

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

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

Form C-103  
Revised July 18, 2013

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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. 30-021-20624
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator WHITING OIL AND GAS CORPORATION		6. State Oil & Gas Lease No. 313947
3. Address of Operator 400 W ILLINOIS STE 1300 MIDLAND, TX 79701		7. Lease Name or Unit Agreement Name MIERA 2130 35
4. Well Location Unit Letter F 1660 feet from the NORTH line and 1660 feet from the WEST line Section 35 Township 21N Range 30E NMPM County HARDING		8. Well Number 02
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4657' GR		9. OGRID Number 25078
		10. Pool name or Wildcat BRAVO DOME CARBON DIOXIDE GAS 640

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 checked="" 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: <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.

SEE ATTACHED P&A PROCEDURE AND SCHEMATIC

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 Kay Maddox TITLE: REGULATORY ANALYST DATE: 12/07/2015

Type or print name Kay Maddox E-mail address: [kay.Maddox@Whiting.com](mailto:kay.Maddox@Whiting.com) PHONE: 432-638-8475

For State Use Only

APPROVED BY: [Signature] TITLE DIST IV DATE 12/28/15

Conditions of Approval (if any):



\* CAP \*

30-021-20624

Miera 2130 #35-2 P&amp;A

## RECOMMENDED REMEDIAL WORK

Date December 7, 2015

Lease Miera 2130-35 Well No #2 WOG GW 100.00% (87.5% NWI)  
 Pool Bravo Dome, West County Harding State NM API # 30 - 021 - 20624  
 Legal Location: 1660' FNL, 1660' FWL, Sec 35, T - 21 - N, R - 30 - E  
 Completion Date 09-29-14 @ T. D. 2,206' I. P. / AOF: 0 mcfpd  
 Water            Hrs 24 flowing, Present T. D. 2148' Elevation 4,657' GL KB = 4,663'

## DESCRIPTION OF PROSPECTIVE OR PAY ZONES

Name or Type of Zone	Top	Bottom	Remarks
<u>Santa Rosa</u>	<u>711'</u>	<u>1147'</u>	<u>Regional CO2 Production Interval</u>
<u>San Andres / Glorieta</u>	<u>1262'</u>	<u>1538'</u>	<u>Lost Circulation Interval</u>
<u>Tubb sand</u>	<u>1973'</u>	<u>2080'</u>	<u>Proposed CO2 Production Interval</u>

## CASING AND LINER RECORD

Size	Weight	Grade	Set At	SX CMT	Hole Size	Perf.	Remarks
<u>8-5/8"</u>	<u>24#</u>	<u>J-55</u>	<u>718'</u>	<u>450</u>	<u>12-1/4"</u>		<u>Cement circulated</u>
<u>5-1/2"</u>	<u>15.5#</u>	<u>J-55</u>	<u>2191'</u>	<u>475</u>	<u>7-7/8"</u>	<u>1990' - 2035'</u>	<u>circ. TOC @ 124' by CBL</u>

