

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. 30-021-20681	
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>	
6. State Oil & Gas Lease No. 313900	
7. Lease Name or Unit Agreement Name DOROTEO 1927 15	
8. Well Number 03	
9. OGRID Number 25078	
10. Pool name or Wildcat WILDCAT; TUBB CO2 GAS POOL	
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 <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other <input type="checkbox"/>	
2. Name of Operator WHITING OIL AND GAS CORPORATION	
3. Address of Operator 400 W ILLINOIS STE 1300 MIDLAND, TX 79701	
4. Well Location Unit Letter J 1650 feet from the SOUTH line and 1650 feet from the EAST line Section 15 Township 19N Range 27E NMPM County HARDING	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 5598' GR	

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: 12/08/2015

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 12/22/15
Conditions of Approval (if any):

RECOMMENDED REMEDIAL WORK

Date December 8, 2015

Lease Doroteo 1927-15 Well No #3 WOG GW1 100.00 % (87.5 % NW1)
Pool Bravo Dome, West County Harding State NM API # 30 - 021 - 20681
Legal Location: 1650' FSL, 1650' FEL, Sec 15, T - 19 - N, R - 27 - E
Completion Date 02-25-15 @ T. D. 2940' I. P. / AOF: flow back load water, no gas
Water Hrs 24 flowing, Present T. D. 2895' Elevation 5598' GL KB = 5604'

DESCRIPTION OF PROSPECTIVE OR PAY ZONES

Name or Type of Zone	Top	Bottom	Remarks
<u>Santa Rosa</u>	<u>1449'</u>	<u>1767'</u>	<u>Regional CO2 Production Interval</u>
<u>San Andres / Glorieta</u>	<u>1888'</u>	<u>2310'</u>	<u>Lost Circulation Interval</u>
<u>Tubb sand</u>	<u>2717'</u>	<u>2779'</u>	<u>Proposed CO2 Production Interval</u>

CASING AND LINER RECORD

Size	Weight	Grade	Set At	SX CMT	Hole Size	Perf.	Remarks
9-5/8"	36#	J-55	771'	450	12-1/4"		Cement circulated
5-1/2"	15.5#	J-55	2940'	1050	8-3/4"	2742' - 2758'	Cement circulated

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
01-15-15	<u>Tubb completion</u>			<u>(16')</u>	<u>none</u>	<u>2742'</u>	<u>2758'</u>	<u>0 mcf,</u>	<u>20 psi</u>	<u>24F</u>
02-04-15	<u>Tubb acid - break perfs</u>			<u>15% HCL</u>	<u>750 gal</u>	<u>2742'</u>	<u>2758'</u>	<u>0 mcf,</u>	<u>0 psi</u>	<u>24F</u>
02-10-15	<u>Tubb frac, 39 tons CO2</u>			<u>650 CO2</u>	<u>41K#/10Kg</u>	<u>2742'</u>	<u>2758'</u>	<u>0 mcf, 0 BW @ 5#</u>		<u>24F</u>

