

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. 30-025-31838
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. B-1056-2
7. Lease Name or Unit Agreement Name VACUUM GLORIETA WEST UNIT
8. Well No. 41
9. Pool name or Wildcat VACUUM GLORIETA

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 type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER WATER INJECTION	
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 J : 1377 Feet From The SOUTH Line and 1646 Feet From The EAST Line Section 25 Township 17-SOUTH Range 34-EAST NMPM LEA County	
10. Elevation (Show whether DF, RKB, RT, GR, etc.) GR-3995', KB-4009'	

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 #3 SPUD 11 inch HOLE @ 7:00pm 02-23-93. DRILLED TO 1550'. TD @ 11:45am 2-24-93.
2. STUCK DRILL PIPE. FISHED AND RECOVERED SAME, LEFT CONES. FISH AND MILL CONES. DRILLED TO 1566'.
3. RAN 35 JTS OF 8 5/8, 24#, WC-50, STC CASING SET @ 1566'. RAN 10 CENTRALIZERS.
4. DOWELL CEMENTED WITH 450 SACKS CLASS C w/ 4% GEL, 2% CaCl₂ (13.5ppg, 1.74cf/s). F/B 200 SACKS CLASS C w/ 2% CaCl₂ (14.8ppg, 1.32cf/s). PLUG DOWN @ 7:00am 03-1-93. DID NOT CIRCULATE CEMENT.
5. RAN TEMP. SURVEY. TOP OF CEMENT @ 400'. RAN 1 inch TBG. TO 332'. CEMENTED w/ 300 SACKS TO SURF.
6. NU BOP & TESTED TO 1200#. TESTED CASING TO 1200# FOR 30 MINUTES FROM 5:00pm TO 5:30pm 3-1-93.
7. WOC TIME 10 HOURS FROM 7:00am 03-1-93 TO 5:00pm 03-1-93. REQUIREMENTS OF RULE 107, OPTION 2:
 1. VOLUME OF CEMENT SLURRY: LEAD 783 (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: 1332 PSI.
 5. ACTUAL TIME CEMENT IN PLACE PRIOR TO TESTING: 10 HOURS.
8. DRILLING 7 7/8 HOLE.

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

SIGNATURE C. P. Basham / cwh TITLE DRILLING OPERATIONS MANAGER DATE 03-02-93
TYPE OR PRINT NAME C. P. BASHAM TELEPHONE NO. 915-6884620

(This space for State Use)

Orig. Signed by
Paul Kautz
Geologist

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:



CemDABE Cement Test Report

February 3, 1993
Date of test : 03-feb-1993

TEST NUMBER : NPD303900002

CUSTOMER : TEXACO
FIELD : LEA NM
WELL : VAC 67, 68, 95, 96, 41
Concentrations are expressed for 94 lbs Sack
BASE FLUID

Density : 8.32 lb/gal
Content : 6.320 gal/sk
Type : LO
Total liquid : 6.320 gal/sk

CEMENT

Class : C
Blend :
Brand : LONESTAR
Plant : MARYNEAL

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

Set condition :
Consistometer serial number :

Spring factor : 1.0
Bob No : 1
Rotor No : 1

Rheological model (Dial 1) : Bingham Plastic
 $T_v : 27.732 \text{ lbf}/100\text{ft}^2$
 $P_v : 26.697 \text{ cP}$
Correlation coefficient : 0.982

Thickening Time : 2 hr 5 min to 70 BC
API Schedule :

No Fluid Loss data available

No Free Water data available

Comment :

C + 2% S1 FIELD BLEND TEST
LOCATION WATER USED.
TVD-1550 FT.
HOBBS LAB

Rheometer type : Fann 35

Rheological data		
Temp. (F) :	80.0	0.0
R.P.M.	Dial 1	Dial 2
300.0	53.0	0.0
200.0	47.0	0.0
100.0	38.0	0.0
60.0	31.0	0.0
30.0	26.0	0.0
6.0	21.0	0.0
3.0	19.0	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)
500	6.0	90.0
1749	12.0	90.0
2100	24.0	90.0

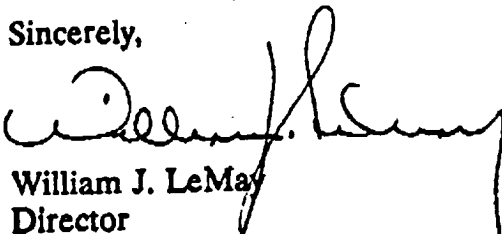
Texaco Exploration and Production
Attention: C. P. Basham
January 8, 1993
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By the authority granted me under the provisions of General Rule 104.F. the following eight unorthodox injection well locations are hereby approved. Further, Exhibit "A" of Order No. R-9714 shall be amended to reflect the following location changes:

<u>Lease Name</u>	<u>Corrected Footage</u> <u>Location</u>	<u>U-L-S-T-R</u>	<u>VGWU</u> <u>Well No.</u>
Bridges State	1410' FSL - 1300' FWL	L-24-17S-34E	4 ✓
NM "Q" State	1377' FSL - 1646' FEL	J-25-17S-34E	41 ✓
NM "O" State	1728' FNL - 351' FEL	H-36-17S-34E	68 ✓
NM "O" State	2576' FSL - 149' FEL	I-36-17S-34E	82 ✓
State "I"	1426' FSL - 199' FWL	L-36-17S-34E	92 ✓

All other provisions of said Order No. R-9714 shall remain in full force and effect until further notice.

Sincerely,


William J. LeMay
Director

WJL/MES/jc

cc: Oil Conservation Division - Hobbs
File: Case No. 10516
Oil Conservation Division - Michael E. Stogner ✓
Oil Conservation Division - David R. Catanach