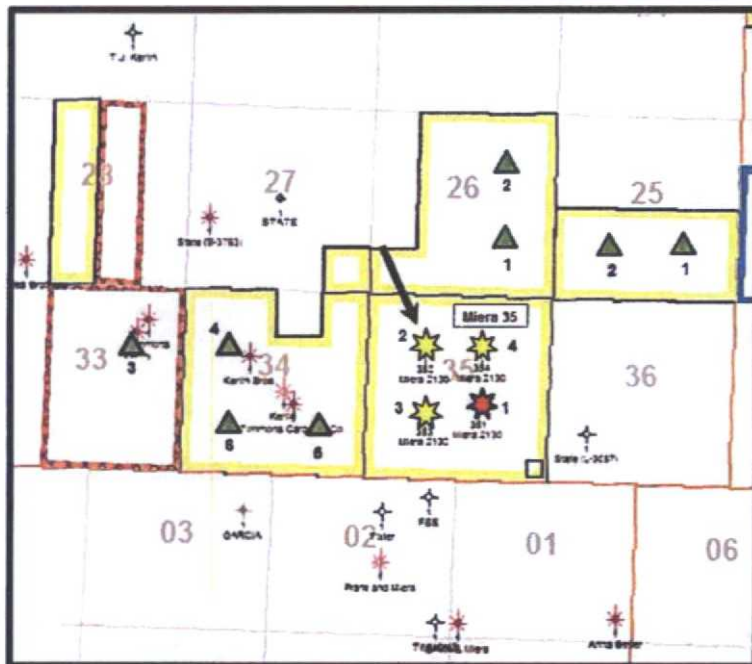
## COMPLETION AND REMEDIAL WORK RECORD

Production Test Before						Treatment		Production Test After				
Date	Gas	@ psi	water	Hrs	Type	Amount	From	To	Gas	@ psi	water	Hrs
<u>08-26-14</u>	<u>Tubb sand completion</u>	<u>(23')</u>					<u>1990'</u>	<u>2035'</u>	<u>0 mcfpd,</u>	<u>404#</u>	<u>0</u>	<u>24F</u>
<u>09-22-14</u>	<u>Tubb frac - pressured out</u>					<u>3000g/0#</u>	<u>1990'</u>	<u>2035'</u>	<u>0 mcfpd,</u>	<u>50#</u>	<u>0</u>	<u>24F</u>
												<u>F</u>

CUM. Prod.            MMCF,            MBWas of:           Last Test:            MCFPD            BWPDDate:           

## Reasons for Plug and Abandonment:

This is a new well in the old Bueyeros Santa Rosa field that produced in the 30s and 40s. Reservoir pressures are too low for commercial production and the pay sands are insufficiently developed.

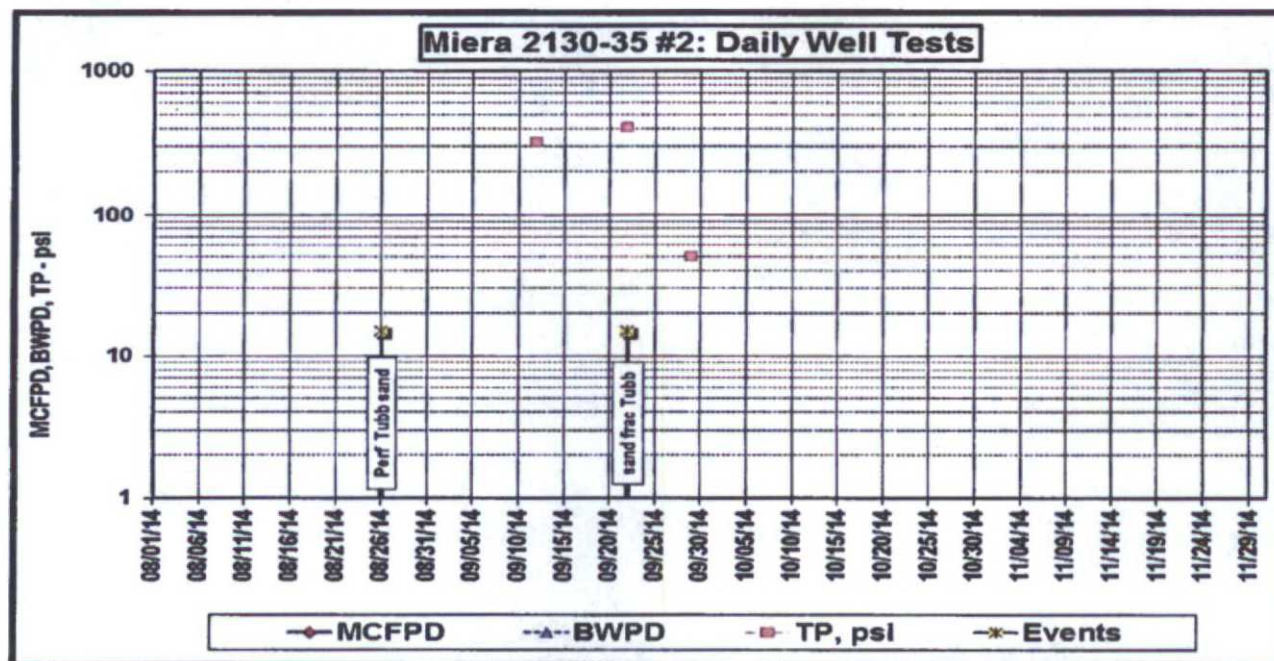
Robert McNaughton           

**Objective: Plug and Abandon****Basic Procedure:**

Renegade ran a CBL & GR-CNLC on 7-01-14. TOC at 124' and had good bond through pay interval. Cement was circulated, but fell back some.

