

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. 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. 30-025-31990
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. B-1306
7. Lease Name or Unit Agreement Name NEW MEXICO 'R' STATE NCT-1
8. Well No. 13
9. Pool name or Wildcat VACUUM DRINKARD
10. Elevation (Show whether DF, RKB, RT, GR, etc.) GR-3977', KB-3991'

SUNDRY NOTICES AND REPORTS ON WELLS
(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 <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	2. Name of Operator TEXACO EXPLORATION AND PRODUCTION INC.
3. Address of Operator P. O. Box 3109 Midland, Texas 79702	4. Well Location Unit Letter <u>G</u> : <u>1905</u> Feet From The <u>NORTH</u> Line and <u>2130</u> Feet From The <u>EAST</u> Line Section <u>6</u> Township <u>18-SOUTH</u> Range <u>35-EAST</u> NMPM LEA County <u></u>
10. Elevation (Show whether DF, RKB, RT, GR, etc.) GR-3977', KB-3991'	

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input checked="" type="checkbox"/>
OTHER: <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
	CASING TEST AND CEMENT JOB <input checked="" type="checkbox"/>
	OTHER: SPUD & SURFACE CASING <input checked="" type="checkbox"/>

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. TMBR/SHARP RIG #17 SPUD 14 3/4 INCH HOLE @ 4:00 PM 07-05-93. DRILLED TO 1460'. TD @ 4:00 PM 07-06-93.
2. RAN 34 JTS OF 11 3/4, 42#, WC-40, STC CASING SET @ 1460'. RAN 10 CENTRALIZERS.
3. DOWELL CEMENTED WITH 660 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, 1.32 CF/S). PLUG DOWN @ 11:00 PM 07-06-93. CIRCULATED 16 SACKS.
4. NU BOP & TESTED TO 1500#. TESTED CASING TO 1500# FOR 30 MINUTES FROM 9:00 AM TO 9:30 AM 07-07-93.
5. WOC TIME 10 HOURS FROM 11:00 PM 07-06-93 TO 9:00 AM 07-07-93. REQUIREMENTS OF RULE 107, OPTION 2:
 1. VOLUME OF CEMENT SLURRY: LEAD 1148 (CU.FT), TAIL 264 (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: 1175 PSI.
 5. ACTUAL TIME CEMENT IN PLACE PRIOR TO TESTING: 10 HOURS.
6. DRILLING 11 INCH HOLE.

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

SIGNATURE C.P. Basham / SDH TITLE DRILLING OPERATIONS MANAGER DATE 07-08-93
TYPE OR PRINT NAME C.P. BASHAM TELEPHONE NO. 915-6884620

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT I SUPERVISOR

APPROVED BY _____ TITLE _____ DATE JUL 12 1993

CONDITIONS OF APPROVAL, IF ANY:



CemDABE Cement Test Report

July 5, 1993

DATE OF TEST : 05-jul-1993

CUSTOMER : TEXACO

FIELD : LEA NM

WELL : NMS CST 13

MIX WATER

Density : 8.32 lb/gal

Volume : 6.32 gal/sk

Type : LO

Total liquid : 6.32 gal/sk

ADDITIVES		
Code	Concent.	Unit
S001	2.000	% BWOC

TEST NUMBER : NPD331500002

CEMENT

Class : C

Blend :

Brand : LONESTAR

Plant : MARYNEAL TX

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

Rheometer type : Fann 35

Spring factor : 1.0

Bob No : 1

Rotor No : 1

Rheological model (Dial 1) : Bingham Plastic

T_v : 36.470 lb_f/100 ft²

P_v : 12.051 cP

Correlation coefficient : 0.990

Thickening Time : 1 hr50 mn to 70 BC

API Schedule : 1G1

Set condition :

Consistometer serial number :

No Fluid Loss data available

No Free Water data available

Rheological data		
Temp. (F) :	80.0	0.0
R.P.M.	Dial 1	Dial 2
300.0	48.0	0.0
200.0	45.0	0.0
100.0	40.0	0.0
60.0	36.0	0.0
30.0	31.0	0.0
6.0	25.0	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)
1000	8.0	90.0
1700	12.0	90.0
2000	24.0	90.0

Comment :

C + 2% S1

TAIL FIELD BLEND

LOCATION WATER USED

TVD-1460

HOBBS LAB