Submit 3 copies to Appropriate District Office

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

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-103
Revised 1-1-89

WELL API NO. 30-025-33722

5. Indicate Type of Lease STATE ☒ FEE ☐

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 DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMI (FORM C-101) FOR SUCH PROPOSALS.

7. Lease Name or Unit Agreement Name: CENTRAL VACUUM UNIT

1. Type of Well: OIL WELL ☒ GAS WELL ☐ OTHER

2. Name of Operator: TEXACO EXPLORATION & PRODUCTION INC.

8. Well No. 175

3. Address of Operator: P.O. Box 2100, Denver Colorado 80201

9. Pool Name or Wildcat: VACUUM GRAYBURG SAN ANDR

4. Well Location

Unit Letter L : 1617 Feet From The SOUTH Line and 1107 Feet From The WEST Line

Section 31 Township 17-S Range 35-E NMPM LEA COUNTY

10. Elevation (Show whether DF, RKB, RT,GR, etc.) 3983'

11. 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	☐		
OTHER:	☐			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.

1. NABORS RIG #348 SPUD 11 INCH HOLE @ 3:00 PM 01-03-97. DRILLED TO 1520 '. TD @ 6:00 PM 01-04-97.
2. RAN 35 JOINTS(1520') OF 8 5/8 INCH, 24#, WC-50, STC CASING SET @ 1520'. RAN 15 CENTRALIZERS.
3. DOWELL CEMENTED WITH 400 SACKS CLASS C W/ 4% GEL, 2% CACL2 (13.5 PPG, 1.74 CF/S). F/B 150 SACKS CLASS C W/ 2% CACL2 (14.8 PPG, 1.34 CF/S). PLUG DOWN @ 1:45 AM 01-05-97. CIRCULATED 26 SACKS.
4. NU BOP & TESTED TO 1200#. TESTED CASING TO 1000# FOR 30 MINUTES FROM 1:00 PM TO 1:30 PM 01-05-97.
5. WOC TIME 11 HOURS AND 15 MINUTES FROM 1:45 AM TO 1:00 PM 01-05-97. REQUIREMENTS OF RULE 107, OPTION 2:
   1. VOLUME OF CEMENT SLURRY: LEAD 696 (CU. FT.), TAIL 201 (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: 1300 PSI.
   5. ACTUAL TIME CEMENT IN PLACE PRIOR TO TESTING: 11 HOURS AND 15 MINUTES.
6. DRILLING 7 7/8 INCH HOLE.
7. DRILLED 7 7/8 INCH HOLE TO 4890'. TD @ 4:15 PM 01-10-97.
8. SCHLUMBER RAN PLATFORM EXPRESS(CN/LDT/DLL) WITH NGT/BHC SONIC FROM 4887'-2900'. PULL NCT CNL TO SURFACE.
9. RAN 112 JOINTS(4898') OF 5 1/2 INCH, 15.50#, WC-50, LTC CASING SET @ 4898'.
10. DOWELL CEMENTED: 700 SACKS 35/65 POZ CLASS H W/ 6% GEL, 5% SALT, 1/4# FLOCELE (12.8 PPG, 1.94 CF/S). F/B 200 SACKS 50/50 POZ CLASS H W/ 2% GEL, 5% SALT, 1/4# FLOCELE (14.2 PPG, 1.35 CF/S). PLUG DOWN 1830 HOURS 01-11-97. CIRCULATED 900 SACKS.
11. ND. RELEASE RIG @ 11:30 PM 01-11-97.
12. 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 SRH TITLE Eng. Assistant. DATE 1/17/97

TYPE OR PRINT NAME Sheilla D. Reed-High Telephone No. (303)621-4851

(This space for State Use)

APPROVED ORIGINAL SIGNED BY GARY WINK FIELD REP. II

CONDITIONS OF APPROVAL, IF ANY: TITLE DATE JAN 27 1997

DeSoto/Nichols 10-94 ver 2.0

Schlumberger
Dowell

CemDABE Cement Test Report

January 9, 1997
DATE OF TEST : 09-jan-1997

TEST NUMBER : NPD702200001

CUSTOMER : TEXACO
FIELD : LEA NM
WELL : CVU 175

BASE FLUID
Density : 8.32 lb/gal
Volume : 10.32 gal/sk
Type : LO
Total liquid : 10.32 gal/sk

CEMENT
Class : H
Blend : 3565
Brand : LONESTAR
Plant : MARYNEAL

SLURRY
Density : **12.80** lb/gal
Yield : 1.93 ft^3/sk

B.H.S.T. : 114.0 F
B.H.C.T. : 103.0 F

ADDITIVES		
Code	Concent.	Unit
D020	6.000	% BWOC
D029	0.260	% BWOC
D044	5.000	% BWOW
D046	0.200	% BWOC

