

District I
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Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural
Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form C-103
August 1, 2011

Permit 157505

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVIOR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NUMBER 30-015-40793
1. Type of Well: O		5. Indicate Type of Lease S
2. Name of Operator MURCHISON OIL & GAS INC		6. State Oil & Gas Lease No.
3. Address of Operator 1100 Mira Vista Blvd., Plano, TX 75093		7. Lease Name or Unit Agreement Name OGDEN STATE
4. Well Location Unit Letter <u>1</u> : <u>1175</u> feet from the <u>N</u> line and <u>350</u> feet from the <u>E</u> line Section <u>2</u> Township <u>25S</u> Range <u>26E</u> NMPM <u>Eddy</u> County		8. Well Number 008H
11. Elevation (Show whether DR, KB, BT, GR, etc.) 3362 GR.		9. OGRID Number 15363
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 _____		10. Pool name or Wildcat

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE OF PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> Other: _____		SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTER CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/> Other: Drilling/Cement <input checked="" type="checkbox"/>
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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.
 10/21/12: Drilled 12-1/4 in. hole to 377 ft. & ran 9-5/8 in. casing (details attached).
 10/24 - 10/26/12: Drilled 8-3/4 in. hole to 2363 ft. & ran 7 in. casing (details attached).
 10/28 - 11/6/12: Drilled main lateral & 4 sidetracks totaling 11,176' MD.
 11/7/12: Released rig.
 See Attached
 10/21/2012 Spudded well.

Casing and Cement Program

Date	String	Fluid Type	Hole Size	Csg Size	Weight lb/ft	Grade	Est TOC	Dpth Set	Sacks	Yield	Class	1" Dpth	Pres Held	Pres Drop	Open Hole
10/21/12	Surf	FreshWater	12.25	9.625	36	J-55	0	377	275		C				N
10/26/12	Int1	Brine	8.75	7	26	L-80	0	2363	800		C				N

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further 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 OCD-approved plan ☐.

SIGNATURE Electronically Signed TITLE COO DATE 11/7/2012
 Type or print name Michael Daugherty E-mail address ccottrell@jdmii.com Telephone No. 972-931-0700

For State Use Only:

APPROVED BY: Randy Dade TITLE District Supervisor DATE 11/7/2012 4:53:42 PM

Ogden 8H

9 5/8" Casing Sundry

10/21/12 - Drilled 12-1/4 in. hole to 377 ft. & ran 9-5/8 in. casing as follows:

1- Casing Shoe – 1.41 ft.
1- Jt. 9-5/8 in. 36# J-55 LTC – 42.10 ft.
1- Float Collar – 0.91 ft.
8- Jts. 9-5/8 in. 36# J-55 LTC – 335.70 ft.
Total – 380.12 ft. (3.12ft. stick up)

Set casing @ 377 ft.

Cement:

Lead: w/154 sx (52 bbls), 12.8 ppg "C" 35/65 + 6% Bentonite + .25# Cello + .25% R-38, +5% Salt, Yield = 1.9

Tail: w/121sx (29 bbls), 14.8 ppg "C" + 2% CACL₂ + .25# Cello + .25% R-38, Yield = 1.35

Saw cement returns; pumped 20 bbls fresh water spacer; pumped 52 bbls Lead Cement, 12.8 ppg. Pump 29 bbls, 14.8 ppg, Tail Cement. Dropped bottom Plug. Displaced Casing with 26 bbls of fresh water. Bumped plug w/ 500 psi over circulating pressure and held for 10 min. Bleed off pressure check float held. Received 31 bbls (92 sx) cement to surface. 10/22/12 11:50AM.

WOC 10/22/12 16:30 PM Cut casing; weld on well head.

10/23/12 5:00AM - Nipple up BOP and test, 250 psi low and 3000 psi high held. Test annular to 250 psi low and 1500 psi high; held. 10/23/12 19:00 PM, Trip in cased hole with 8-3/4 in. bit, drilling assembly and WOC total of 31 hrs. Drill cement, float collar & shoe. Resume drilling formation at 377 ft.