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

	WELL API NO. 30-021-20626
	5. Indicate Type of Lease STATE ☐ FEE ☒
	6. State Oil & Gas Lease No. 313947
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.) 1. Type of Well: Oil Well ☐ Gas Well ☒ Other	7. Lease Name or Unit Agreement Name MIERA 2130 35
	8. Well Number 04
2. Name of Operator WHITING OIL AND GAS CORPORATION	9. OGRID Number 25078
3. Address of Operator 400 W ILLINOIS STE 1300 MIDLAND, TX 79701	10. Pool name or Wildcat BRAVO DOME CARBON DIOXIDE GAS 640
4. Well Location Unit Letter G 1660 feet from the NORTH line and 1785 feet from the EAST line Section 35 Township 21N Range 30E NMPM County HARDING	
	11. Elevation *(Show whether DR, RKB, RT, GR, etc.)* 4654' GR

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	☐	PLUG AND ABANDON	☒	REMEDIAL WORK	☐	ALTERING CASING	☐
TEMPORARILY ABANDON	☐	CHANGE PLANS	☐	COMMENCE DRILLING OPNS.	☐	P AND A	☐
PULL OR ALTER CASING	☐	MULTIPLE COMPL	☐	CASING/CEMENT JOB	☐		
DOWNHOLE COMMINGLE	☐						
CLOSED-LOOP SYSTEM	☐						
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.

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 PHONE: 432-638-8475

For State Use Only

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

Conditions of Approval (if any):

* CAP *

30-021-20626

Miera 2130 #35-4 P&A

RECOMMENDED REMEDIAL WORK

Date December 7, 2015

Lease **Miera 2130-35** Well No **#4** WOG GWI 100.00% (87.5% NWI)

Pool Bravo Dome, West County Harding State NM API # 30 - 021 - 20626

Legal Location: 1660' FNL, 1785' FEL, Sec 35, T - 21 - N, R - 30 - E

Completion Date 10-15-14 @ T. D. 2206' I. P. / AOF: 0 mcfpd

Water _____ Hrs 24 flowing, Present T. D. 2147' Elevation 4,654' GL KB = 4,660'

DESCRIPTION OF PROSPECTIVE OR PAY ZONES

Name or Type of Zone	Top	Bottom	Remarks
Santa Rosa	800'	1202'	Regional CO2 Production Interval
San Andres / Glorieta	1300'	1601'	Lost Circulation Interval
Tubb sand	2024'	2135'	Proposed CO2 Production Interval

CASING AND LINER RECORD

Size	Weight	Grade	Set At	SX CMT	Hole Size	Perf.	Remarks
8-5/8"	24#	J-55	719'	450	12-1/4"		Cement circulated
5-1/2"	15.5#	J-55	2195'	450	7-7/8"	2033'- 2057'	circ, TOC @ 268' by CBL

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
08-26-14	Tubb sand completion (24') blow down w/ N2					2033'	2057'	0 mcfpd, 10#	0	24F
09-22-14	init. Tubb completion			650 CO2	41K#/ 9Kg	2033'	2057'	0 mcfpd	0	24F
.										F

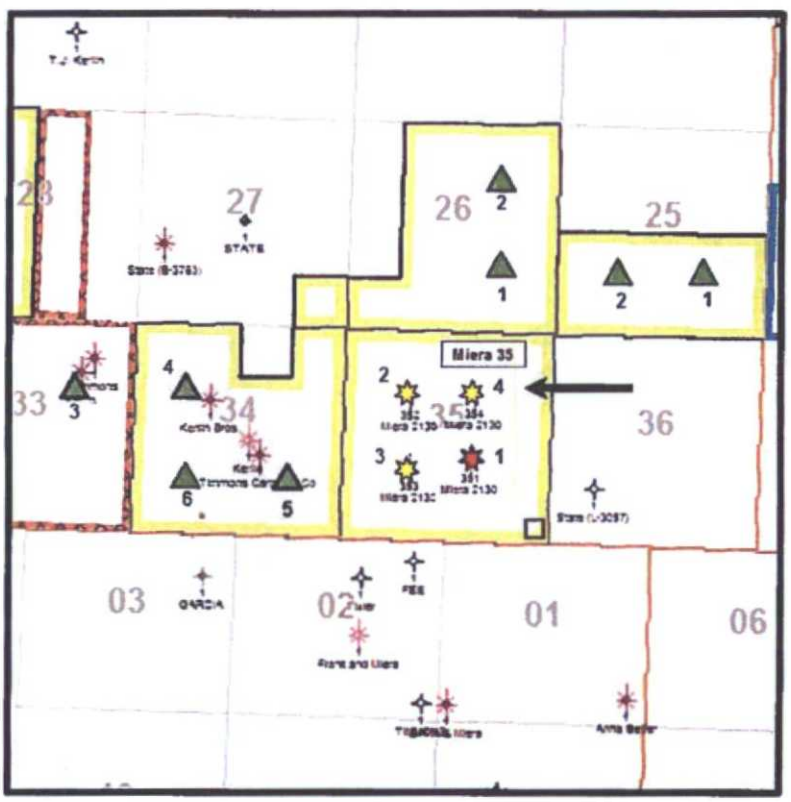
CUM. Prod. _____ MMCF, _____ MBW as of: _____

