

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
May 27, 2004

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

WELL API NO. 30-025-38162
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. VB685
7. Lease Name or Unit Agreement Name Osudo 15 State Com
8. Well Number #1
9. OGRID Number 14744
10. Pool name or Wildcat Osudo South Morrow 82200

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 checked="" type="checkbox"/> Other	
2. Name of Operator Mewbourne Oil Company	
3. Address of Operator PO Box 5270 Hobbs, NM 88240	
4. Well Location Unit Letter <u>D</u> : <u>660</u> feet from the <u>N</u> line and <u>840</u> feet from the <u>W</u> line Section <u>15</u> Township <u>21S</u> Range <u>35E</u> NMPM Lea County	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3587' GL	
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/>	
Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____	
Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____	

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 ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ 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.

01/15/07...MI & spud 17 1/2" hole. TD'd hole @ 850'. Ran 850' 13 3/8" 48# H40 ST&C csg. Cemented with 350 sks BJ Lite Class C (35:65:6) with additives. Mixed @ 12.5 #/g w/ 1.98 yd. Tail with 400 sks Class C with 2% CaCl2. Mixed @ 14.8 #/g w/ 1.34 yd. Circ 110 sks to pit. WOC 18 hrs. At 6:00 pm on 01/17/07, tested 13 3/8" casing to 1250# for 30 minutes, held OK. Drilled out with 12 1/4" bit.

02/01/07...TD'ed 12 1/4" hole @ 5420'. Ran 5420' 9 3/8" 40# N80/HCK55/J55 LT&C Csg. Cemented with 1st stage w/300 sks BJ Lite C (35:65:6) with additives. Mixed @ 12.5 /g w/ 1.96 yd. Tail with 400 sks Class C with 1% CaCl2. Mixed @ 14.8 #/g w/ 1.34 yd. Land plug and inflate ECP with 2200#. Circ 114 sks cmt off top of DV tool. Cmt 2nd stage w/1000 sks BJ Lite Class C (35:65:6) with additives. Mixed @ 12.5 #/g w/ 1.96 yd. Tail with 200 sks Class C with 2% CaCl2. Mixed @ 14.8 #/g w/ 1.34 yd. Circ 143 sks to pit. Closed DV tool with 2760#. WOC 18 hrs. Circ 143 sks to pit. Tested BOPE to 5000# and annular to 2500#. At 3:45 am 02/02/07, tested 9 3/8" csg to 1500# for 30 mins, held OK. Tested csg shoe to 12.5# PPG EMW. 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. Further, I certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) Alternative OCL approved plan ☐.

SIGNATURE Kristi Green TITLE Hobbs Regulatory

Type or print name Kristi Green

For State Use Only

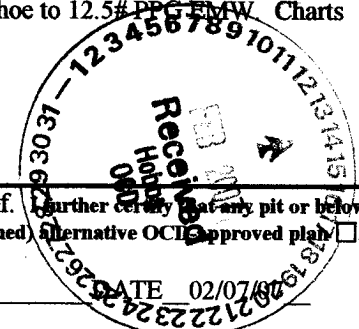
APPROVED BY: Larry W. Wink

OG FIELD REPRESENTATIVE STAFF MANAGER

E-mail address:

Telephone No. 505-393-5905

DATE FEB 21 2007



MAN WELDING SERVICES, INC

Company Mewbourne Date 2-1-07
Lease Osach 15" St. Gm #1 County Lea
Drilling Contractor Patterson-UTI #45 Plug & Drill Pipe Size 11" C-22 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 1650 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.)

*Precharge on bottles
is low*

- 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 850 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 1:41. 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}

MAN WELDING SERVICES, INC.

