

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. 30-021-20662
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. 313383
3. Address of Operator 400 W ILLINOIS STE 1300 MIDLAND, TX 79701		7. Lease Name or Unit Agreement Name GALVESTON 2028 30
4. Well Location Unit Letter K 1700 feet from the SOUTH line and 1700 feet from the WEST line Section 30 Township 20N Range 28E NMPM County HARDING		8. Well Number 01
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 5595' GR		9. OGRID Number 25078
		10. Pool name or Wildcat BRAVO DOME CARBON DIOXIDE 640

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: 12/08/2015

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

For State Use Only

APPROVED BY:

W. J. Jones

TITLE

DCST IV

DATE

12/22/15

Conditions of Approval (if any):

• EXP •

30-021-20662

Galveston 2028 #301 P&A

RECOMMENDED COMPLETION

Date December 8, 2015

Lease	Galveston 2028	Well No	#301	WOG	GWI	100.00 %	(87.5 % NWI)
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Pool	Bravo Dome, West	County	Harding	State	NM	API #	30 - 021 - 20662
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Legal Location: 1700' FSL, 1700' FWL, Sec 30, T - 20 - N, R - 28 - E

Completion Date 02-26-15 @ T. D. 2,859' I. P. / AOF: 0 mcfpd, 120 BW swabbing

Water _____ Hrs 24 flowing, Present T. D. 2804' Elevation 5595' GL KB = 5607'

DESCRIPTION OF PROSPECTIVE OR PAY ZONES

Name or Type of Zone	Top	Bottom	Remarks
<u>Santa Rosa</u>	<u>1400'</u>	<u>1755'</u>	<u>Regional CO2 Production Interval</u>
<u>San Andres / Glorieta</u>	<u>1864'</u>	<u>2271'</u>	<u>Lost Circulation Interval</u>
Tubb sand	2686'	2732'	Proposed CO2 Production Interval

CASING AND LINER RECORD

Size	Weight	Grade	Set At	SX CMT	Hole Size	Perf.	Remarks
9-5/8"	36#	J-55	772'	500	12-1/4"		Cement circulated
7"	20#	J-55	2618'	800	8-3/4"		Cement circulated
5-1/2"	15.5#	J-55	2859'	230	6-1/4"	2706'- 2728'	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
11-05-14	init.				<u>Tubb completion</u>	<u>(22')</u>	<u>none</u>	<u>2706'</u>	<u>2728'</u>	<u>0 mcfd</u>	<u>0 psi</u>	<u>24F</u>
11-19-14	Tubb acid				<u>break perfs</u>	<u>15% HCL</u>	<u>750 gal</u>	<u>2706'</u>	<u>2728'</u>	<u>0 mcfd</u>	<u>0 psi</u>	<u>24F</u>
02-09-15	Tubb frac.				<u>197 Bbls CO2</u>	<u>650 CO2</u>	<u>34K#/10Kg</u>	<u>2706'</u>	<u>2728'</u>	<u>trace gas</u>	<u>120 BW</u>	<u>24F</u>

CUM. Prod. _____ MMCF, _____ MBW

as of: _____

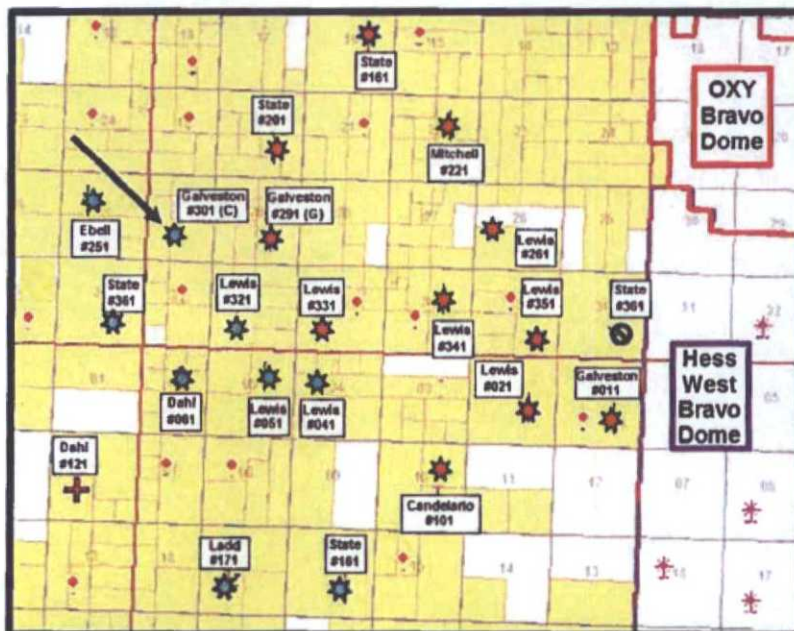
Last Test: MCFPD BWPD

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 was poor quality and wet.

