

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

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. 30-021-20594
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. 40241
3. Address of Operator 400 W ILLINOIS STE 1300 MIDLAND, TX 79701		7. Lease Name or Unit Agreement Name CASADOS 2030 12
4. Well Location Unit Letter E 1950 feet from the NORTH line and 1650 feet from the WEST line Section 12 Township 20N Range 30E NMPM County HARDING		8. Well Number 01
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4633' 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 <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 PHONE: 432-638-8475

For State Use Only

APPROVED BY:

Will Jones

TITLE

DIST IV

DATE

12/25/15

Conditions of Approval (if any):

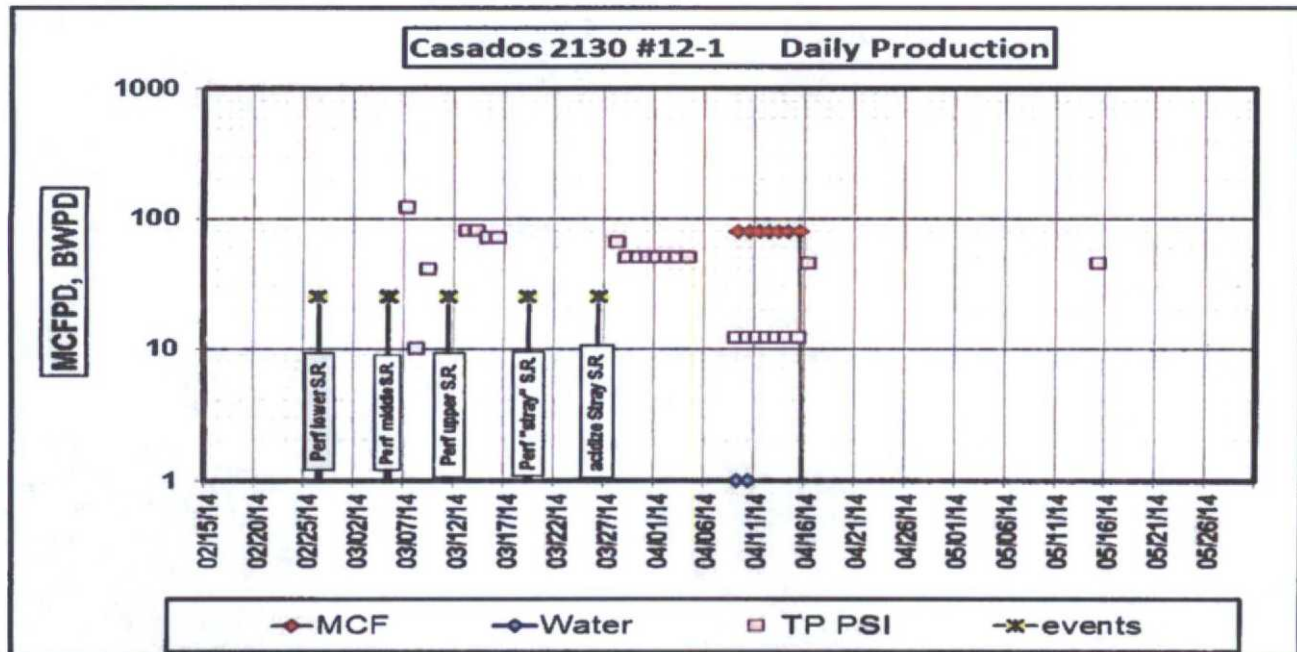
Objective: Plug and Abandon

Basic Procedure:

CBL ran on 02-18-14. TOC @ surface – no apparent fall back.

Last well work was July 2014 (swap tubing) – rig anchor tests should be current.

- Bleed off and kill well – POOH with 2-3/8", IPC production tubing and lay all EQPT down.
- Set a 5-1/2" CIBP @ 815' 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 764' 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.