Last well work was September 2014 (frac) – rig anchor tests should be current.

- Set a 5-1/2" CIBP @ 1940' and cap with 35'+ cement by bailer.
- Load hole w/ 10 PPG salt gel mud.
- Dig out the 8-5/8" casing and check the annulus for any pressure.
- Fill 5-1/2" casing with 85 sx from 768' to the surface. Note: NMOCD may also require SQZ perfs @ ~100', SQZ 20 sx in annulus to the surface.
- Fill in the annulus around the 8-5/8" if not perforated below.
- Remove the wellhead and weld on cap with standard dry - hole marker.
- Cut off rig anchors and smooth location. Remove fences and caliche as needed.





Whiting Petroleum Corporation

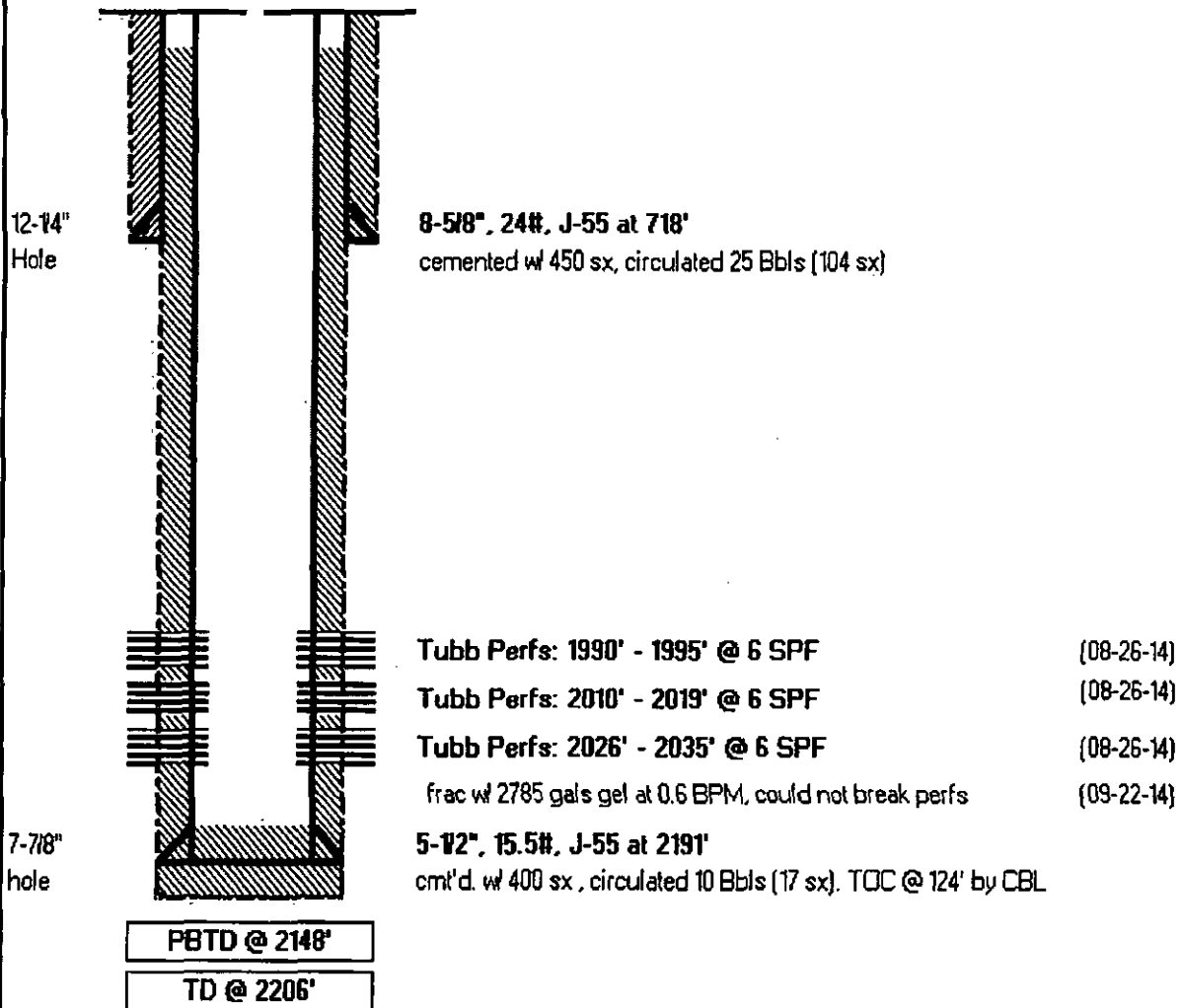
**SI - CO2 Supply Well**

FIELD: Bravo Dome, Bueyeros  
 LEASE: Miera 2130  
 COUNTY: Harding

DATE: Jul. 15, 2014  
 BY: RTM  
 WELL: #35-2  
 STATE: New Mexico

Location: 1660' FNL & 1660' FWL Sec. 35 - T 21 N - R 30 E  
 Spud: 05/29/2014 Completed: 09/29/2014  
 Current Status: SI CO2 supply - uneconomical  
 Formation: Tubb (CO2)