Last Test: _____ MCFPD _____ BWPD Date: _____

Reasons for Plug and Abandonment:

This is a new well in the old Bueyeros Santa Rosa CO2 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



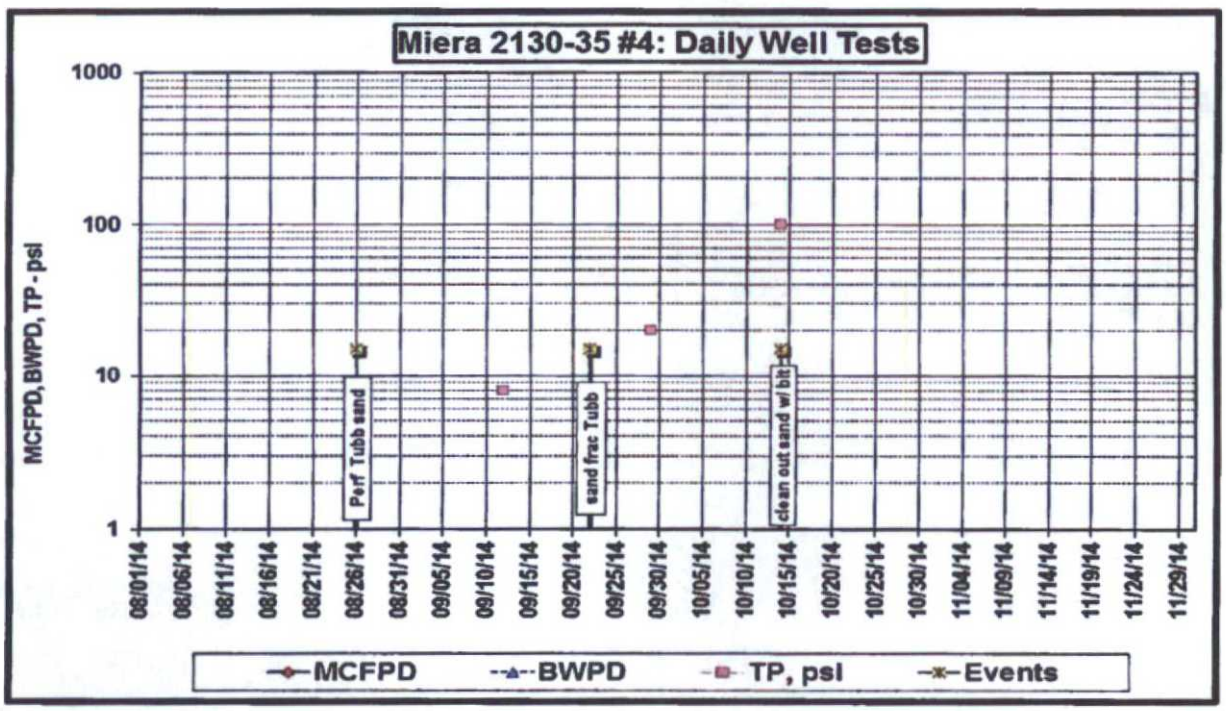
Objective: Plug and Abandon

Basic Procedure:

Renegade ran a CBL & GR-CNL on 7-01-14. TOC at 268' 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.

- **Bleed of any pressure on well (should be minimal). Unseat packer and POOH with 2-3/8" production tubing and packer. Send all equipment to Wickett yard.**
- **Set a 5-1/2" CIBP @ 1980' 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 773' to the surface. Note: NMOCD may also require SQZ perfs @ ~250', SQZ 45 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

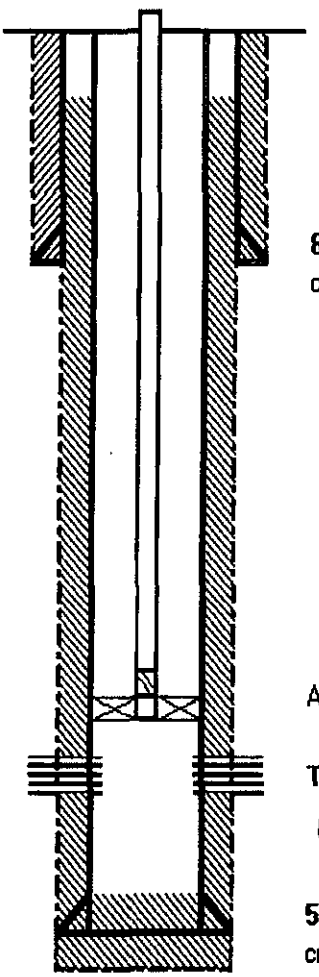
SI - CO2 Supply Well

DATE: Jul. 14, 2014
BY: RTM

FIELD: Bravo Dome, Bueyeros
LEASE: **Miera 2130** WELL: **#354**
COUNTY: Harding STATE: New Mexico

