

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. 30-025-31816 |
| 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. 54 |
| 9. Pool name or Wildcat VACUUM GLORIETA |
| 10. Elevation (Show whether DF, RKB, RT, GR, etc.) GR-3996', KB-4010' |

| | |
|--|--|
| 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 B : 51 Feet From The NORTH Line and 1588 Feet From The EAST Line Section 36 Township 17-SOUTH Range 34-EAST NMPM LEA County | |
| 10. Elevation (Show whether DF, RKB, RT, GR, etc.) GR-3996', KB-4010' | |

| | |
|---|--|
| 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 @ 8:30pm 01-24-93. DRILLED TO 1550'. TD @ 6:30am 1-25-93.
2. RAN 35 JTS OF 8 5/8, 24#, WC-50, STC CASING SET @ 1550'. RAN 10 CENTRALIZERS.
3. 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 @ 4:00am 01-26-93. CIRCULATED COLORED WATER.
4. RAN TEMPERATURE SURVEY. TOP OF CEMENT @ 22'. CEMENTED BACK TO SURFACE WITH 25 SACKS CLASS C (15.6ppg, 1.19cf/s).
5. NU BOP & TESTED TO 1500#. TESTED CASING TO 1500# FOR 30 MINUTES FROM 12:45pm TO 1:15pm 1-26-93.
6. WOC TIME 8 3/4 HOURS FROM 4:00am TO 12:45pm 01-26-93. 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: 820 PSI.
5. ACTUAL TIME CEMENT IN PLACE PRIOR TO TESTING: 8 3/4 HOURS.

7. 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 / cwp TITLE DRILLING OPERATIONS MANAGER DATE 01-27-93

TYPE OR PRINT NAME C. P. BASHAM TELEPHONE NO. 915-6884620

(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

ORIGINAL SIGNATURE OF FIELD SUPERVISOR

FEB 01 1993



December 29, 1992

Date of test : 29-dec-1992

TEST NUMBER : NPD260800002

CUSTOMER : TEXACO
FIELD : LEA NM
WELL : VACUUM 20,42,92 54
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 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

| 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

 $T_y : 25.991 \text{ lbf}/100 \text{ ft}^2$ $P_y : 15.715 \text{ cP}$

Correlation coefficient : 0.987

Thickening Time : 2 hr47 mn to 70 BC

API Schedule : 1G1

No Fluid Loss data available

No Free Water data available

Rheometer type : Fann 35

| Rheological data | | |
|----------------------|--------|--------|
| Temp. (F) : | 80.0 | 0.0 |
| R.P.M. | Dial 1 | Dial 2 |
| 300.0 | 41.0 | 0.0 |
| 200.0 | 37.0 | 0.0 |
| 100.0 | 32.0 | 0.0 |
| 60.0 | 28.0 | 0.0 |
| 30.0 | 25.0 | 0.0 |
| 6.0 | 20.0 | 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) |
|------|-------|-----------|
| 530 | 6.0 | 90.0 |
| 1400 | 12.0 | 90.0 |
| 1850 | 24.0 | 90.0 |

Comment :

C + 2% S1 TAIL FIELD BLEND

LOCATION WATER USED

TVD-1550

HOBBS LAB

2001-01-14

1993-01-14

RECEIVED

1993

OFFICE