

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. 30-021-20593
1. Type of Well: Oil Well ☐ Gas Well ☒ Other ☐		5. Indicate Type of Lease STATE ☐ FEE ☒
2. Name of Operator WHITING OIL AND GAS CORPORATION		6. State Oil & Gas Lease No. 40241
3. Address of Operator 400 W ILLINOIS STE 1300 MIDLAND, TX 79701		7. Lease Name or Unit Agreement Name FOUR WAY 2031 04
4. Well Location Unit Letter K 1650 feet from the SOUTH line and 1980 feet from the WEST line Section 4 Township 20N Range 31E NMPM County HARDING		8. Well Number 01
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4596' GR		9. OGRID Number 25078
		10. Pool name or Wildcat WILDCAT; SANTA ROSA (GAS)

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: WJ Jones TITLE DIST IV DATE 12/22/15

Conditions of Approval (if any):



* EXP *

30-021-20593

Four Way 2031 #4-1 P&A

RECOMMENDED REMEDIAL WORK

Date December 7, 2015

Lease Four Way 2031-4 Well No #1 WOG GW 100.00 % (85.00 % NWI)
 Pool Bravo Dome, Bueyeros County Harding State NM API # 30 - 021 - 20593
 Legal Location: 1/4 1650 FSL & 1980 FUL Sec 4, T - 20 - N, R - 31 - E
 Completion Date 03-26-14 @ T. D. 1,460' I. P. / AOF: _____
 Water _____ Hrs 24 flowing, Present T. D. 980' Elevation 4596' GL KB = 4602'

DESCRIPTION OF PROSPECTIVE OR PAY ZONES

Name or Type of Zone	Top	Bottom	Remarks
<u>Santa Rosa</u>	<u>759'</u>	<u>1129'</u>	<u>Proposed CO2 Production Interval</u>
<u>San Andres / Glorieta</u>	<u>1260'</u>		<u>Lost Circulation Interval</u>
<u>Tubb sand</u>	<u>NDE</u>		<u>Primary Regional 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>717'</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>1350'</u>	<u>300</u>	<u>7-7/8"</u>	<u>828' - 844'</u>	<u>TOC @ 43' 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>02-26-14</u>	<u>Santa Rosa completion 1</u>					<u>none</u>	<u>1088'</u>	<u>1108'</u>	<u>0</u>		<u>0</u>	<u>24F</u>
<u>03-05-14</u>	<u>Santa Rosa completion 2</u>				<u>nitrogen</u>	<u>762 psi</u>	<u>1000'</u>	<u>1020'</u>	<u>0</u>		<u>0</u>	<u>24F</u>
<u>03-12-14</u>	<u>Santa Rosa completion 3</u>				<u>nitrogen</u>	<u>1537 psi</u>	<u>913'</u>	<u>933'</u>	<u>0</u>		<u>0</u>	<u>24F</u>
<u>03-19-14</u>	<u>Santa Rosa completion 3</u>				<u>3066 gal, 70 MSCF N2</u>		<u>913'</u>	<u>933'</u>	<u>0</u>		<u>0</u>	<u>24F</u>
<u>03-26-14</u>	<u>Santa Rosa completion 4</u>				<u>3000 gal, 70 MSCF N2</u>		<u>828'</u>	<u>844'</u>	<u>0</u>	<u>300#</u>	<u>0</u>	<u>24F</u>

CUM. Prod. 0 MMCF, 0 MBW

as of: _____

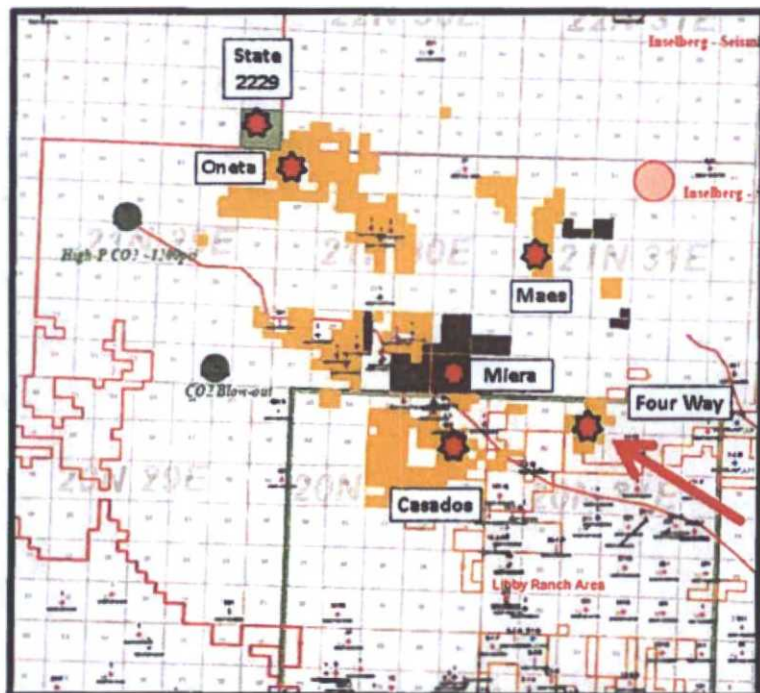
Last Test: 0 MCFPD, 0 BWPD

Date: _____

Reasons for Plug and Abandonment:

This is a new well inside 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 _____





Whiting Petroleum Corporation

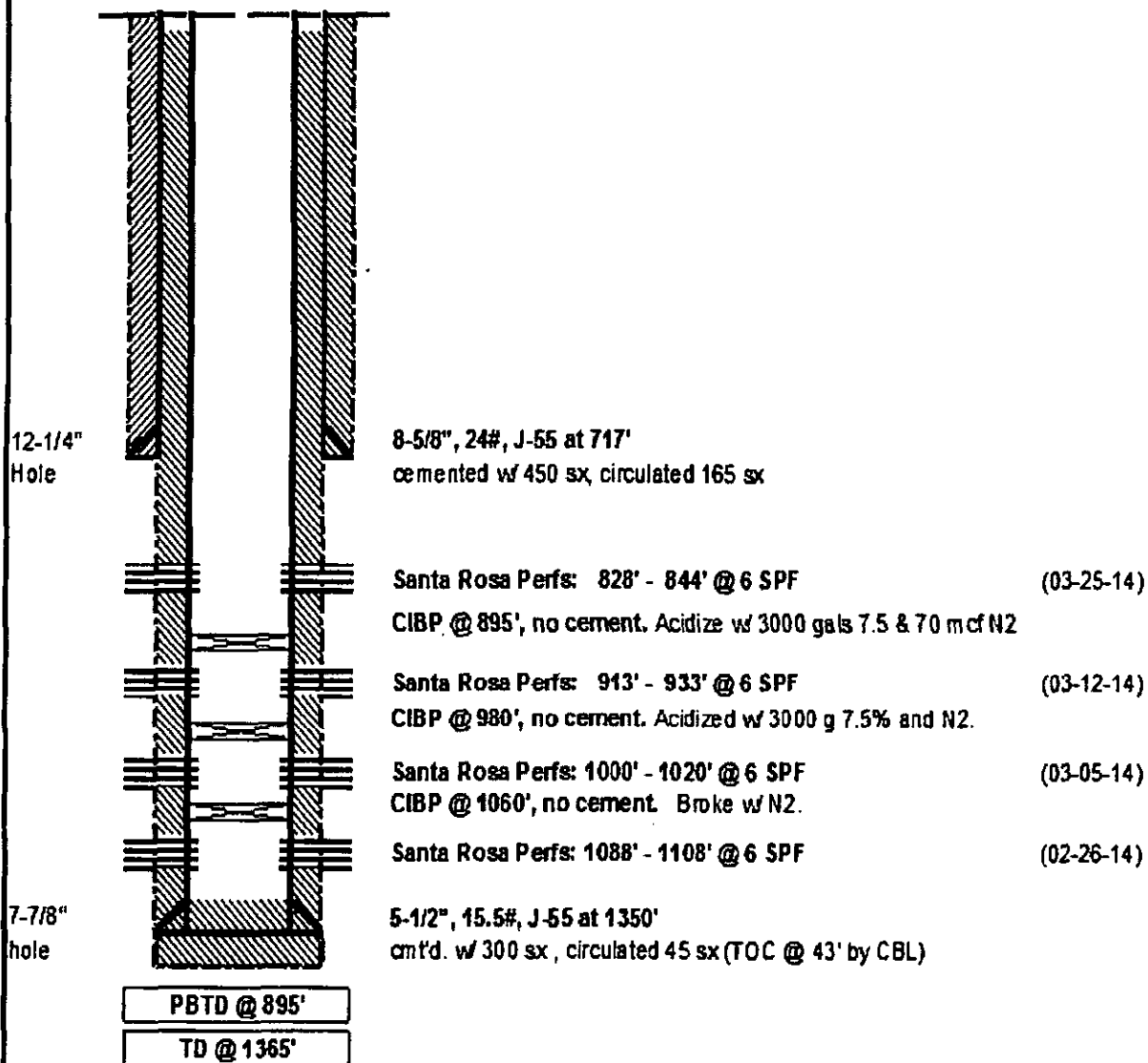
CO2 Supply Well

FIELD: Bravo Dome, Bueyeros
 LEASE: **Four Way 2031**
 COUNTY: Harding

DATE: Jun. 02, 2014
 BY: RTM
 WELL: **#4-1**
 STATE: New Mexico

Location: 1650' FSL & 1980' FWL Sec. 4 - T 20 N - R 31 E
 SPUD: 02/03/2014 Completed: 03/26/2014
 CURRENT STATUS: CO2 producer, SI
 Formation: **Santa Rosa (CO2)**

