

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

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised March 25, 1999

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO.
30-015-33738

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

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OB-ARTESIA

1. Type of Well:

Oil Well ☐ Gas Well ☒ Other ☐

2. Name of Operator

Mewbourne Oil Company 14744

3. Address of Operator

PO Box 5270 Hobbs, NM 88241

7. Lease Name or Unit Agreement
Name:

Angel Draw 2 St Com

8. Well No.
#2

9. Pool name or Wildcat

Angel Ranch / Atoka Morrow 70310

4. Well Location

Unit Letter K : 1700 feet from the South line and 1980 feet from the West line

Section 2 Township 20S Range 27E NMPM Eddy County

10. Elevation (Show whether DR, RKB, RT, GR, etc.)
3387' GL

11. 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 COMPLETION ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☒

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

01/30/05...MI & spud 17 1/2" hole. TD'd @ 460'. Ran 460' 13 3/4" H40 ST&C csg. Cemented with 3 sks GW27 frac gel followed with 180 sks Class "H" Thixsad with additives. Mixed @ 15.6 #/g with 1.61 cf/sk yd. Followed with 250 sks BJ Lite "C" 35:65 with 6% CaCl2. Mixed @ 14.8 #/g with 1.34 cf/sk yd. Plug down at 3:45 pm 01/29/05. Did not circ cement on primary job. Ran 1" pipe & tag @ 55'. Cmt with 75 sks Class "C" with 2% CaCl2. Mixed @ 14.8 #/g with 1.34 cf/sk yd. Tag @ 55'. Cement 2nd plug with 55 sks Class "C" with 2% CaCl2. Mixed @ 14.8 #/g with 1.34 cf/sk yd. Circ 15 sks. WOC 18 hrs. At 1:30 pm on 01/30/05, tested BOPE and 13 3/4" casing to 1250# for 30 minutes, all held OK. Drilled out with 12 1/4" bit.

02/05/05...TD'ed 12 1/4" hole @ 3005'. Ran 3005' 9 5/8" 40# N80J55 LT&C Csg. Cemented with 750 sks BJ Lite C with additives. Mixed @ 12.5 /g w/ 1.96 yd. Tail with 400 sks Class "C" with 2% CaCl2. Mixed @ 14.8 #/g w/ 1.34 yd. Circ 112 sks to pit. WOC 18 hrs. At 10:30 am on 02/05/05, test BOPE and 9 5/8" casing to 1500# for 30 minutes as required. All equipment passed. Charts and schematic attached. Drilled out with 8 3/4" bit.

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

SIGNATURE Kristi Green TITLE Hobbs Regulatory DATE 02/07/05

Type or print name Kristi Green

Telephone No. 505-393-5905

(This space for State use)

FOR RECORDS ONLY

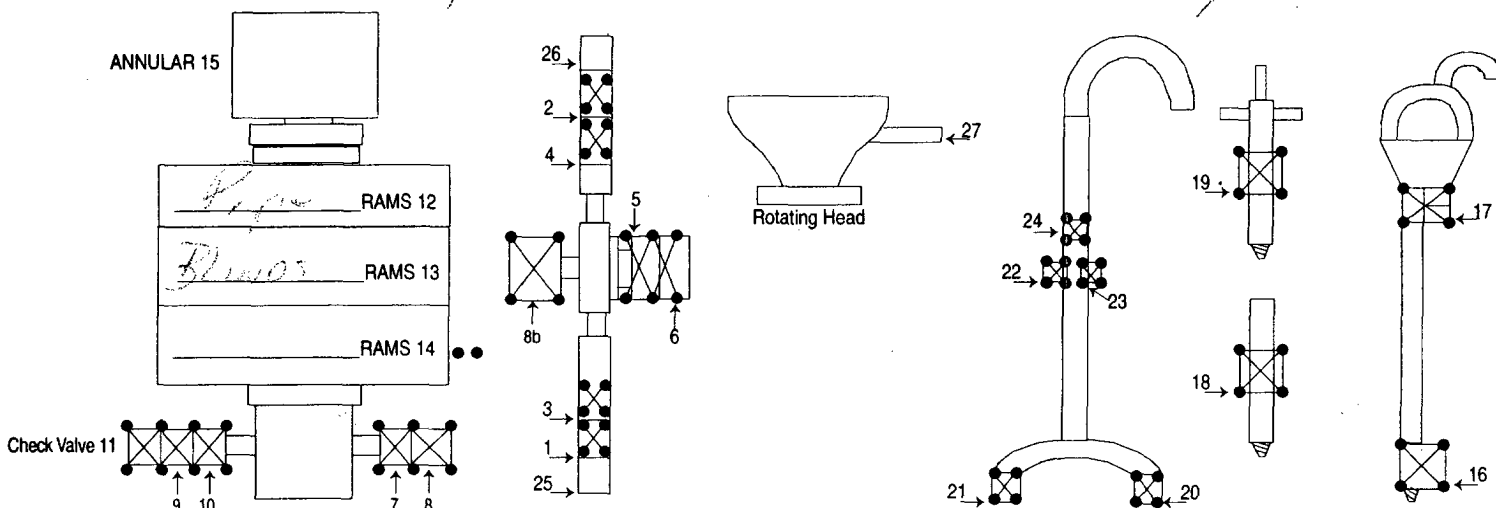
APPROVED BY _____ TITLE _____ DATE _____

BUS: 505 396-4540 • **FAX:** 505 396-0044



№ В 3882

Casing Valve Opened *VES* Check Valve Open *VES*



TEST #	ITEMS TESTED	TEST LENGTH	LOW PSI	HIGH PSI	REMARKS
1	13, 11, 1, 2, 6				Replaced with new flanges looking good and tight.
2	12, 9, 4				Rebuilt take charge cut & run well.
3	19				Dirt under the test, get new one.
4	18	5 mins		5000	
5	13, 9, 1, 2, 6	5 min		5000	
6	13, 10, 3, 4, 5	5 min		5000	Flange leak at bottom of 1st man at this time. Test - OK
7	12, 10, 8	5		5000	
8	12, 10, 7	5		5000	
9	15, 10, 7	5		2500	
10	16	5		5000	
11	17	5		5000	
					Will replace check valve when done

8	HR@	900.00
3	HR@	85 ⁰⁰ = 255.00
Mileage	@	100.00

SUB TOTAL 1255.00
TAX 6746
TOTAL 132246

MAN WELDING SERVICES, INC

Company MEWBORNE OIL CO. Date 2-4-05 Ticket 3582
Lease ANGEL DRAW "2" 55 Acres County EDDY NM
Drilling Contractor PAI MTI #45 Plug & Drill Pipe Size 122 11" 4 1/2 XH

Accumulator Function Test - OO&GO#2

To Check - USABLE FLUID IN THE NITROGEN BOTLES (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** 1400 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.

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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** 950 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** 5 sec. **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}

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