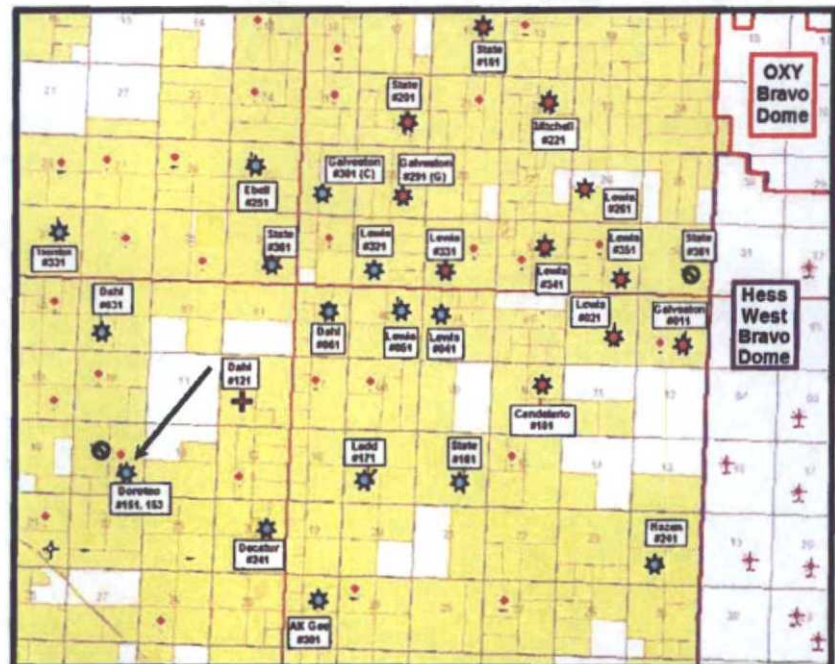
CUM. Prod. _____ MMCF, _____ MBW
Last Test: _____ MCFPD _____ BWPD

as of: _____
Date: _____

Reasons for Plug and Abandonment:

This is a wildcat well offset to Hess's West Bravo Dome CO₂ Unit and OXY's Bravo Dome CO₂ Unit. The pay sands are insufficiently developed and often structurally too low to be economical. The Tubb sand in this well had good quality and reservoir pressure, but was wet.