* EXP *

30-021-20594

Casados 2030 #12-1 P&A

RECOMMENDED REMEDIAL WORKDate December 7, 2015

Lease Casados 2030 Well No #12-1 WOG GWI 100.00 % (85.00 % NWI)
 Pool Bravo Dome, Bueyeros County Harding State NM API # 30 - 021 - 20594
 Legal Location: 1950' FNL, 1650' FWL, Sec 12, T - 20 - N, R - 30 - E
 Completion Date 03-26-14 @ T. D. 1,330' I. P. / AOF: 80 mcfpd @ 12 psi
 Water Hrs 24 flowing, Present T. D. 970' Elevation 4633' GL KB = 4639'

DESCRIPTION OF PROSPECTIVE OR PAY ZONES

Name or Type of Zone	Top	Bottom	Remarks
<u>Santa Rosa</u>	<u>764'</u>	<u>1189'</u>	<u>Proposed CO2 Production Interval</u>
<u>San Andres / Glorieta</u>	<u>1298'</u>	<u> </u>	<u>Lost Circulation Interval</u>
<u>Tubb sand</u>	<u>NDE</u>	<u> </u>	<u>Primary Regional CO2 Production Interval</u>

CASING AND LINER RECORD

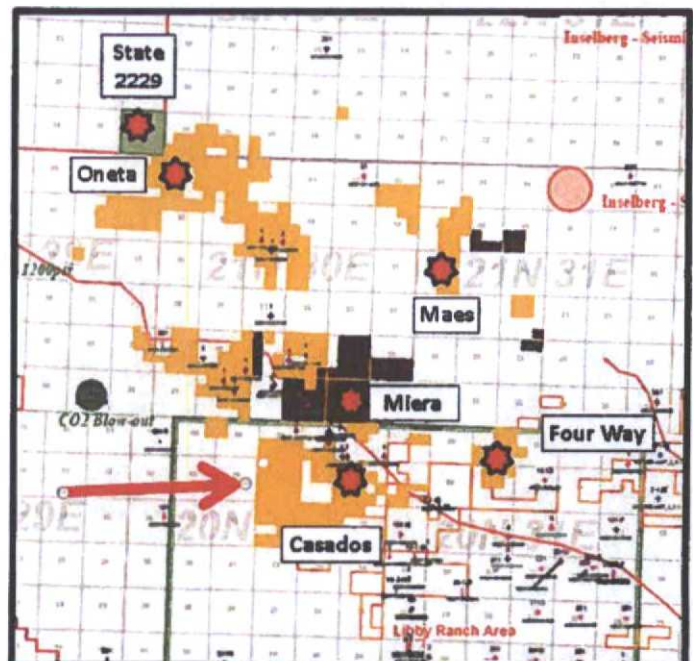
Size	Weight	Grade	Set At	SX CMT	Hole Size	Perf.	Remarks
<u>8-5/8"</u>	<u>24#</u>	<u>J-55</u>	<u>714'</u>	<u>450</u>	<u>12-1/4"</u>	<u> </u>	<u>Cement circulated</u>
<u>5-1/2"</u>	<u>15.5#</u>	<u>J-55</u>	<u>1310'</u>	<u>300</u>	<u>7-7/8"</u>	<u>986'-1154'</u>	<u>Cement circulated</u>

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> </u>	<u> </u>	<u> </u>	<u> </u>	<u>none</u>	<u>1134' 1154'</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>24F</u>
<u>03-05-14</u>	<u>Santa Rosa completion 2</u>	<u> </u>	<u> </u>	<u> </u>	<u>nitrogen</u>	<u>492 psi</u>	<u>1096' 1116'</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>24F</u>
<u>03-12-14</u>	<u>Santa Rosa completion 3</u>	<u> </u>	<u> </u>	<u> </u>	<u>nitrogen</u>	<u>880 psi</u>	<u>986' 1006'</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>24F</u>
<u>03-19-14</u>	<u>Santa Rosa Completion 4</u>	<u> </u>	<u> </u>	<u> </u>	<u>20'</u>	<u>gas guns</u>	<u>867' 912'</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>24F</u>
<u>03-26-14</u>	<u>Santa Rosa Completion 4</u>	<u> </u>	<u> </u>	<u> </u>	<u>3000 gal, 100 MSCF N2</u>	<u> </u>	<u>867' 912'</u>	<u>80</u>	<u>12#</u>	<u>0</u>	<u>24F</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u>F</u>

CUM. Prod. MMCF, MBWas of: Last Test: MCFPD BWPDDate: **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. This well can produce about 80 mcfpd to the atmosphere, but would need a compressor to produce any appreciable volumes.

