1. NABORS RIG #3 SPUD 12-1/4 INCH HOLE @ 2:00 AM 07-27-96. DRILLED TO 600'. TD @ 10:45 AM 07-27-96.
2. RAN 9 JOINTS OF 8 5/8 INCH, 24#, WC-50, STC CASING SET @ 409'.
3. DOWELL CEMENTED WITH 250 SACKS CLASS C W/ 2% CACL2 (14.8 PPG, 1.32 CF/S). PLUG DOWN @ 2:30 PM 07-28-96. CIRCULATED 98 SACKS.
4. NU BOP & TESTED TO 1000#. TESTED CASING TO 1000# FOR 30 MINUTES FROM 11:00 PM TO 11:30 PM 07-28-96.
5. WOC TIME 8 1/2 HOURS FROM 1:15 PM TO 9:15 PM 04-30-96. REQUIREMENTS OF RULE 107, OPTION 2:
   1. VOLUME OF CEMENT SLURRY: LEAD 330 (CU. FT.)
   2. APPROX. TEMPERATURE OF SLURRY WHEN MIXED: 50 F.
   3. EST. FORMATION TEMPERATURE IN ZONE OF INTEREST: 90 F.
   4. EST. CEMENT STRENGTH AT TIME OF CASING TEST: 935 PSI.
   5. ACTUAL TIME CEMENT IN PLACE PRIOR TO TESTING: 8 1/2 HOURS.
6. DRILLING 7 7/8 INCH HOLE.
7. DRILLED 7 7/8 INCH HOLE TO 3800'. TD @ 08:30 AM 08-02-96.
8. SCHLUMBERGER RAN MSFL-DLL-BHR-GR 3794'-2750', LTD-CNL-NGT 3794'-200'.
9. RAN 87 JOINTS (3808') OF 5 1/2 INCH, 15.5#, WC-50, LTC CASING SET @ 3800'.
10. DOWELL CEMENTED: 800 SACKS 35/65 POZ CLASS H W/ 6% GEL, 5% SALT, 1/4# FLOCELE (12.8 PPG, 1.94 CF/S). F/B 350 SACKS CLASS H NEAT (15.6 PPG, 1.18 CF/S). PLUG DOWN @ 7:25 AM 08-03-96. CIRCULATED 113 SACKS.
11. ND. RELEASE RIG @ 12:00 PM 08-03-96.
12. 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 / SRH TITLE Eng. Assistant. DATE 8/15/96

TYPE OR PRINT NAME Sheilla D. Reed-High Telephone No. (303)621-4851

(This space for State Use)

APPROVED

CONDITIONS OF APPROVAL, IF ANY: TITLE DATE

DeSoto/Nichols 10-94 ver 2.0

Schlumberger
Dowell

CemDABE Cement Test Report

July 31, 1996
DATE OF TEST : 31-jul-1996

TEST NUMBER : NPD652900001

CUSTOMER : TEXACO
FIELD : LEA NM
WELL : COOPER JAL 421

BASE FLUID
Density : 8.32 lb/gal
Volume : 10.46 gal/sk
Type : LO
Total liquid : 10.46 gal/sk

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

SLURRY
Density : **12.80** lb/gal
Yield : 1.94 ft^3/sk

B.H.S.T. : 108.0 F
B.H.C.T. : 98.0 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 : 9.682 $lbf/100ft^2$
P_v : 15.291 cP
Correlation coefficient : 0.928

Rheological data		
Temp. (F) :	75.0	0.0
R.P.M.	Dial 1	Dial 2
300.0	28.0	0.0
200.0	16.0	0.0
100.0	13.0	0.0
60.0	12.0	0.0
30.0	12.0	0.0
6.0	11.0	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		

Thickening Time : 10 hr31 mn to 70 BC
API Schedule :
Set condition :
Consistometer serial number :

No Fluid Loss data available

No Free Water data available

Compressive strength		
PSI	Hours	Temp. (F)
115	6.0	108.0
220	12.0	108.0
326	24.0	108.0

Comment :

FIELD BLEND
35/65 POZ/H + 6% D20 + 5% D44 (BWOW) + 0.25PPS D29
LOCATION WATER USED
LONG STRING LEAD 3800' POP = 4:38

Schlumberger
Dowell

CemDABE Cement Test Report

July 31, 1996
DATE OF TEST : 31-jul-1996

TEST NUMBER : NPD652900002

CUSTOMER : TEXACO
FIELD : LEA NM
WELL : COOPER JAL 421

BASE FLUID
Density : 8.32 lb/gal
Volume : 5.20 gal/sk
Type : LO
Total liquid : 5.20 gal/sk

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

SLURRY
Density : **15.60** lb/gal
Yield : 1.18 ft^3/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 data		
Temp. (F) :	75.0	0.0
R.P.M.	Dial 1	Dial 2
300.0	33.0	0.0
200.0	26.0	0.0
100.0	19.0	0.0
60.0	0.0	0.0
30.0	0.0	0.0
6.0	12.0	0.0
3.0	10.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
10 minutes Gel : 0.0		

Rheological model (Dial 1) : Bingham Plastic
T_y : 12.045 $lbf/100ft^2$
P_v : 21.089 cP
Correlation coefficient : 1.000

Thickening Time : 5 hr27 mn to 70 BC
API Schedule :
Set condition :
Consistometer serial number :

No Fluid Loss data available

No Free Water data available

Compressive strength		
PSI	Hours	Temp. (F)
565	6.0	108.0
1096	12.0	108.0
1930	24.0	108.0

Comment :

FIELD BLEND
CLASS H NEAT
LOCATION WATER USED
LONG STRING 3800' TAIL

CEMENTING REPORT

File No.: _____ Report Date: 7/25/96

Operator: TEXACO DRLG Requested By: _____

Lease No: COOPER JAL UNIT #421 Service Point: HOBBS

Location: LEA NM Type of Job: SURF

Test Conditions:

Depth: 400 ft., Temp Grad _____. BHST: _____ °F, BHCT: _____ °F

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

Cement System Compositions:

System No. 1 C + 2% S1

System No. 2 _____

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'	RHEOLOGY MODEL	I.O.D.
No. 1	1:50	70	44	37	31	28	20	18	14				
No. 2													
No. 3													
No. 4													

Compressive Strengths - psi

SYSTEM	TEMP.	6 HRS.	12 HRS.	24 HRS.
No. 1	90 °F	610	1390	1875
No. 1	°F			
No. 2	°F			
No. 2	°F			
No. 3	°F			
No. 3	°F			
No. 4	°F			
No. 4	°F			

FLUID LOSS **FREE WATER**

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

Remarks: PREVIOUS DATA

Chemist: _____