Location: 1660' FNL & 1785' FEL Sec. 35 - T 21 N - R 30 E
Spud: 06/09/2014 Completed: 10/15/2015
Current Status: SI - CO2 supply - uneconomical
Formation: Tubb (CO2)

KB = 4,660'
GL = 4,654'
API = 30-021-20626



12-1/4" Hole

8-5/8", 24#, J-55 at 719'
cemented w/ 450 sx, circulated 35 Bbls (175 sx)

AS-1X packer @ ~1970', 2-3/8", 4.6#, J-55 KC lined tubing (10-15-2014)

Tubb Perfs: 2033' - 2057' (24') @ 6 SPF (08-26-2014)
frac w/ 40,836O# 16/30 Sinterlite, 8461 gals, 180 Bbls CO2 (09-22-2014)

7-7/8" hole

5-1/2", 15.5#, J-55 at 2195'
cmt'd. w/ 450 sx , circulated 40 Bbls (68 sx). TOC @ 268' by CBL

PBTD @ 2147'
TD @ 2206'

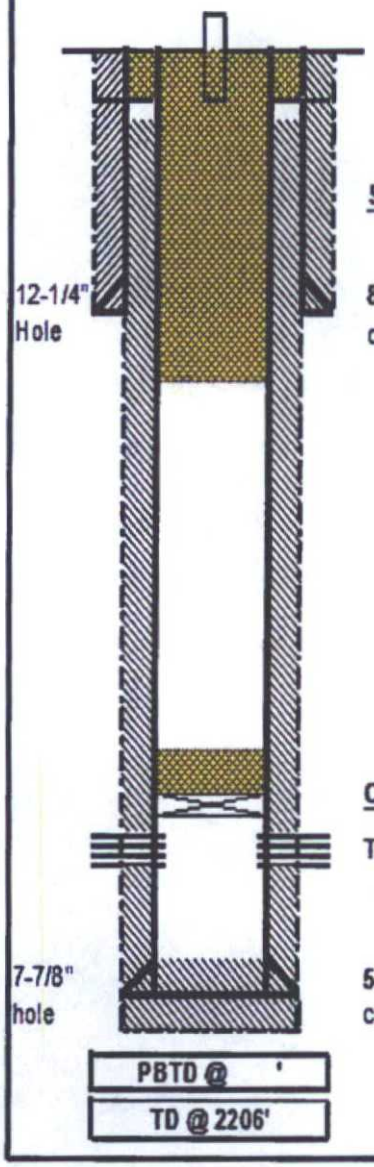
Whiting Petroleum Corporation

Proposed P&A

		DATE:	Jul. 14, 2014
FIELD:	Bravo Dome, Bueyeros	BY:	RTM
LEASE:	**Miera 2130-35**	WELL:	**#4**
COUNTY:	Harding	STATE:	New Mexico

Location: 1660' FNL & 1785' FEL Sec. 35 - T 21 N - R 30 E
Spud: 06/09/2014 Completed: 10/15/2015
Current Status: SI - uneconomical
Formation: Tubb (CO2)

KB = 4,660'
GL = 4,654'
API = 30-021-20626



** NMOCD may require SQZ perfs @ ~250', SQZ 45 sx in annulus

Surface plug: Pump 85 sx from 769' to the surface

8-5/8", 24#, J-55 at 719'
cemented w/ 450 sx, circulated 35 Bbls (175 sx)

CIBP at 1980'. Cap w/ 35' cement+

Tubb Perfs: 2033' - 2057' (24') @ 6 SPF (08-26-14)
frac w/ 40,8360# 16/30 Sinterlite, 8461 gals, 180 Bbls CO2 (09-22-14)

5-1/2", 15.5#, J-55 at 2195'
cmt'd. w/ 450 sx , circulated 40 Bbls (68 sx). TOC @ 268' by CBL

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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 184872

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

1. Operator Name and Address	2. OGRID Number
WHITING OIL AND GAS CORPORATION 400 W. Illinois Midland, TX 79701	25078
	3. API Number: 30-021-20626
4. Property Code: 313947	5. Property Name: MIERA 2130 35
	6. Well No: # 4

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
G	35	21N	30E	g	1660	N	1785	E	Harding

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
G	35	21N	30E	G	1660	N	1785	E	Harding

9. Pool Information

BRAVO DOME CARBON DIOXIDE GAS 640	96010

Additional Well Information

11. Work Type	12. Well Type	13. Cable/Rotary	14. Lease Type	15. Ground Level Elevation
New Well	CO2		Private	4654
16. Multiple	**17. Proposed Depth**	**18. Formation**	**19. Contractor**	**20. Spud Date**
N	2600	Tubb		5/7/2014
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/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	12.25	8.625	24	750	500	0
Prod	8.75	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 X and/or 19.15.14.9 (B) NMAC X, if applicable.

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	Phone: 432-685-6709	Expiration Date: 4/28/2016
		Conditions of Approval Attached	

OIL CONSERVATION DIVISION