Robert McNaughton 



Whiting Petroleum Corporation

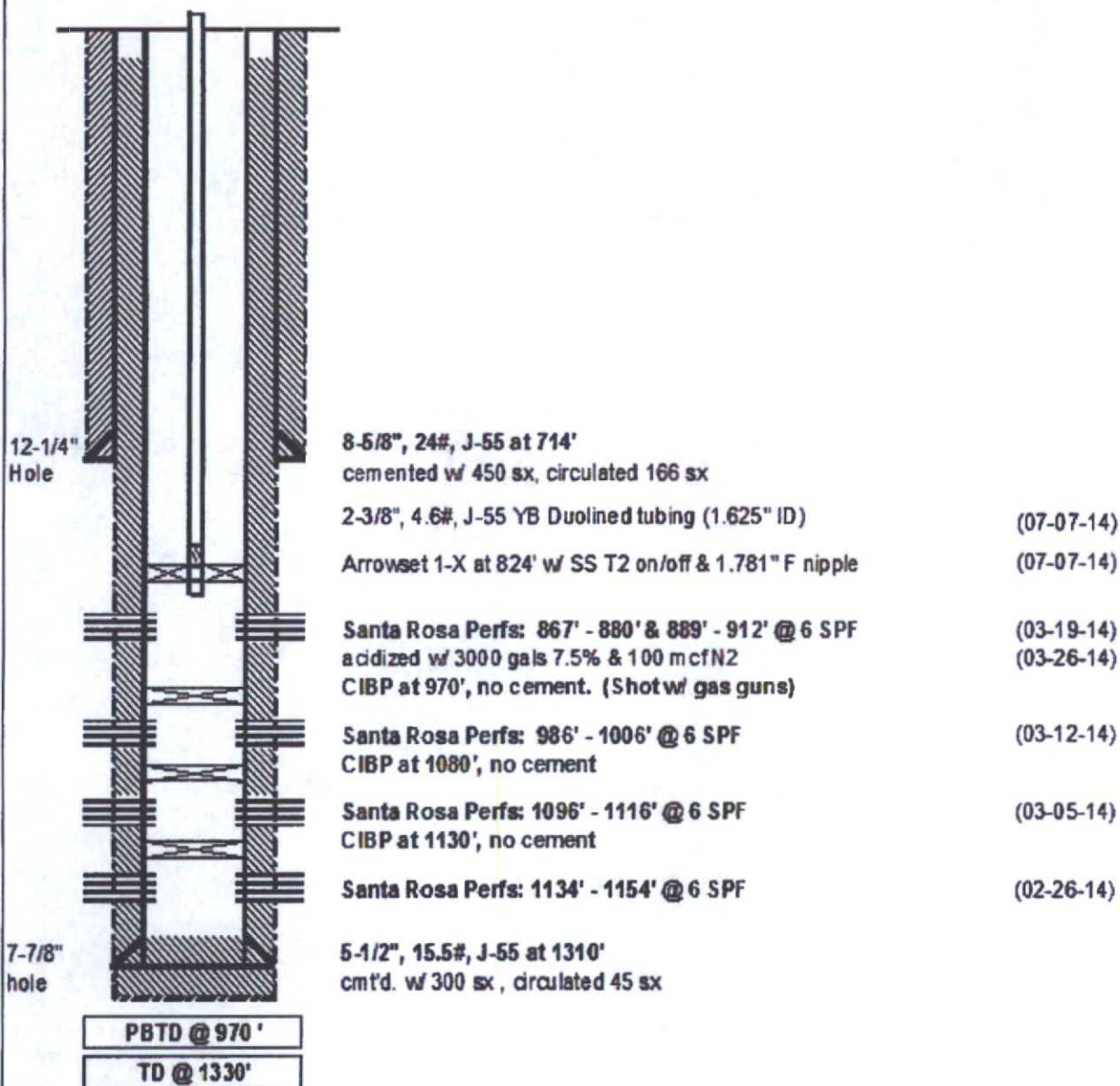
CO2 Supply Well

FIELD: **Bravo Dome, Bueyeros**
 LEASE: **Casados 2030**
 COUNTY: **Harding**

DATE: **Jul. 08, 2014**
 BY: **RTM**
 WELL: **#12-1**
 STATE: **New Mexico**

Location: 1950' FNL & 1650' FWL Sec. 12 - T 20 N - R 30 E
 SPUD: 01/27/2014 Completed: 03/26/2014
 CURRENT STATUS: **Flowing gas**
 Formation: **Santa Rosa (CO2)**

