

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:		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"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: PRODUCED WATER DISPOSAL <input checked="" type="checkbox"/>		OTHER: <input type="checkbox"/>	

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: [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: [Signature] TITLE: Dist. Supervisor DATE: 11/24/15
 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	Sample Temp:	96.8
Lease:	Murchison	Date Sampled:	8/5/2015
Location:	WC37366	Sampled by:	Wade Havens
Date Run:	8/13/2015	Employee #:	
Lab Ref #:	15-aug-h20047	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