

Submit 3 Copies To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

HOBBS OCD

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
June 19, 2008

MAR 07 2013

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

RECEIVED

| |
|---|
| WELL API NO. 30-025-40654 |
| 5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> |
| 6. State Oil & Gas Lease No. VO-9177 |
| 7. Lease Name or Unit Agreement Name Leon State |
| 8. Well Number 1 |
| 9. OGRID Number 013837 |
| 10. Pool Name or Wildcat WC-025 6-01 5123310P SAN ANDRES |
| 11. Elevation (Show whether DR, RKB, RT, GR etc.) 4252' GR |

| | |
|--|--|
| 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 checked="" type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other <input type="checkbox"/> | |
| 2. Name of Operator Mack Energy Corporation | |
| 3. Address of Operator P.O. Box 960 Artesia, NM 88210 | |
| 4. Well Location Unit Letter <u>P</u> <u>330</u> feet from the <u>South</u> line and <u>330</u> feet from the <u>East</u> line Section <u>10</u> Township <u>12S</u> Range <u>33E</u> NMPM County <u>Lea</u> | |
| 11. Elevation (Show whether DR, RKB, RT, GR etc.) 4252' GR | |

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐

OTHER: Change TD Depth/Casing ☒

SUBSEQUENT REPORT OF:

REMEDIALWORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: ☐

13. 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. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Mack Energy proposes to change the TD depth of the Leon State #1 to 5400'. This will also change target formation to San Andres. Production casing will now be 5400' L-80 LT&C 17#, cemented with 775sx Class H.

Spud Date:

Rig Release Date:

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

SIGNATURE

Jerry W. Sherrell

TITLE Production Clerk

DATE 3/5/13

Type or print name Jerry W. Sherrell

E-mail address: jerrys@mec.com

PHONE: (575)748-1288

For State Use Only

APPROVED BY

[Signature]

TITLE

Dist. MGR

DATE

7-9-2013

Conditions of Approval (if any):

JUL 09 2013

HOBBS OCD

AUG 24 2012

INVOICE

Nº B 0192

PO Box 7
Lovington, NM 88260
(575) 224-2345 (575) 942-9

RECEIVED

Company, Black Energy

Date 8-18-2012 Start Time 10:00 ☐ am ☒ pm

Lease KANSAS ST #1

County CEA State N.Y.

Company Man.

Tester DAVID

Wellhead Vendor

Drig. Contractor Silver Oak

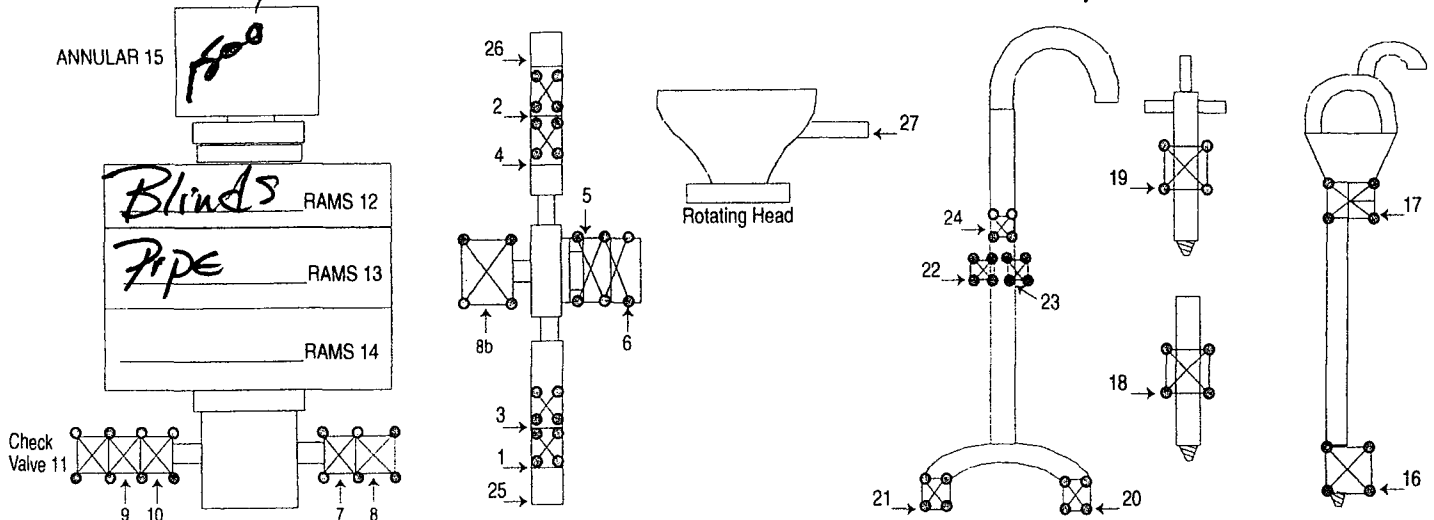
Rig # 2

Tool Pusher Samme

Plug Type 1 Plug Size 11" Drill Pipe Size 7 1/2 X 0

Casing Valve Opened YES

Check Valve Open Yes

[illegible]



PO Box 7
Lovington, NM 88260
(575) 224-2345 (575) 942-9472

Company Mach Energy Date 8-18-2012
Lease Kansas St #1 County LEA
Drilling Contractor Silver Oak Log Plug & Drill Pipe Size 11" / 4 1/2" x 0

Accumulator Function Test - OO&GO#2

To Check - USABLE FLUID IN THE NITROGEN BOTTLES (III.A.2.c.i. or ii or iii)

- Make sure all rams and annular are open and if applicable HCR is closed.
- Ensure accumulator is pumped up to working pressure! **(Shut off all pumps)**
 1. Open HCR Valve. (If applicable)
 2. Close annular.
 3. Close **all** pipe rams.
 4. Open one set of the pipe rams to simulate closing the blind ram.
 5. For 3 ram stacks, open the annular to achieve the 50+ % safety factor. (5M and greater systems).
 6. **Record remaining pressure** 1800 psi. **Test Fails if pressure is lower than required.**
 - a. {950 psi for a 1500 psi system} b. {1200 psi for a 2000 & 3000 psi system }
 7. If annular is closed, open it at this time and close HCR.

To Check - PRECHARGE ON BOTTLES OR SPHERICAL (III.A.2.d.)

- Start with manifold pressure at, or above, maximum acceptable pre-charge pressure:
 - a. {800 psi for a 1500 psi system} b. {1100 psi for 2000 and 3000 psi system}
- 1. Open bleed line to the tank, slowly. **(gauge needle will drop at the lowest bottle pressure)**
 2. Close bleed line. Barely bump electric pump and see what pressure the needle jumps up to.
 3. **Record pressure drop** 1000 psi. **Test fails if pressure drops below minimum.**
- **Minimum:** a. {700 psi for a 1500 psi system } b. {900 psi for a 2000 & 3000 psi system }

To Check - THE CAPACITY OF THE ACCUMULATOR PUMPS (III.A.2.f.)

- Isolate the accumulator bottles or spherical from the pumps & manifold.
- Open the bleed off valve to the tank, {manifold psi should go to 0 psi} close bleed valve.
 1. Open the HCR valve, {if applicable}
 2. Close annular
 3. With **pumps** only, time how long it takes to regain the required manifold pressure.
 4. **Record elapsed time** 1 min, **Test fails if it takes over 2 minutes.**
 - a. {950 psi for a 1500 psi system} b. {1200 psi for a 2000 & 3000 psi system}