KB = **4,639'**
 GL = **4,633'**
 API = **30-021-20594**





Whiting Petroleum Corporation

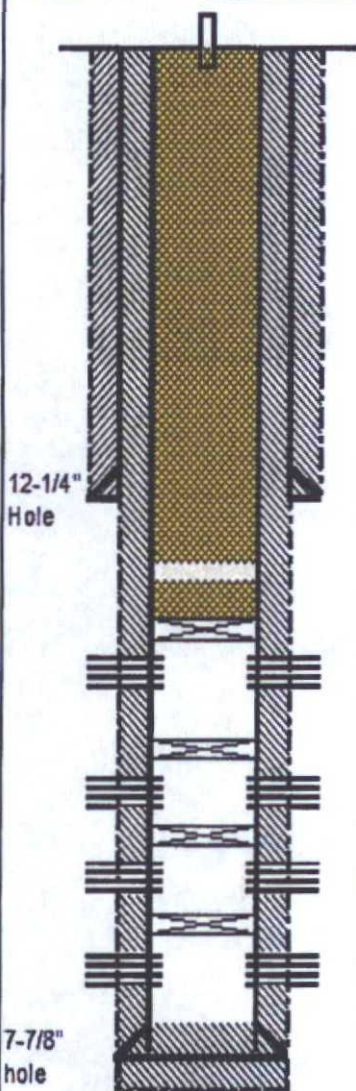
Proposed P&A

FIELD: Bravo Dome, Bueyeros
 LEASE: **Casados 2030**
 COUNTY: Harding

DATE: Nov. 02, 2015
 BY: RTM
 WELL: **#12-1**
 STATE: New Mexico

Location: 1950' FNL & 1650' FWL Sec. 12 - T 20 N - R 30 E
 SPUD: 01/27/2014 Completed: 03/26/2014
 CURRENT STATUS: Flowing gas
 Formation: Santa Rosa (CO2)

KB = 4,639'
 GL = 4,633'
 API = 30-021-20594



Surface plug: Pump 85 sx from 764' to the surface

8-5/8", 24#, J-55 at 714'
 cemented w/ 450 sx, circulated 166 sx

CIBP at 815'. Cap w/ 35' cement+

Santa Rosa Perfs: 867' - 880' & 889' - 912' @ 6 SPF (03-19-14)
 acidized w/ 3000 gals 7.5% & 100 mcf N2 (03-26-14)

CIBP at 970', no cement. (Shot w/ gas guns)

Santa Rosa Perfs: 986' - 1006' @ 6 SPF (03-12-14)
 CIBP at 1080', no cement

Santa Rosa Perfs: 1096' - 1116' @ 6 SPF (03-05-14)
 CIBP at 1130', no cement

Santa Rosa Perfs: 1134' - 1154' @ 6 SPF (02-26-14)

5-1/2", 15.5#, J-55 at 1310'
 cm'd. w/ 300 sx, circulated 45 sx, TOC @ surface by CBL.

PBTD @

TD @ 1330'

District I1628 N. French Dr., Hobbs, NM 88240
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Phone:(505) 334-8178 Fax:(505) 334-8170**District IV**1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 478-3470 Fax (505) 478-3482

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 177133

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 40242		3. API Number 30-021-20594
5. Property Name CASADOS 2030 12		6. Well No. 1

7. Surface Location

UL - Lot F	Section 12	Township 20N	Range 30E	Lot Idn	Feet From 1950	N/S Line N	Feet From 1850	E/W Line W	County Harding
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8. Proposed Bottom Hole Location

UL - Lot F	Section 12	Township 20N	Range 30E	Lot Idn F	Feet From 1950	N/S Line N	Feet From 1850	E/W Line W	County Harding
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9. Pool Information

WILDCAT;SANTA ROSA (GAS)	98305
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Additional Well Information

11. Work Type New Well	12. Well Type CO2	13. Cable/Rotary	14. Lease Type Private	15. Ground Level Elevation 4833
16. Multiple N	17. Proposed Depth 1850	18. Formation Triassic Age Rocks-Undivided	19. Contractor	20. Spud Date 12/25/2013
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	8.825	24	700	450	0
Prod	7.875	6.5	15.5	1850	600	0

Casing/Cement Program: Additional Comments

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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:	11/22/2013
Date:	11/21/2013	Phone:	432-888-8709
		Expiration Date:	11/22/2015
Conditions of Approval Attached			