

Submit 3 Copies To Appropriate District  
Office  
District I  
1625 N. French Dr., Hobbs, NM 87240  
District II  
811 South First, Artesia, NM 87210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
Revised March 25, 1999

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

WELL API NO. <b>30-039-21821</b>
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. <b>LG-898</b>
7. Lease Name or Unit Agreement Name:  <b>State Bancos</b>
8. Well No. <b>001</b>
9. Pool name or Wildcat <b>Blanco Mesaverde</b>
10. Elevation (Show whether DR, RKB, RT, GR, etc.) <b>6748' KB</b>

**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 ☐ Gas Well ☒ Other

2. Name of Operator  
**MERRION OIL & GAS CORPORATION (014634)**

3. Address of Operator  
**610 Reilly Avenue, Farmington, New Mexico 87401-2634**

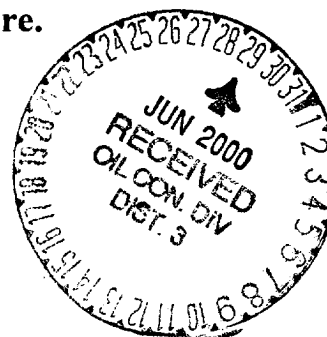
4. Well Location  
Unit Letter **D** : **795** feet from the **North** line and **1110** feet from the **West** line  
Section **32** Township **32N** Range **5W** NMPM **Rio Arriba, County**

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"/> PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/> PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETION <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>
OTHER: <b>Recomplete Lewis formation</b> <input checked="" type="checkbox"/>	OTHER: <input 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. For Multiple Completions: Attach wellbore diagram of proposed completion or recompilation.

**Merrion Oil & Gas Corporation plans to add perforations and fracture stimulate the upper Mesaverde (Lewis) interval per the attached procedure.**



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

SIGNATURE George Sharpe TITLE Engineer DATE 6/27/00

Type or print name George F. Sharpe Telephone No. (505) 327-9801

(This space for State use)

ORIGINAL SIGNED BY CHARLES T. FERRAN

DEPUTY OIL & GAS INSPECTOR, DIST. 3

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE JUN 29 2000

Conditions of approval, if any:

✓

# Procedure to Add Lewis

June 29, 2000

<b>Well:</b>	<b>STATE BANCOS 1</b>	<b>Field:</b>	Blanco Mesaverde
<b>Location:</b>	795' FNL, 1110' FWL (nw nw) Sec. 32, T32N, R5W Rio Arriba County, New Mexico	<b>Elevation:</b>	6748' KB
		<b>By:</b>	G Sharpe

## Prior to Move In

1. Check for anchors. Install if necessary.
2. Check wellhead companion flange for correct BOP connection.
3. Dig blow pit for blooey line.
4. Open casing to sales line 24 hrs prior to move in.
5. If necessary, RU slickline truck w/ lubricator. RIH w/ plug, set in 2" nipple.
6. Bleed down tubing pressure.
7. Haul in 4 ea. 400 bbl. frac tanks, fill with 1600 bbls. of filtered lake water w/ 2% KCL.

## Pull Tubing, Wellbore prep

1. Move in, rig up. **Do not kill well with fluid.**
2. ND WH, NU BOP's, stripping head.
3. Open well to blooey pit (vent gas).
4. Unset donut. Pick up tbq and tag PBD. Tally out w/ 2 3/8" tubing.
5. Pick up 4 1/2" scraper and make scraper run to bottom MV perf @ 6105'. TOH.

## Perforate and Acidize Lewis

1. Pick up 4 1/2" RBP and TIH w/ tbq. Set 4 1/2" RBP @  $\pm 5820'$ .
2. Load hole w/ wtr. Press test csg to 4000 psi. Circ 10' of sand on top of RBP. TOH.
3. RU Wireline Co. Hold 1000 psi on casing. Run CBL - GR log from RBP to above stage tool and Fruitland Coal at 3300'. Continue up hole and find TOC on 2<sup>nd</sup> stage. Run strip across TOC interval. RD Wireline.
4. TIH w/ Tbg to 5790' (bottom Lewis perf). Spot 750 gal 10% acetic acid plus additives. Pull up to 4400'. Swab tbq dry. TOH.
5. RU Wireline. Perforate the following interval top down w/ 0.28" holes, select fire, correlated to CNL- Formation Density log. Total 40 holes.

DEPTH, KB			
4778	4988	5170	5447
4788	4996	5188	5458
4804	5024	5194	5492
4838	5030	5205	5542
4848	5037	5215	5556
4856	5054	5236	5574
4864	5095	5246	5650
4881	5103	5294	5736
4887	5148	5384	5780
4928	5160	5416	5786

3. RIH w/ 4 1/2" PKR. Set at  $\pm 4700'$ .
4. RU Pump Co. Acidize perms with 1000 gal 10% acetic acid plus additives. Drop 60 1.3 sg balls through acid and displace to bottom perf w/ 35 Bbls or until balls off.

5. Release packer. TIH to 5800' to knock balls off. If have time, swab hole dry
6. TOH w/ tbg & Pkr.

#### **Frac Lewis**

1. MIRU frac company. Frac w/ 200,000# 20/40 sand in 25# linear gel & 60Q N<sub>2</sub> foam and additives per attached procedure. Rate is 60 BPM, max pressure is 4000 psi. Flow back well immediately on positive flow choke, leave flowing to pit overnight.
2. Flow test 72 hrs. minimum.

#### **Clean Out and Run Tubing - Commingle w/ Mesaverde**

1. TIH w/ retrieving head on 2 3/8" tubing. Clean out to RBP @ 5820' KB. Bail if necessary.
2. Release RBP while venting casing to blooey line. POH w/ RBP.
3. If fill found over MV in original step, bail out as necessary.
4. TIH w/ 2 3/8" tubing w/ sawtooth collar on bottom and inline expendable check one jt up. Land tbg at +/- 5850'.
5. ND BOPs, NU WH.
6. Pump 2% KCL down tubing. Drop ball. Pressure up to pump off check. Blow back water to pit. Swab in if necessary.
7. Return well to production. RDMOL.

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# Merrion Oil & Gas Corporation Wellbore Schematic

## STATE BANCOS #1

Location: 795' FNL & 1110' FWL (nw nw)  
Sec 32, T32N, R5W NMPM  
Rio Arriba Co, New Mexico

Elevation: 6748' KB

Prepared: May 25, 2000

By: George Sharpe (Can you believe it?)