Robert McNaughton_____





Whiting Petroleum Corporation

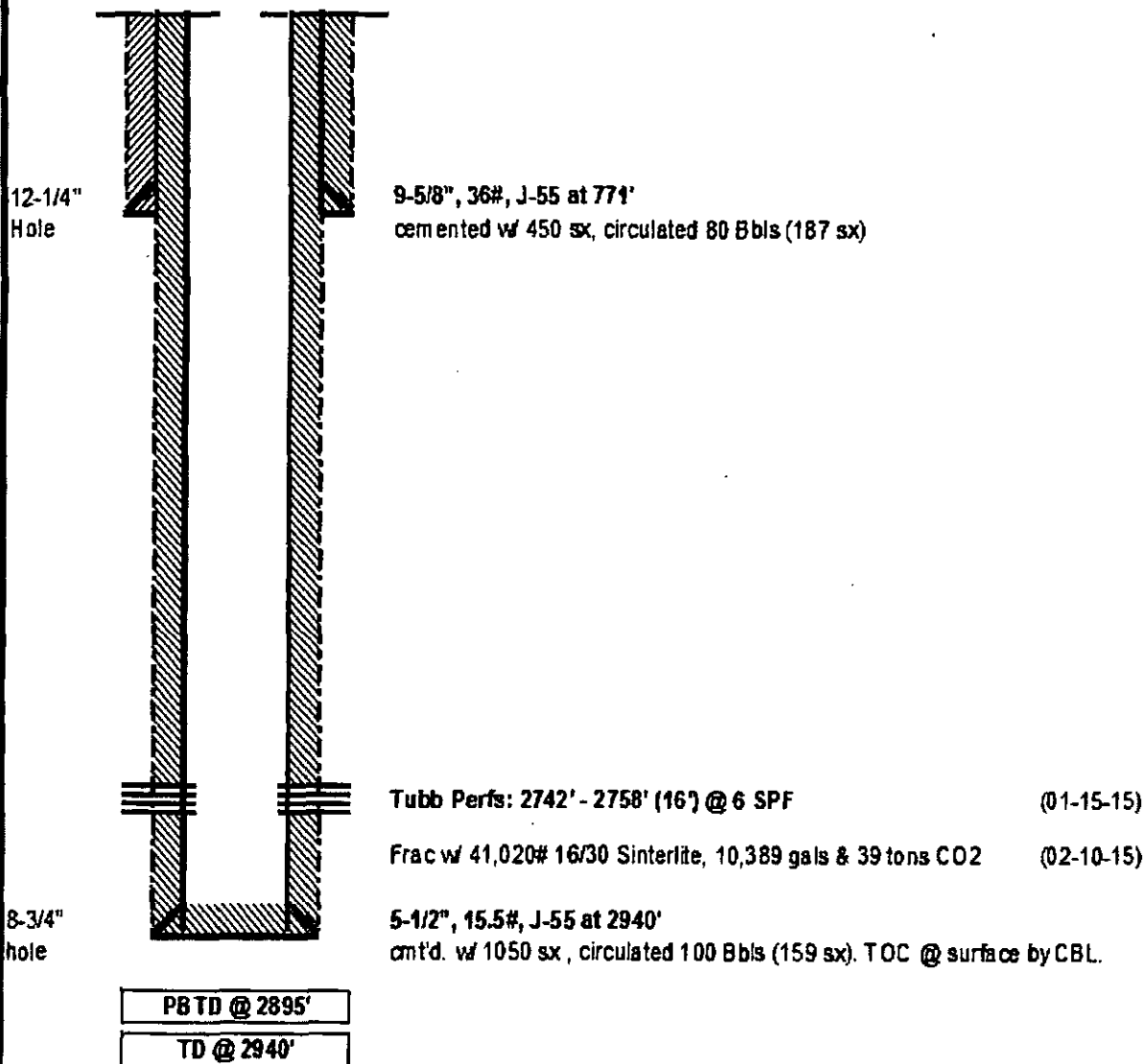
CO2 Supply Well

FIELD: Bravo Dome, 640 Tubb
LEASE: **Doroteo 1927-15**
COUNTY: Harding

DATE: Jan. 10, 2015
BY: RTM
WELL: **#3**
STATE: New Mexico

Location: 1650' FSL & 1650' FEL Sec. 15 - T 19 N - R 27 E
SPUD: 12/26/2014 Completed:
CURRENT STATUS: SI - wet
Formation: Tubb (CO2)