KB = 4,602'
 GL = 4,596'
 API = 30-021-20593





Whiting Petroleum Corporation

Proposed P&A

FIELD: Bravo Dome, Bueyeros
 LEASE: Four Way 2031-4
 COUNTY: Harding

DATE: Nov. 02, 2015
 BY: RTM
 WELL: #1
 STATE: New Mexico

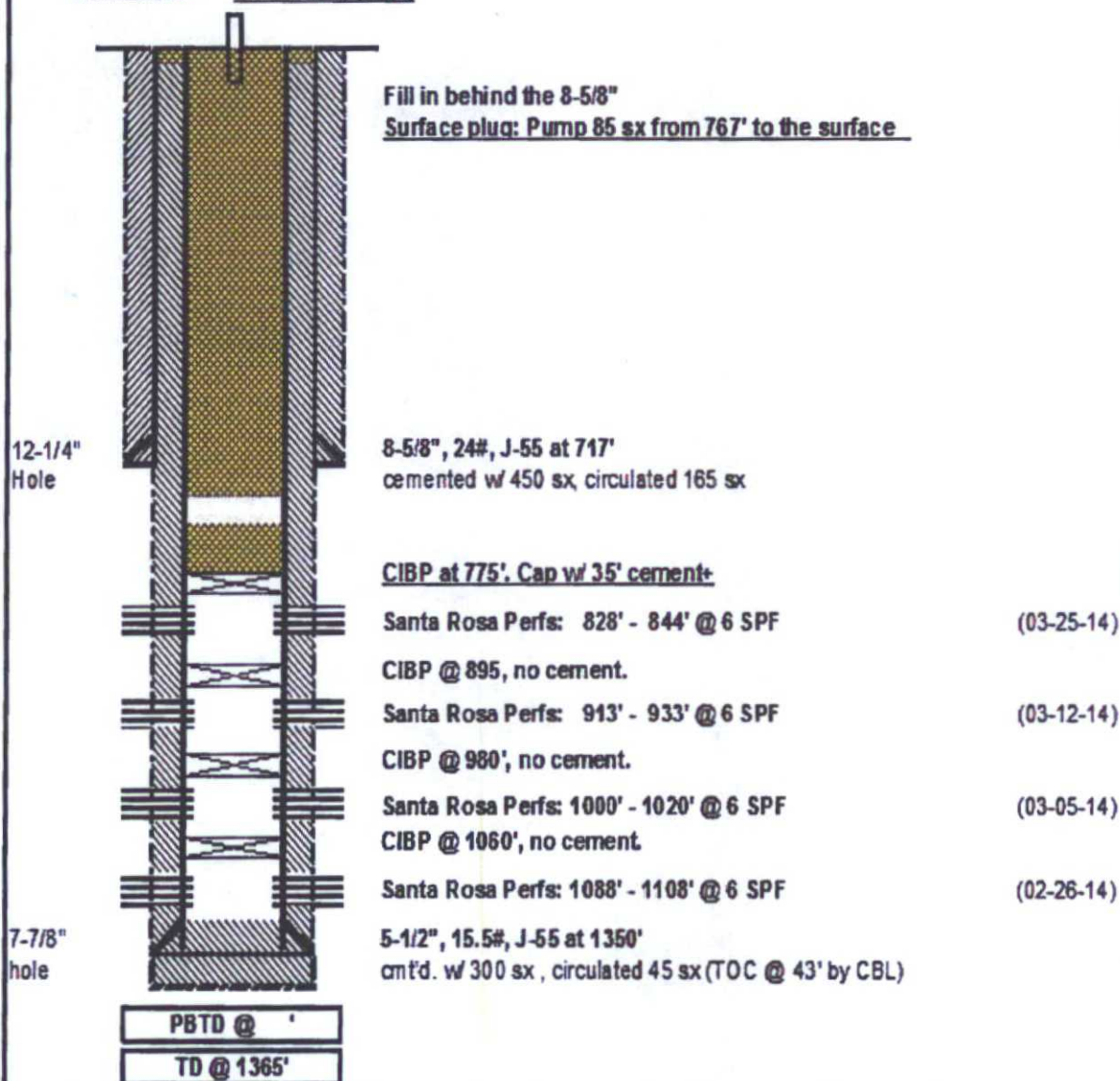
Location: 1650' FSL & 1980' FWL Sec. 4 - T 20 N - R 31 E