Rheometer type : Fann 35
Spring factor : 1.0
Bob No : 1
Rotor No : 1

Rheological model (Dial 1) : Bingham Plastic
T_y : 31.117 $lbf/100ft^2$
P_v : 6.025 cP
Correlation coefficient : 1.000

Rheological data		
Temp. (F) :	75.0	0.0
R.P.M.	Dial 1	Dial 2
300.0	37.0	0.0
200.0	35.0	0.0
100.0	33.0	0.0
60.0	31.0	0.0
30.0	29.0	0.0
6.0	21.0	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		

Thickening Time : 4 hr11 mn to 70 BC
API Schedule :
Set condition :
Consistometer serial number :

No Fluid Loss data available

No Free Water data available

Compressive strength		
PSI	Hours	Temp. (F)
156	6.0	114.0
266	12.0	114.0
387	24.0	114.0

Comment :

FIELD BLEND
35/65 POZ/H + 6% D20 + 5% D44 (BWOW) + 0.25PPS D29 + 0.2% D46
LOCATION WATER USED
LONG STRING LEAD 4850' POD = 2:55

Schlumberger
Dowell

CemDABE Cement Test Report

January 13, 1997
DATE OF TEST : 13-jan-1997

TEST NUMBER : NPD702200002

CUSTOMER : TEXACO
FIELD : LEA NM
WELL : C V U 175

BASE FLUID
Density : 8.32 lb/gal
Volume : 6.30 gal/sk
Type : LO
Total liquid : 6.30 gal/sk

ADDITIVES		
Code	Concent.	Unit
D020	2.000	% BWOC
D029	0.250	% BWOC
D044	5.000	% BWOW
D079	0.200	% BWOC

CEMENT
Class : H
Blend : 5050
Brand : LONESTAR
Plant : MARYNEAL

SLURRY
Density : **14.20** lb/gal
Yield : 1.35 ft^3/sk

B.H.S.T. : 114.0 F
B.H.C.T. : 103.0 F

Rheometer type : Fann 35
Spring factor : 1.0
Bob No : 1
Rotor No : 1

Rheological model (Dial 1) : Bingham Plastic
T_y : 14.087 $lbf/100ft^2$
P_v : 20.883 cP
Correlation coefficient : 0.991

Rheological data		
Temp. (F) :	75.0	0.0
R.P.M.	Dial 1	Dial 2
300.0	34.0	0.0
200.0	29.0	0.0
100.0	22.0	0.0
60.0	17.0	0.0
30.0	16.0	0.0
6.0	14.0	0.0
3.0	13.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
10 minutes Gel : 0.0		

Thickening Time : 3 hr39 mn to 70 BC
API Schedule :
Set condition :
Consistometer serial number :

No Fluid Loss data available

No Free Water data available

Compressive strength		
PSI	Hours	Temp. (F)
90	6.0	114.0
490	12.0	114.0
1100	24.0	114.0

Comment :

FIELD BLEND
50/50POZ/H + 2%D20 + 5%D44(BWOW) + 0.2%D79 + 0.25PPSD29
LOCATION WATER USED
LONG STRING TAIL 4850' POD = 1:56

CEMENTING REPORT

File No.: _____ Report Date: _____

Operator: Texaco Requested By: _____

Lease No: CVU 175 Service Point: Hobbs

Location: Lea NM Type of Job: Surface

Test Conditions:

Depth: 1650 ft., Temp Grad _____. BHST: 92 °F, BHCT: 89 °F

Properties:	Density (ppg)	Yield (cu ft/sk)	Mix Water (gal/sk)	Total Liquid (gal/sk)	Water Source	Cement Source
System No. 1	13.5	1.74	9.11	9.11	Loc	C
System No. 2	14.8	1.32	6.32	6.32	Loc	C
System No. 3						
System No. 4						

Cement System Compositions:

System No. 1 C + 4% D20 + 27.5 l

System No. 2 C + 27.5 l

System No. 3 _____

System No. 4 _____

Thickening Time Results **Rheology Results**

SYSTEM	HR:MIN	BC	300	200	100	60	30	6	3	PV or n'	Ty or k'	REHOLOGY MODEL	I.O.D.
No. 1	3:00	70	36	31	27			14	12				
No. 2	2:00	70	40	36	31			17	14				
No. 3													
No. 4													

Compressive Strengths - psi

SYSTEM	TEMP.	6 HRS.	12 HRS.	24 HRS.
No. 1	92 °F	250	500	800
No. 1	°F			
No. 2	92 °F	600	1400	2000
No. 2	°F			
No. 3	°F			
No. 3	°F			
No. 4	°F			
No. 4	°F			

FLUID LOSS **FREE WATER**

	_____ °F, _____ psi	_____ °F
SYSTEM	mL/30 min	mL
No. 1		
No. 2		
No. 3		
No. 4		

Remarks: Previous Data

Chemist: _____