KB = 4,663'  
 GL = 4,657'  
 API = 30-021-20624







Whiting Petroleum Corporation

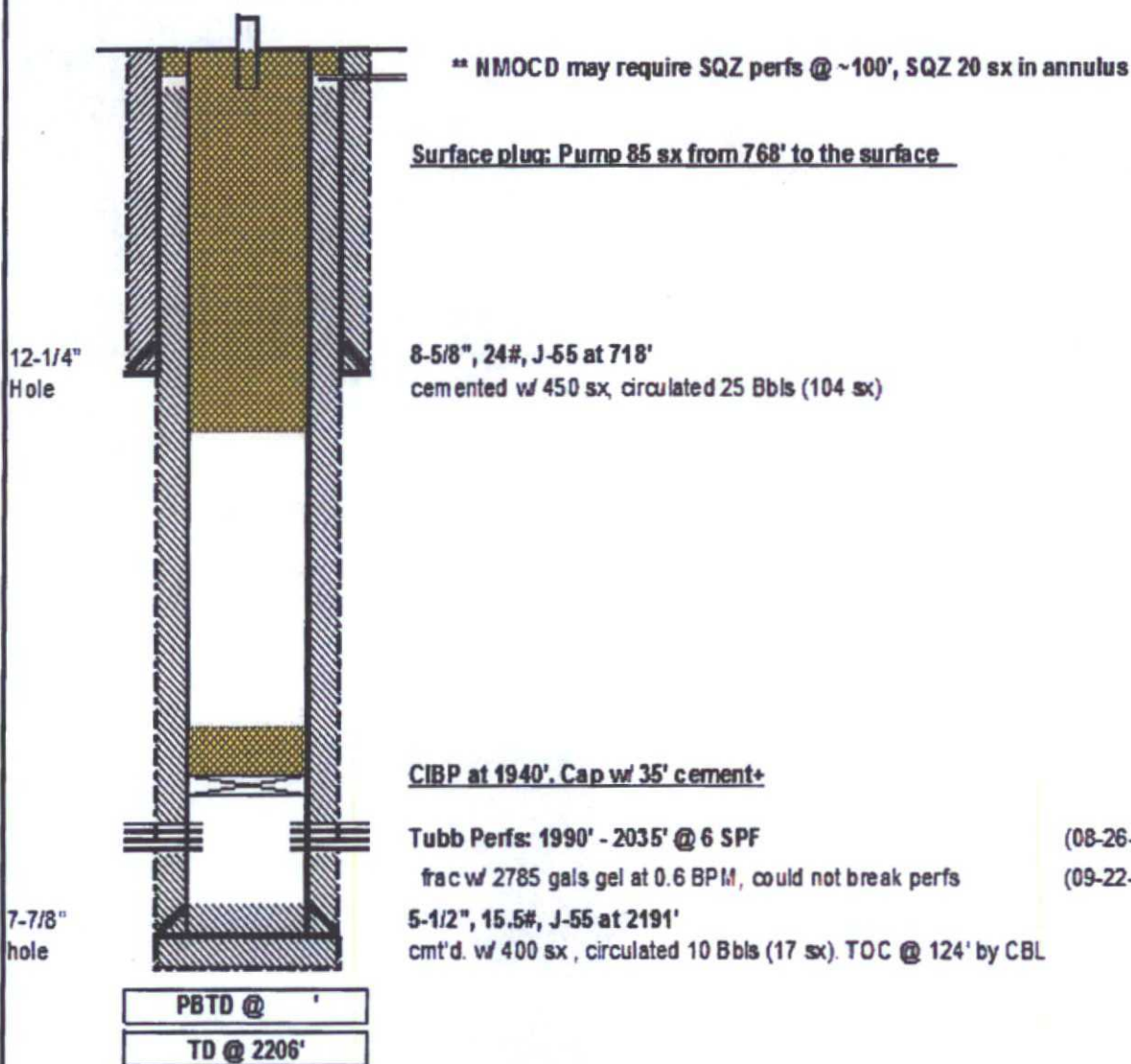
## Proposed P&amp;A

FIELD: Bravo Dome, Bueyeros  
 LEASE: **Miera 2130-35**  
 COUNTY: Harding

DATE: Nov. 03, 2015  
 BY: RTM  
 WELL: #2  
 STATE: New Mexico

Location: 1660' FNL & 1660' FWL Sec. 35 - T 21 N - R 30 E  
 Spud: 05/29/2014 Completed: 09/29/2014  
 Current Status: SI - uneconomical  
 Formation: **Tubb (CO2)**

KB = 4,663'  
 GL = 4,657'  
 API = 30-021-20624



**District I**  
1025 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-101  
August 1, 2011  
Permit 184809

**APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE**

1. Operator Name and Address WHITING OIL AND GAS CORPORATION 400 W. Illinois Midland, TX 79701		2. OGRID Number 25078
4. Property Name <b>313947</b>		3. API Number 30-021-20624
5. Property Name MIERA 2130 <b>35</b>		6. Well No. <b>2</b>

7. Surface Location									
UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
F	35	21N	30E	1	1660	N	1660	W	Harding

8. Proposed Bottom Hole Location									
UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
F	35	21N	30E	F	1660	N	1660	W	Harding

9. Pool Information	
BRAVO DOME CARBON DIOXIDE GAS 640	86010

Additional Well Information				