SPUD: 02/03/2014 Completed: 03/26/2014

CURRENT STATUS: SI - uneconomical

Formation: Santa Rosa (CO2)

KB = 4,602'
 GL = 4,596'
 API = 30-021-20593

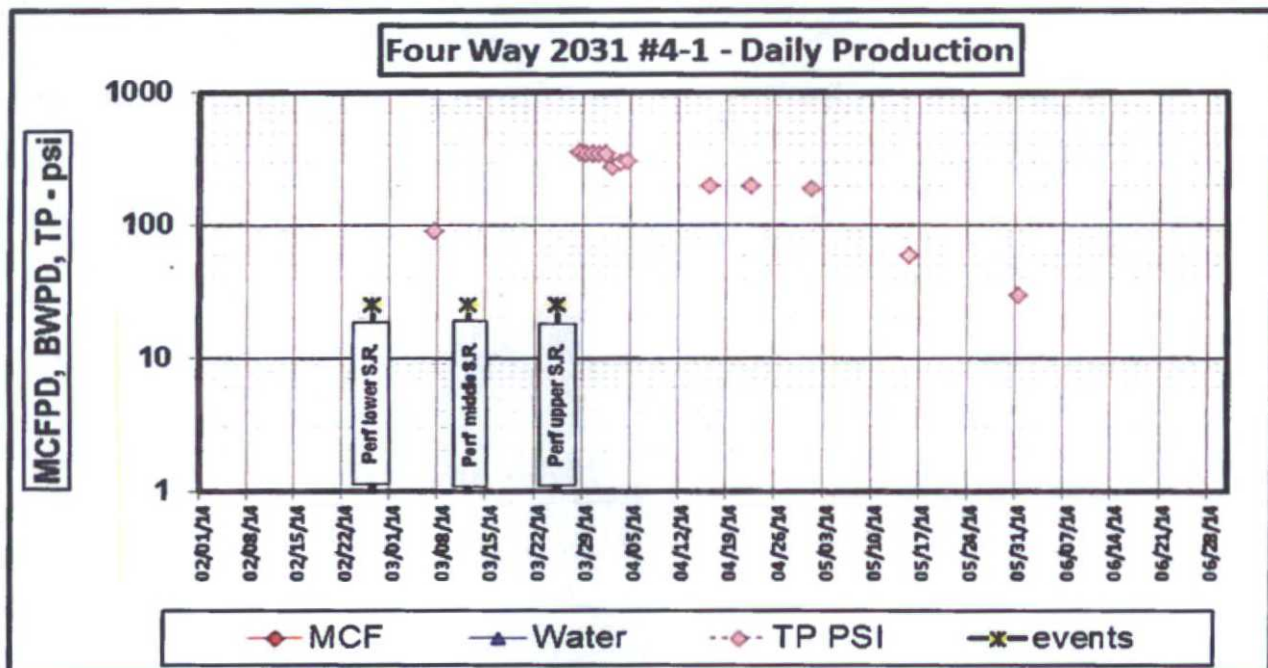


Objective: Plug and Abandon**Basic Procedure:**

CBL ran on 02-18-14. TOC @ 43', had good bond throughout the pay zone.

Last well work was March 2014 – rig anchor tests should be current.

- Set a 5-1/2" CIBP @ 775' 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 767' to the surface.
- Fill in the annulus around the 8-5/8" if possible.
- 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.



District I
1025 N. French Cr., Hobbs, NM 88240
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District II
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Phone (505) 748-1283 Fax (505) 748-9720

District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone (505) 334-0178 Fax (505) 334-0170

District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone (505) 476-3470 Fax (505) 476-3482

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 177126

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 Code 40241		3. API Number 30-021-20593
5. Property Name FOUR WAY 2031 <i>04</i>		6. Well No. <i>1</i>

7. Surface Location									
UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
K	4	20N	31E		1650	S	1980	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
K	4	20N	31E	K	1650	S	1980	W	Harding

9. Pool Information	
WILDCAT, SANTA ROSA (GAS)	96305

Additional Well Information				
11. Well Type New Well	12. Well Type CO2	13. Cable/Rotary	14. Lease Type Private	15. Ground Level Elevation 4596
16. Multiple N	17. Proposed Depth 1850	18. Formation Triassic Age Rocks-Undivided	19. Contractor	20. Spud Date 12/20/2013
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/lb	Setting Depth	Sacks of Cement	Estimated TOC
Surf	12.25	8.625	24	700	450	
Prod	7.875	5.5	15.5	1850	600	

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 ☒ and/or 19.15.14.9 (B) NMAC ☒ 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	12/16/2013
Date	12/9/2013	Phone	432-686-6709
		Conditions of Approval Attached	
		Expiration Date: 12/16/2015	