state of New Mexico

Form C-103

Submit 3 Copies Energy, Minerals and Natural Resources Department Revised 1-1-89 to Appropriate District Office **OIL CONSERVATION DIVISION** DISTRICT I WELL API NO. P.O. Box 1980, Hobbs, NM 88240 P.O. Box 2088 30-025-32160 Santa Fe, New Mexico 87504-2088 5. Indicate Type of Lease P.O. Drawer DD, Artesia, NM 88210 FEE X STATE ___ DISTRICT III
1000 Rio Brazos Rd., Aziec, NM 87410 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 A 7. Lease Name or Unit Agreement Name DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" R.R. SIMS 'A' (FORM C-101) FOR SUCH PROPOSALS.) 1. Type of Well: OAS OAS OEL WELL X 8. Well No. 2. Name of Operator TEXACO EXPLORATION AND PRODUCTION INC. 3 9. Pool name or Wildcat Address of Operator Midland, Texas 79702 P. O. Box 3109 NORTH TEAGUE FUSSELMAN Well Location 2175 Feet From The WEST Line Unit Letter N 380 Feet From The SOUTH Line and waship 23-SOUTH Range 37-EAST

10. Elevation (Show whether DF, RKB, RT, GR, etc.) Township 23-SOUTH NMPM LEA County Section / GR-3335', KB-3349' Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data 11. NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF: **ALTERING CASING** PERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL WORK COMMENCE DRILLING OPNS. PLUG AND ABANDONMENT **CHANGE PLANS** TEMPORARILY ABANDON CASING TEST AND CEMENT JOB **PULL OR ALTER CASING** OTHER: SPUD & SURFACE CASING OTHER: 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. HONDO RIG #11 SPUD 14 3/4 INCH HOLE @ 3:00 PM 09-01-93. DRILLED TO 1180'. TD @ 2:00 PM 09-02-93.

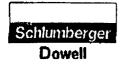
- 2. RAN 28 JTS OF 11.3/4, 42#, WC-40, STC CASING SET @ 1180'. RAN 10 CENTRALIZERS.
- 3. DOWELL CEMENTED WITH 550 SACKS CLASS C W/ 4% GEL, 2% CACL2 (13.5 PPG, 1.74 CF/S). F/B 200 SACKS
- CLASS C W/ 2% CACL2 (14.8 PPG, 1.32 CF/S). PLUG DOWN @ 9:00 AM 09-04-93. CIRCULATED 74 SACKS.
- 4. NU BOP & TESTED TO 1500#. TESTED CASING TO 1500# FOR 30 MINUTES FROM 10:45 PM TO 11:15 PM 09-04-93.
- 5. WOC TIME 13 3/4 HOURS FROM 9:00 AM 09-04-93 TO 10:45 PM 09-04-93. REQUIREMENTS OF RULE 107, OPTION 2:
 - 1. VOLUME OF CEMENT SLURRY: LEAD 957 (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: 1792 PSI.
 - 5. ACTUAL TIME CEMENT IN PLACE PRIOR TO TESTING: 13 3/4 HOURS.
- RILLING 11 INCL LIOI E

DRILLING II 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 / SIGH TITLE DRILLING OPERATIONS MANAGER DATE 09-09-93						
TYPE OR PRINT NAME C.P	ТЕLЕРНОМЕ NO. 915-6884620					
(This space for State Use)	ORIGINAL SIGNED BY JERRY SEXTON DISTRICT I SUPERVISOR	TITLE	SEP 13 1993			

APPROVED BY-

PECEIVED

SEP 1 3 1993



CemDABE Cement Test Report

September 2, 1993

DATE OF TEST: 01-sep-1993

TEST NUMBER: NPD343900002

CUSTOMER : TEXACO

FIELD

: LEA NM

WELL

: R R SIMS A 3

CEMENT

Class: C

Blend:

Brand: LONESTAR

Plant: MARYNEAL TX

BASE FLUID

Density: 8.32 lb/gal

Volume: 6.32 gal/sk

Type: LO

Total liquid: 6.32 gal/sk

SLURRY

Density: 14.80 lb/gal

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	
\$001	2.000	% BWOC	

Rheometer type: Fann 35

Spring factor: 1.0

Bob No: 1 Rotor No: 1

Rheological	model (Dial 1): Bingham Plastic
$T_{oldsymbol{ u}}$:	$13.121 \ lbf/100ft^2$
$P_{\mathbf{v}}$:	18.181 cP
Correlation c	oefficient : 0.995

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	31.0	0.0		
200.0	25.0	0.0		
100.0	20.0	0.0		
60.0	17.0	0.0		
30.0	14.0	0.0		
6.0	12.0	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				

Compressive strength				
PSI	Hours	Temp. (F)		
500	6.0	90.0		
1500	12.0	90.0		
2000	24.0	90.0		

Comment:

C + 2% S1 TAIL FIELD BLEND LOCATION WATER USED TVD-1180 HOBBS LAB