Robert McNaughton



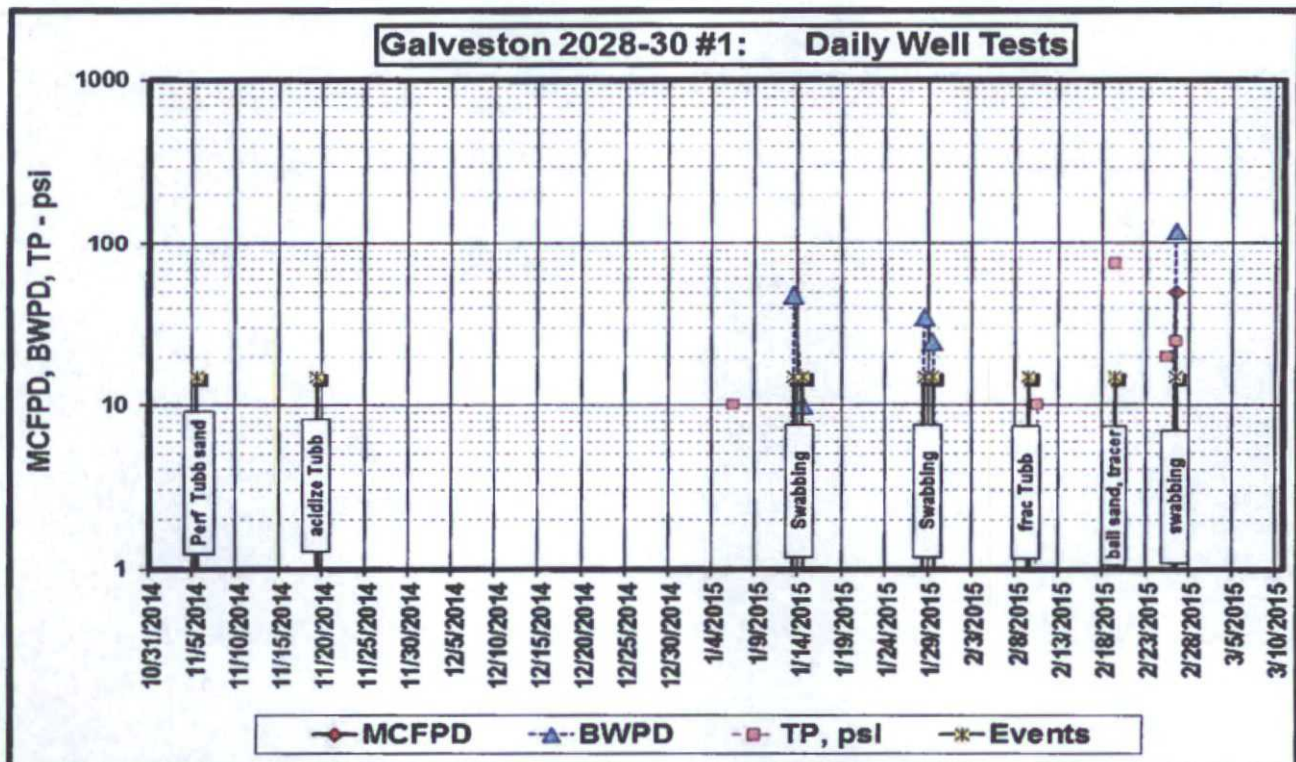
Objective: Plug and Abandon

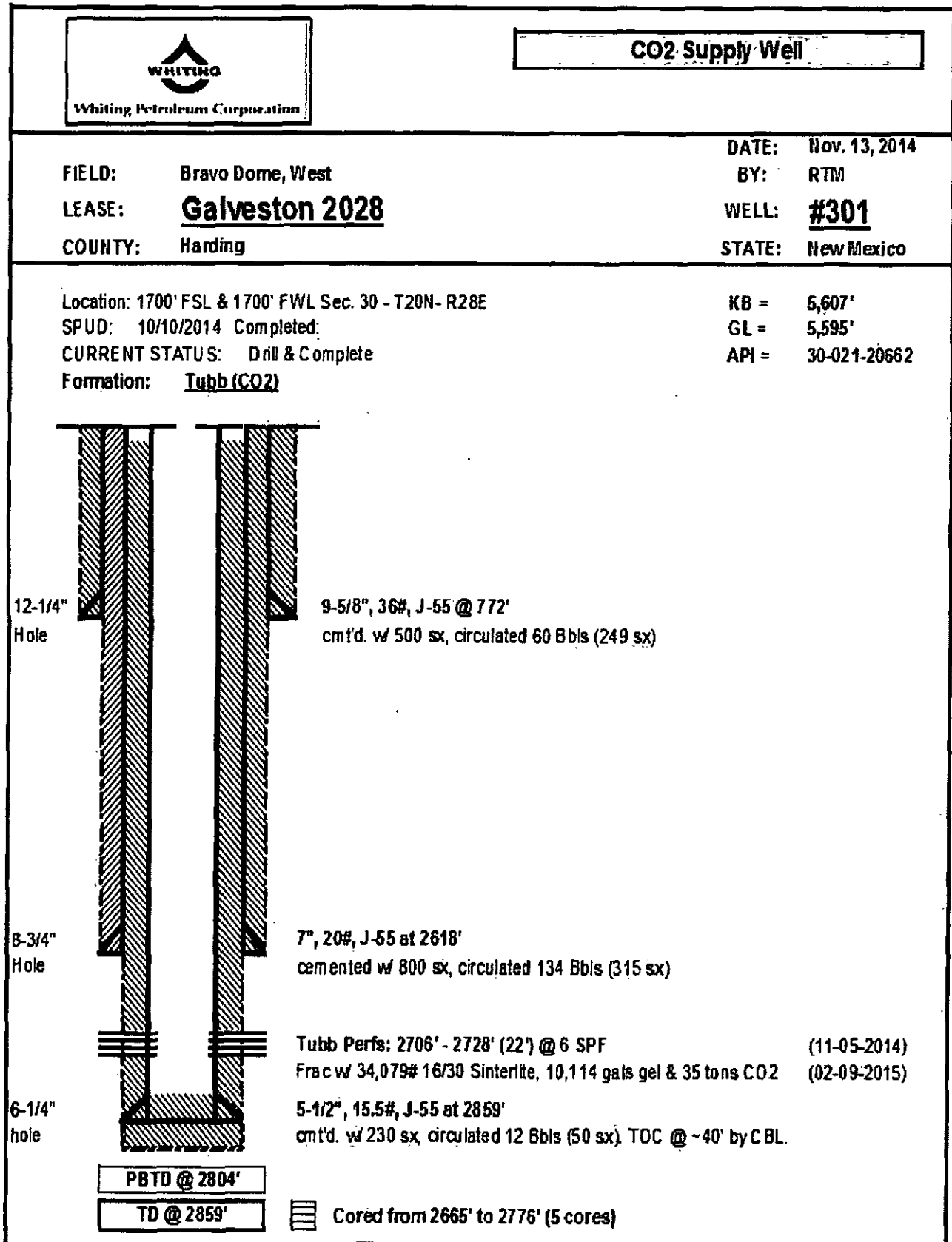
Basic Procedure:

Renegade ran a CBL on 11-05-14: TOC @ 42' and good bond across the pay. Cement was circulated, but fell back some. Ran a BH pressure survey on January 7, 1915: surface = 10 psi and BHP = 763 psi. Well will load up with water and die, so well control shouldn't be an issue.

- Set a 5-1/2" CIBP @ 2650' 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.
- Pump a 25 sx plug across the 7" casing shoe from 2415' to 2615'. Pump a 25 sx plug across the 9-5/8" casing shoe from 622' to 822'. 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.
- Shoot SQZ perfs at 40' if directed. Pump 10 sx from 50' to the surface and fill the casing and annulus if possible.
- Fill in the annulus around the 8-5/8" at the surface 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







Whiting Petroleum Corporation

Proposed P&A

FIELD: Bravo Dome, West
 LEASE: **Galveston 2028**
 COUNTY: Harding

DATE: Nov. 16, 2015
 BY: RTM
 WELL: **#301**
 STATE: New Mexico

Location: 1700' FSL & 1700' FWL Sec. 30 - T20N- R28E

SPUD: 10/10/2014 Completed:

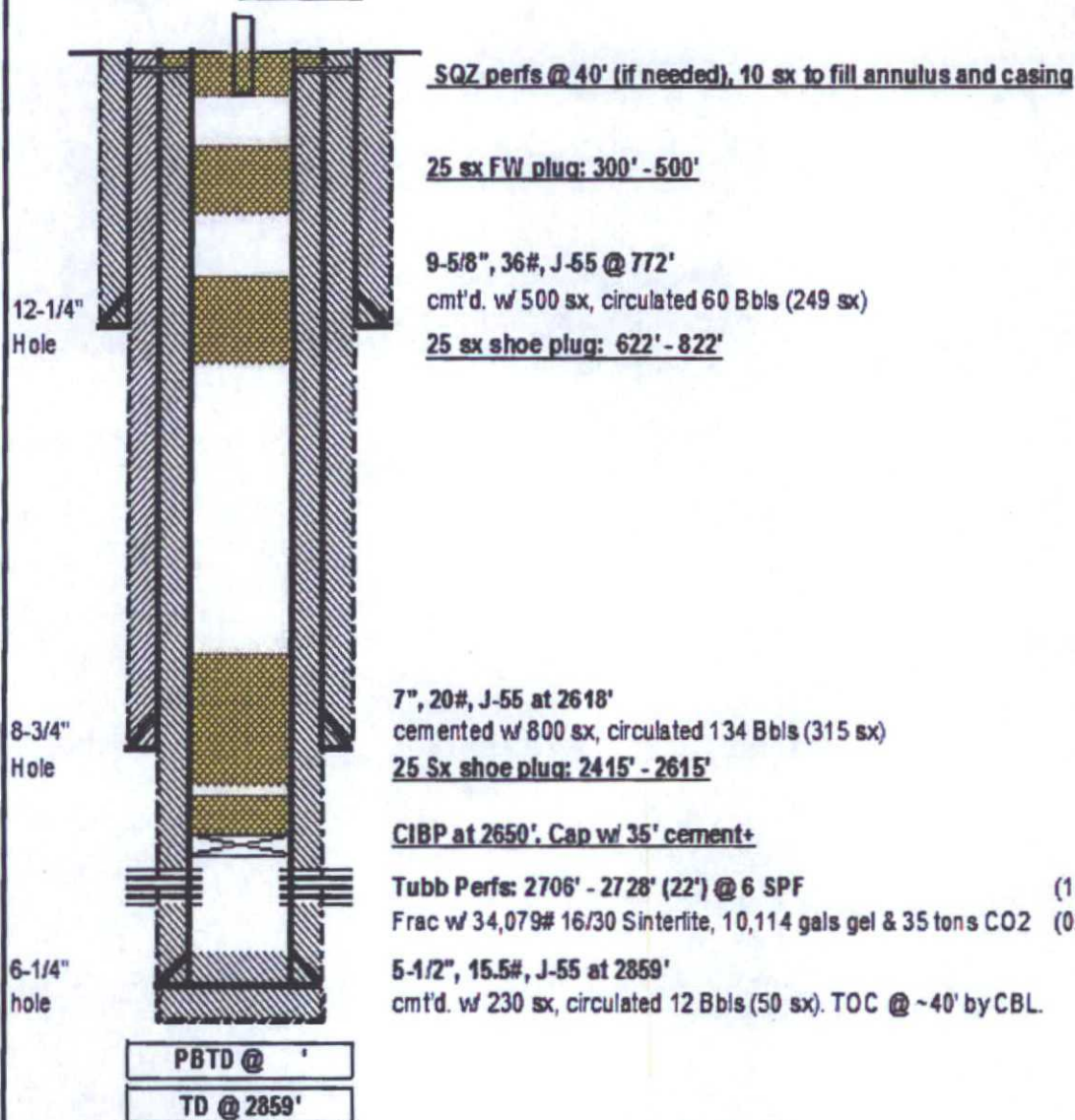
CURRENT STATUS: SI - uneconomical

Formation: Tubb (CO2)

KB = 5,607'

GL = 5,595'

API = 30-021-20662



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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 101438

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
		3. API Number 30-021-20662
4. Property Code 313383	5. Property Name GALVESTON 2028 30	6. Well No 1

7. Surface Location																			
UL - Lot	K	Section	30	Township	20N	Range	28E	Lot 1th	3	Feet From	1700	N/S Line	S	Feet From	1700	E/W Line	W	County	Harding

8. Proposed Bottom Hole Location																			
UL - Lot	K	Section	30	Township	20N	Range	28E	Lot 1th	K	Feet From	1700	N/S Line	S	Feet From	1700	E/W Line	W	County	Harding

9. Pool Information										
BRAVO DOME CARBON DIOXIDE GAS 640										96010

Additional Well Information				
11. Well Type New Well	12. Well Type CO2	13. Casing Rotary	14. Lease Type Private	15. Ground Level Elevation 5595
16. Multiple N	17. Proposed Depth 3500	18. Formation Tuob	19. Contractor	20. Spud Date 9/11/2014
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	Casing Depth	Blocks of Cement	Estimated YOC
Surf	12.25	8.625	38	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 if applicable.		OIL CONSERVATION DIVISION	
Signature Printed Name: Electronically filed by Kay Maddox Title: Regulatory Agent Email Address: kay.maddox@whiting.com Date: 8/25/2014		Approved By: Charlie Perrin Title: District Supervisor Approved Date: 9/9/2014 Conditions of Approval Attached	