11. Well Type New Well	12. Well Type CO2	13. Cable/Rotary	14. Lease Type Private	15. Ground Level Elevation 4657
16. Multiple N	17. Proposed Depth 2600	18. Formation Tubb	19. Contractor	20. Spud Date 6/1/2014
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

☐ We will be using a closed-loop system in lieu of lined pits

21. Proposed Casing and Cement Program						
Type	Hole Size	Casing Size	Casing Weight	Setting Depth	Sacks of Cement	Estimated TOC
Surf	12.25	8.625	24	750	500	0
Prod	7.875	5.5	15.5	2600	350	0

Casing/Cement Program: Additional Comments

22. Proposed Blowout Prevention Program			
Type	Working Pressure	Test Pressure	Manufacturer
Annular	3000	3000	REGAN TAURUS

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify I have complied with 19.15.14.9 (A) NMAC <input checked="" type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input checked="" type="checkbox"/> if applicable.		OIL CONSERVATION DIVISION	
Signature: _____			
Printed Name: Electronically filed by Kay Maddox		Approved By: Ed Martin	
Title: Regulatory Agent		Title: District Supervisor	
Email Address: kay.maddox@whiting.com		Approved Date: 4/28/2014	
Date: 4/17/2014		Expiration Date: 4/28/2016	
Phone: 432-686-6709		Conditions of Approval Attached	