Form C 103 Revised 1-1-80

DISTRICT I

DISTRICT

DISTRICT III

1. Type of Well

Name of Operator

3. Address of Operator

4. Well Location

P.O. Box 1980, Holbbs, NM 88240

P.O. Box Prawer DD, Artesia, NM 88210

1000 Rio Brazos Rd., Aztec, NM 87410

(DO NOT USE THIS FORM FOR PROP

OH

Unit _etter ___

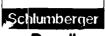
WELL

044 0034077744		
i, NM 88240	OIL CONSERVATION DIVISION	WELL API NO
1, IIII 00270	P.O. Box 2088	30-025-32911
Artesia, NM 88210	Santa Fe, New Mexico 87504-2088	5. Indicate Type of Lease STATE FEE
Aztec, NM 87410		6. State Oil / Gas Lease No.
IS FORM FOR PRO DIFFERENT RESE		7. Lease Name or Unit Agreement Name STATE 'L'
TEXACO EX	(PLORATION & PRODUCTION INC.	8. Well No. 5
P.O. Box 46	i510, Denver Colorado 80201-6510	9. Pool Name or Wildcat TUSTIS TUDB [Irin kard
ter <u> </u>	2260 Feet From The NORTH Line and 1800	Feet From The WEST Line
2	Township 25-S Range 37-E NA	MPM LEA COUNTY

Elevation (Show whether DF, RKB, RT,GR, etc.) 3165 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 SPUD, SURFICSG, PRODICSG. OTHER: OTHER: \times

- 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 SPUD 11 INCH HOLE **@** 7:00 PM 04-29-95. DRILLED TO 985'. TD **@** 9:15 AM 04-30-95.
- 2. RAN 23 JOINTS OF 8 5/8, 24#, WC-50, STC CASING SET @ 985'. RAN 10 CENTRALIZERS.
- DOWELL CEMENTED WITH 325 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, 1.34 CF/S). PLUG DCWN @ 7:30 PM 04-30-95. CIRCULATED 275 SACKS.
- NU BOP & TESTED TO 1500#. TESTED CASING TO 1500# FOR 30 MINUTES FROM 6:00 AM TO 6:30 AM 05-01-95.
- WOC TIME 10-1/2 HOURS FROM 7:30 PM 04-30-95 TO 6:00 AM 05-01-95. REQUIREMENTS OF RULE 107, OPTION 2:
 - 1 VOLUME OF CEMENT SLURRY: LEAD 565 (CU. FT.), TAIL 268 (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: 1304 PSI.
 - 5. ACTUAL TIME CEMENT IN PLACE PRIOR TO TESTING: 10-1/2 HOURS.
- DRILLING 7.7/8 HOLE.
- DRILLED 7 7/8 HOLE TO 7240'. TD @ 8:00 PM 05-10-95.
- HLS RAN LOG #1:GR-DLL-MSFL-BHCS-CAL,7217-2200'. LOG #2:CSNG-CNL-LDT-CAL FROM 7217' TO 2200'. PULLED GR-CNL TO SUFRACE. RAN 51 JOINTS OF \$1/2, 17# L-80,(2255'), 115 JOINTS OF 15.5# CF50(4985'). LTC CASING SET @ 7240'.
- 10. DOWELL CEMENTED WITH 1400 SACKS 35/65 POZ CLASS H W/ 6% GEL, 5% SALT, 1/4# FLOCELE (12.8 PPG, 1.94 CF/S). F/B 500 SACKS 50/50 POZ CLASS H W/ 2% GEL, 5% SALT, 1/4# FLOCELE (14.2 PPG, 1.35 CF/S). PLUG DOWN @ 2:45 AM C5-13-95. DID NOT CIRCULATE CEMENT
- 11. ND. RELEASE RIG @ 7:00 AM 05-13-95
- PREP TO COMPLETE.

hereby certify that the information above is true and complete to the best of my knowledge and bekef	
SIGNATURE C.P. Basham SRH TITLE Drilling Operation	ns Mgr. DATE <u>5/17/95</u>
TYPE OR PRINT NAME C. P. Basham	Telephone No. (303)621-4851
(This space for State Use) ORIGINAL SILVARUE (1) 3EPRY REXIDM	MAY 23 1995
APPROVED BY BIOLOGI SUPERVISOR TITLE	DATE
CONDITIONS OF APPROVAL, IF ANY:	



Dowell

CemDABE Cement Test Report

April 29, 1995

DATE OF TEST: 29-apr-1995

TEST NUMBER: NPD530100002

CUSTOMER : TEXACO

CEMENT

FIELD.

: LEA NM

Class: C

WELL

: STATE L 5

Blend:

BASE FLUID

Brand: LONESTAR

Density: 8.32 lb/gal Volume: 6.32 gal/sk Plant: MARYNEAL

SLURRY

Type: LO

Density: 14.80 lb/gal

Total liquid: 6.32 gal/sk

Yield: $1.32 \text{ ft}^3/\text{sk}$

B.H.S.T.: 90.0 F

B.H.C.T.: 85.0 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_{ν} : 22.118 $lbf/100ft^2$

 P_v : 13.631 cP

Correlation coefficient: 0.986

Thickening Time: 2 hr20 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	32.0	0.0		
100.0	27.0	0.0		
60.0	24.0	0.0		
30.0	23.0	0.0		
5.0	18.0	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)		
1050	6.0	90.0		
1390	12.0	90.0		
1749	24.0	90.0		

Comment:

FIELD BLEND CALSS C + 2%S1

LOCATION WATER USED

SURFACE TAIL 1200' POD = 1:36