

District I
1625 N. French Dr., Hobbs, NM 88240
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 151425

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 30-015-40130
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 POLAR BEAR STATE COM
4. Well Location Unit Letter <u>H</u> : <u>2260</u> feet from the <u>N</u> line and <u>150</u> feet from the <u>E</u> line Section <u>1</u> Township <u>17S</u> Range <u>28E</u> NMPM <u>Eddy</u> County		8. Well Number 004H
11. Elevation (Show whether DR, KB, BT, GR, etc.) 3668 GR		9. OGRID Number 15363
10. Pool name or Wildcat		
Pit or Below-grade Tank Application ☐ or Closure ☐ 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 OF PLANS ☐
 PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
 Other: _____

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTER CASING ☐
 COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDON ☐
 CASING/CEMENT JOB ☐
 Other: **Drilling/Cement** ☒

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.
 7/2/12 Cement job to squeeze intermediate casing. Mixed and pumped 150 sx Class C + 1% CaCl2 + 0.25% R-38, 14.8 ppg, 1.34 yield; staged with 5 bbls cmt. Final squeeze pressure 200 psi, max 460 psi.

5/18/2012 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
05/20/12	Surf	FreshWater	12.25	9.625	36	J-55	300	371	380		C		2500	0	N
05/20/12	Surf	FreshWater	12.25	9.625	36	J-55	170	371	45	1.34	C	300	2500	0	N
05/20/12	Surf	FreshWater	12.25	9.625	36	J-55	0	371	133	1.34	C	170	2500	0	N
06/16/12	Int1	Brine	8.75	7	26	L-80	650	3896	725		C		1500	0	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 7/6/2012

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 7/6/2012 10:32:05 AM