KB = 5,604'
GL = 5,598'
API = 30-021-20681





Whiting Petroleum Corporation

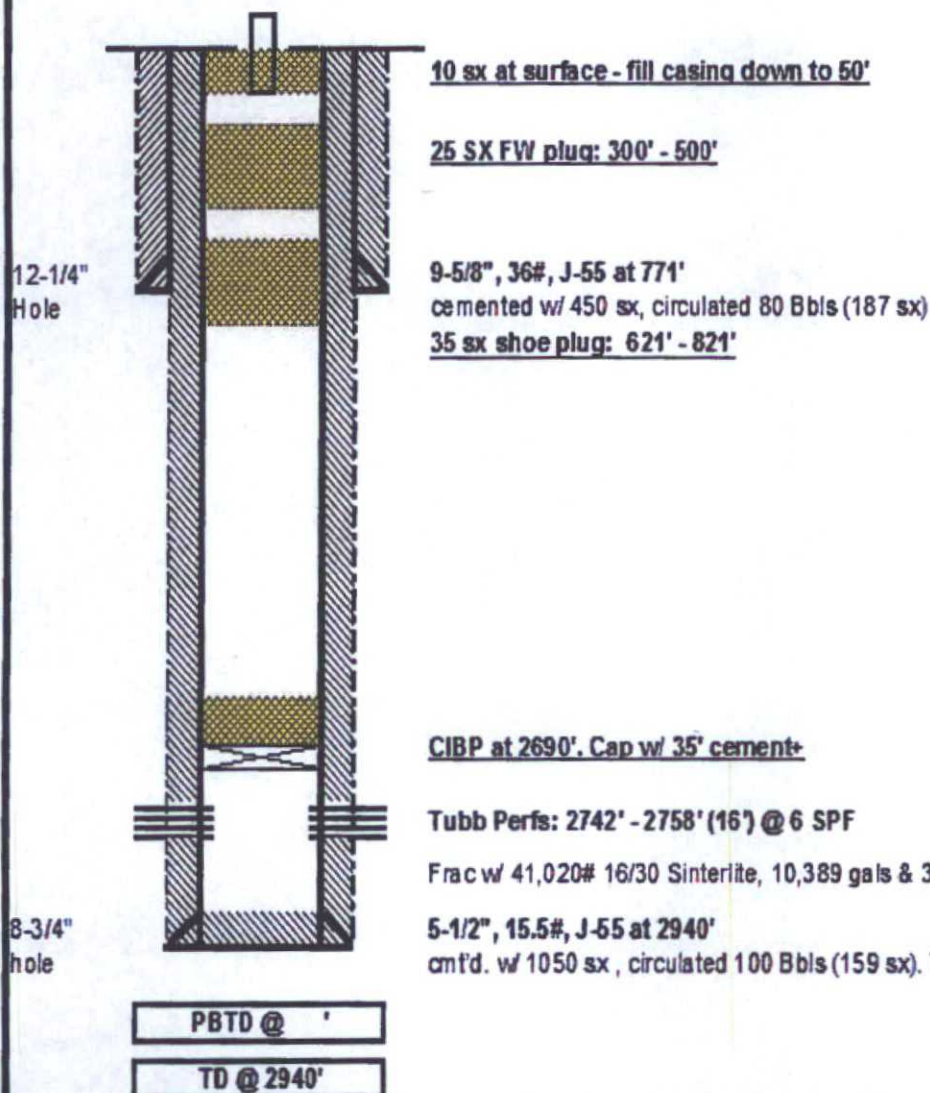
Proposed P&A

FIELD: Bravo Dome, 640 Tubb
 LEASE: **Doroteo 1927-15**
 COUNTY: Harding

DATE: Jan. 10, 2015
 BY: RTM
 WELL: **#3**
 STATE: New Mexico

Location: 1650' FSL & 1650' FEL Sec. 15 - T 19 N - R 27 E
 Spud: 12/26/2014 Completed: 02/25/2015
 Current Status: SI -uneconomical
 Formation: **Tubb (CO2)**

