

Submit 1 Copy To Appropriate District Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised July 18, 2013

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

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.)		WELL API NO. 30-015-32176
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator MURCHISON OIL & GAS, INC.		6. State Oil & Gas Lease No.
3. Address of Operator 7250 DALLAS PARKWAY, STE. 1400, PLANO, TX 75024		7. Lease Name or Unit Agreement Name HUGGIE BEAR STATE COM
4. Well Location Unit Letter <u>H</u> : <u>1420</u> feet from the <u>NORTH</u> line and <u>990</u> feet from the <u>EAST</u> line Section <u>2</u> Township <u>17S</u> Range <u>28E</u> NMPM <u>EDDY</u> County		8. Well Number <u>1</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3576' GR		9. OGRID Number <u>15363</u>
		10. Pool name or Wildcat ANDERSON; WOLFCAMP, NORTH

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 ☐
DOWNHOLE COMMINGLE ☐
CLOSED-LOOP SYSTEM ☐
OTHER: PRODUCED WATER DISPOSAL ☒

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

Please be advised that produced water may be periodically disposed of in the Yogi Bear SWD #1 (30-015-32216):

- Water will be trucked to the disposal facility by L&E Trucking
- Murchison Oil & Gas, Inc. is the operator of the disposal facility
- NMOCD permit number SWD-1390
- Water Analysis Report dated 8/5/2015 attached

NM OIL CONSERVATION
ARTESIA DISTRICT

NOV 09 2015

RECEIVED

Spud Date:

Rig Release Date:

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

SIGNATURE:

TITLE: VICE PRESIDENT OPERATIONS DATE: 11/05/2015

Type or print name: GARY COOPER

E-mail address: rcooper@jdmii.com PHONE: 972-931-0700

For State Use Only

APPROVED BY:

TITLE

DATE

Conditions of Approval (if any):

MITCHELL ANALYTICAL LABORATORY

2638 Faudree
Odessa, Texas 79765-8538
561-5579

Company: **WadeCo Specialties, LLC**

Well Number: Huggie Bear State WH
Lease: Murchison
Location: WC37366
Date Run: 8/13/2015
Lab Ref #: 15-aug-h20047

Sample Temp: 96.8
Date Sampled: 8/5/2015
Sampled by: Wade Havens
Employee #:
Analyzed by: GR

Dissolved Gases

		Mg/L	Eq. Wt.	MEq/L
Hydrogen Sulfide	(H ₂ S)	400.00	16.00	25.00
Carbon Dioxide	(CO ₂)	100.00	22.00	4.55
Dissolved Oxygen	(O ₂)	NOT ANALYZED		

Cations

Calcium	(Ca++)	3,561.72	20.10	177.20
Magnesium	(Mg++)	1,620.16	12.20	132.80
Sodium	(Na+)	29,201.47	23.00	1,269.63
Barium	(Ba++)	NOT ANALYZED		
Manganese	(Mn+)	.83	27.50	.03
Strontium	(Sr++)	NOT ANALYZED		

Anions

Hydroxyl	(OH-)	.00	17.00	.00
Carbonate	(CO ₃ =)	.00	30.00	.00
BiCarbonate	(HCO ₃ -)	977.60	61.10	16.00
Sulfate	(SO ₄ =)	2,050.00	48.80	42.01
Chloride	(Cl-)	53,859.18	35.50	1,517.16
Total Iron	(Fe)	1.01	18.60	.05
Total Dissolved Solids		91,771.97		
Total Hardness as CaCO ₃		15,546.96		
Conductivity MICROMHOS/CM		122,100		

pH 5.810 Specific Gravity 60/60 F. 1.064

CaSO₄ Solubility @ 80 F. 53.38MEq/L, CaSO₄ scale is unlikely

CaCO₃ Scale Index

70.0	-.395	100.0	-.075	130.0	.515
80.0	-.285	110.0	.165	140.0	.515
90.0	-.075	120.0	.165	150.0	.855

WadeCo Specialties, LLC

November 5, 2015

State of New Mexico
Oil Conservation Division – District II
811 S. First St.
Artesia, NM 88210-2834

NM OIL CONSERVATION
ARTESIA DISTRICT
NOV 09 2015
RECEIVED

RE: HUGGIE BEAR STATE COM 1
API # 30-015-32176
EDDY COUNTY, NM

Ladies and Gentlemen:

Enclosed please find the following:

- 1) Form C-103 Notice of Intention – Water Disposal

If you have any questions, please contact me at 972-931-0700 ext. 113 or ccottrell@jdmii.com.

Best Regards,



Cindy Cottrell
Regulatory Coordinator

Enclosures

cc: OCD – District IV