

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.	30-025-32857
5. Indicate Type of Lease	STATE ☒ FEE ☐
6. State Oil / Gas Lease No.	
7. Lease Name or Unit Agreement Name	COOPER JAL UNIT
8. Well No.	410
9. Pool Name pr Wildcat	Langlie Mattis SR-D-OB

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 <u>F</u> : <u>1425</u> Feet From The <u>NORTH</u> Line and <u>1450</u> Feet From The <u>WEST</u> Line Section <u>24</u> Township <u>24-S</u> Range <u>36-E</u> NMPM <u>LEA</u> COUNTY
10. Elevation (Show whether DF, RKB, RT, GR, etc.)	3324'

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 #403 SPUD 12-1/4 INCH HOLE @ 1:30 PM 05-09-95. DRILLED TO 423'. TD @ 5:00 PM 05-09-95.
- RAN 10 JOINTS OF 8 5/8, 24#, WC-50, STC CASING SET @ 423'. RAN 10 CENTRALIZERS.
- DOWELL CEMENTED WITH 250 SACKS CLASS C W/ 4% GEL, 2% CACL2 (13.5 PPG, 1.74 CF/S). PLUG DOWN @ 9:30 PM 05-09-95. CIRCULATED 100 SACKS.
- NU BOP & TESTED TO 1000#. TESTED CASING TO 1000# FOR 30 MINUTES FROM 5:30 AM TO 6:00 AM 05-10-95.
- WOC TIME 8 HOURS FROM 9:30 PM 05-09-95 TO 5:30 AM 05-10-95. REQUIREMENTS OF RULE 107, OPTION 2:
 - VOLUME OF CEMENT SLURRY: 435 (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: 882 PSI.
 - ACTUAL TIME CEMENT IN PLACE PRIOR TO TESTING: 8 HOURS.
- DRILLING 7 7/8 HOLE.
- DRILLED 7 7/8 HOLE TO 3800'. TD @ 12:00 PM 05-18-95.
- HLS RAN LOG #1:DLT-MSFL-SLD. LOG #2: CSL FROM 2700' TO 3776'.
- RAN 90 JOINTS OF 5 1/2, 15.5#, WC-50, LTC CASING SET @ 3786'.
- DOWELL CEMENTED WITH 1008 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 50/50 POZ CLASS H W/ 2% GEL, 5% SALT, 1/4# FLOCELE (15.6 PPG, 1.19 CF/S). PLUG DOWN @ 6:30 AM 05-19-95. CIRCULATED 290 SACKS.
- ND. RELEASE RIG @ 10:30 AM 05-19-95.
- 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 / SR H TITLE Drilling Operations Mgr. DATE 5/22/95
TYPE OR PRINT NAME C. P. Basham Telephone No. (303)621-4851

(This space for State Use)

ORIGINAL SIGNED BY

APPROVED BY GARY WINK TITLE FIELD REP. II DATE MAY 30 1995
CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

MAY 20 1985

COMMUNICATIONS
OFFICE

MAY 21 1985

Dowell

CemDABE Cement Test Report

May 9, 1995

DATE OF TEST : 09-may-1995

TEST NUMBER : NPD533100001

CUSTOMER : TEXACO

FIELD : LEA NM

WELL : COOPER JAL 410

BASE FLUID

Density : 8.32 lb/gal

Volume : 6.32 gal/sk

Type : LO

Total liquid : 6.32 gal/sk

CEMENT

Class : C

Blend :

Brand : LONESTAR

Plant : MARYNEAL

SLURRY

Density : 14.80 lb/gal

Yield : 1.34 ft³/sk

B.H.S.T. : 84.0 F

B.H.C.T.: 80.0 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

$$T_y : 24.235 \text{ lb}_f/100 \text{ ft}^2$$
 $P_n : 16.626 \text{ cP}$

Correlation coefficient : 0.977

Thickening Time : 1 hr22 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	40.0	0.0
200.0	36.0	0.0
100.0	31.0	0.0
60.0	26.0	0.0
30.0	20.0	0.0
6.0	17.0	0.0
3.0	14.0	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)
619	6.0	84.0
1410	12.0	84.0
2000	24.0	84.0

Comment :

FIELD BLEND

CLASS C + 2% S1

LOCATION WATER USED

SURFACE 400' POD = 0:50

RECEIVED

MAY 20 1953

**U. S. ARMY
OFFICE**