KB = 5,604'
 GL = 5,598'
 API = 30-021-20681

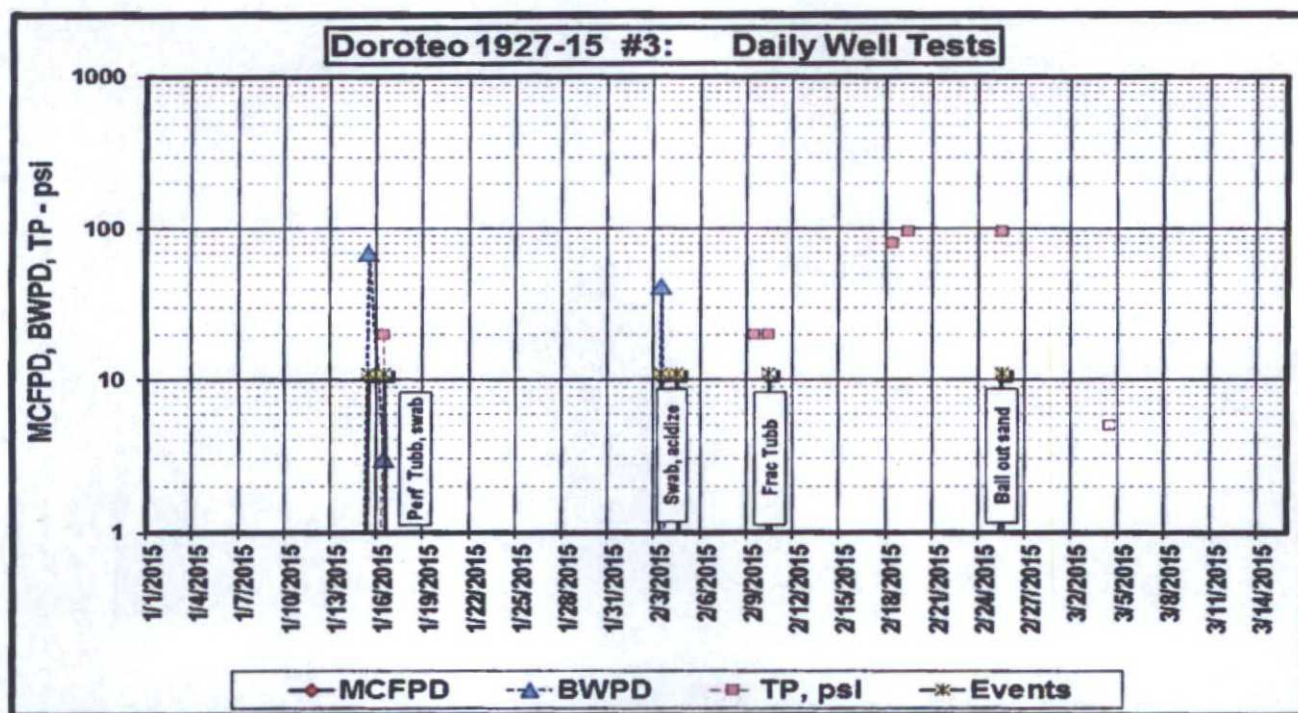


Objective: Plug and Abandon

Basic Procedure:

Renegade ran a CBL on 01-15-15: TOC is at the surface (good bond). Ran a pressure survey on February 9th, 2015: surface was 20 psi and BHP was 601 psi. FL was not detected but was about 1450' based on the gradient stops. Last well work was in February 2015 (clean out). Rig anchor tests should be current.

- Set a 5-1/2" CIBP @ 2690' and cap with 35'+ cement by bailer.
- Load hole w/ 10 PPG salt gel mud.
- Dig out the 9-5/8" casing and check the annulus for any pressure.
- Pump a 35 sx plug across the 9-5/8" casing shoe from 621' to 821'. Pump a 25 sx FW plug from 300' to 500'. If the NMOCD requires a tag, it may be faster and cheaper to just fill the casing to surface with cement.
- Pump 10 sx and fill casing from 50' to the surface.
- Fill in the annulus around the surface casing with cement as needed.
- 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



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District III
1000 Rue Brazos Rd., Aztec, NM 87413
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District IV
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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: 194743

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. OGRD Number 25078
4. Property Code ✓ 313900		3. API Number 30-021-20881
5. Property Name DOROTEO 1927 15		6. Well No. 003

7. Surface Location																			
UL - Lot	J	Section	15	Township	19N	Range	27E	Lot - in	J	Feet From	1650	N/S Line	S	Feet From	1650	E/W Line	E	County	Harding

8. Proposed Bottom Hole Location																			
UL - Lot	J	Section	15	Township	19N	Range	27E	Lot - in	J	Feet From	1650	N/S Line	S	Feet From	1650	E/W Line	E	County	Harding

9. Pool Information									
WILDCAT, TUBB CO2 GAS POOL									
98104									

Additional Well Information				
11. Work Type New Well	12. Well Type CO2	13. Casing/History	14. Lease Type Private	15. Ground Level Elevation 5598
16. Muds N	17. Proposed Depth 3800	18. Formation Tubb	19. Contractor	20. Spud Date 11/16/2014
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	9.625	30	750	500	0
Prod	8.75	5.5	15.5	3800	450	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 & and/or 19.15.14.9 (B) NMAC bc if applicable.		OIL CONSERVATION DIVISION	
Signature:		Approved By: WJD Jones	
Printed Name: Electronically filed by Kay Maddox		Title:	
Title: Regulatory Agent		Approved Date: 11/23/2014	
Email Address: kay.maddox@whiting.com		Expiration Date: 11/23/2016	
Date: 11/17/2014		Phone: 432-688-6709	
Conditions of Approval Attached			