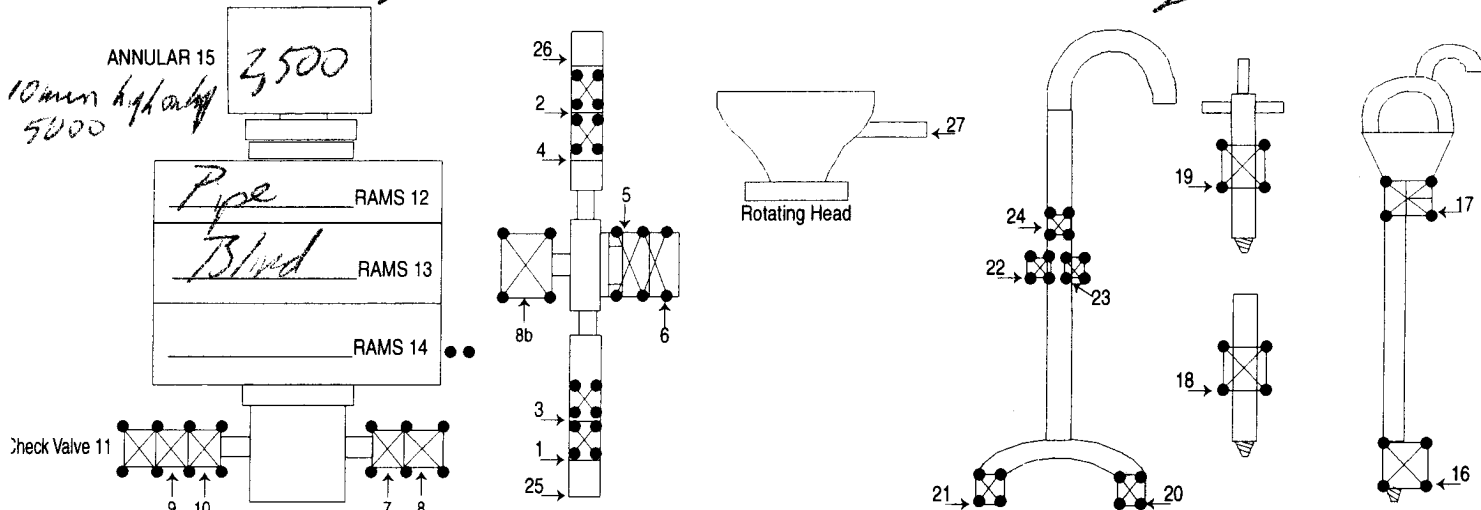
P.O. Box 1541 • Lovington, N.M. 88260
BUS: 505 396-4540 • FAX: 505 396-0044



INVOICE

B 6452

Company Mewbourne Date 2-1-07 Start Time 6:30 ☒ am ☐ pm
Lease Osuda 15" St Com #1 County Lea State NM
Company Man Joey Dodson
Wellhead Vendor _____ Tester Neil Granath
Drig. Contractor Patterson-UTD Rig # 45
Tool Pusher Bobby Bramble
Plug Type C-22 Plug Size 11" Drill Pipe Size 4 1/2" X 0
Casing Valve Opened yes Check Valve Open yes



TEST #	ITEMS TESTED	TEST LENGTH	LOW PSI	HIGH PSI	REMARKS
1	25, 26, 6, 9, 13	10 min	—	5,000	Blank Flange on side of
2	2, 1, 5, 10, 13	10 min	—	5,000	blind rams leaked Tightened
3	3, 4, 5, 10, 13	10 min	—	5,000	after, replacing ring. Tested
4	8, 11, 12	10 min	—	5,000	okay
5	7, 11, 12	10 min	—	5,000	Flange outside HCR leaked
6	7, 11, 15	10 min	—	2500	Tightened Tested okay
7	18 TIW	10 min	—	5,000	Cap on drill pipe leaked Replaced
8	16 (Lower Kelly)	10 min	—	5,000	O-ring. Allowed pipe rams to
9	17 (Upper Kelly)	10 min	—	5,000	test okay
10	19 (Dev't)	10 min	—	5,000	Accumulator began leaking during annular test (#6), Tightened connections

8 HR @ $\frac{\$1000^{00}}{100^{00}} = 1,000^{00}$
4 HR @ $\frac{100^{00}}{100^{00}} = 400^{00}$
Mileage 106 @ $\frac{\$1.00}{1.00} = 106^{00}$

SUB TOTAL $\frac{\$1606^{00}}{88^{00}}$
TAX $\frac{88^{00}}{81592^{00}}$
TOTAL

100% Methanol

