

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

WELL API NO. 30-025-29503
5. Indicate Type of Lease STATE [X] FEE []
6. State Oil & Gas Lease No. LG-7355
7. Lease Name or Unit Agreement Name Hummingbird ADM State
8. Well Number 1
9. OGRID Number 330608
10. Pool name or Wildcat Lovington; Upper Penn, NE
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3832'GR

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 [X] Gas Well [] Other []
2. Name of Operator Roughhouse Operating, LLC
3. Address of Operator 8361 N. Rampart Range Road, Suite B208, Littleton CO 80125
4. Well Location Unit Letter H : 2086 feet from the North line and 554 feet from the East line
Section 8 Township 16S Range 37E NMPM Lea County

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

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

Roughhouse Operating, LLC plans to plug and abandon this well as follows:

- 1. MIRU all safety equipment as needed. NU BOP. POOH with production equipment.
2. Set a CIBP at 10,508'. Pressure test. Spot 25 sx Class "H" cement on top of CIBP to 10,282'. WOC and tag. This will cover Cisco Canyon perfs and Cisco top.
3. Spot a 25 sx Class "H" cement plug from 9891'-9665'. This will cover Wolfcamp top.
4. Spot a 25 sx Class "H" cement plug from 8585'-8359'. This will cover Abo top.
5. Perforate at 6514'. Attempt injection rate. Squeeze with 40 sx Class "C" cement from 6514'-6341'. WOC and tag. This will cover Glorieta top.
6. Perforate at 5176'. Attempt injection rate. Squeeze with 37 sx Class "C" cement from 5176'-5016'. WOC and tag. This will cover San Andres top.
7. Perforate at 4536'. Attempt injection rate. Squeeze with 35 sx Class "C" cement from 4536'-4386'. WOC and tag. This will cover casing shoe.
8. Perforate at 3394'. Attempt injection rate. Squeeze with 33 sx Class "C" cement from 3394'-3253'. WOC and tag. This will cover Yates top.
9. Perforate at 2200'. Attempt injection rate. Squeeze with 31 sx Class "C" cement from 2200'-2068'. WOC and tag. This will cover Rustler top.
10. Perforate at 500'. Attempt injection/circulation. Squeeze with 117 sx Class "C" cement at 500' and circulate up to surface. Verify cement at surface. Back fill as needed.
11. Cut off wellhead and install dry hole marker. Clean location as per regulated.

Wellbore schematics attached

4" diameter 4' tall above ground marker

See attached conditions of approval

Spud Date:

[Empty box for Spud Date]

Rig Release Date:

[Empty box for Rig Release Date]

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE [Signature] TITLE Production Reporting Analyst DATE May 26, 2022

Type or print name Traci Folmar E-mail address: tfolmar@roughhouseoperating.com PHONE: 972-768-6426

For State Use Only

APPROVED BY: [Signature] TITLE Compliance Officer A DATE 6/27/22

Hummingbird ADM State 1 Current

Sec-TWN-RNG: Sec. 8-16S-37E API: 30-025-29503
 FOOTAGES: 2086' FNL & 554' FEL GL: 3832
 KB: KB:

CASING DETAIL									
#	HOLE SIZE	SIZE	WGHT	GRADE	Top	Bottom	Sx Crnt	Circ/TOC	TOC Method
A	17 1/2	13 3/8	54.5	J-55	0	450	450	Circ	
B	11	8 5/8	32	J-55	0	4,486	1700	Circ	
C	7 7/8	5 1/2	17 & 20	N-80/J-55	0	11,830	1100	8030	CBL
			100 lbs 20# N-80, 73 lbs 17# J-55						

FORMATION TOPS

Formation	Top	Formation	Top
Rustler	2150	Abo	8535
Yates	3344	Wolfcamp	9841
San Andres	5126	Cisco	10558
Glorieta	6464		

TUBING DETAIL

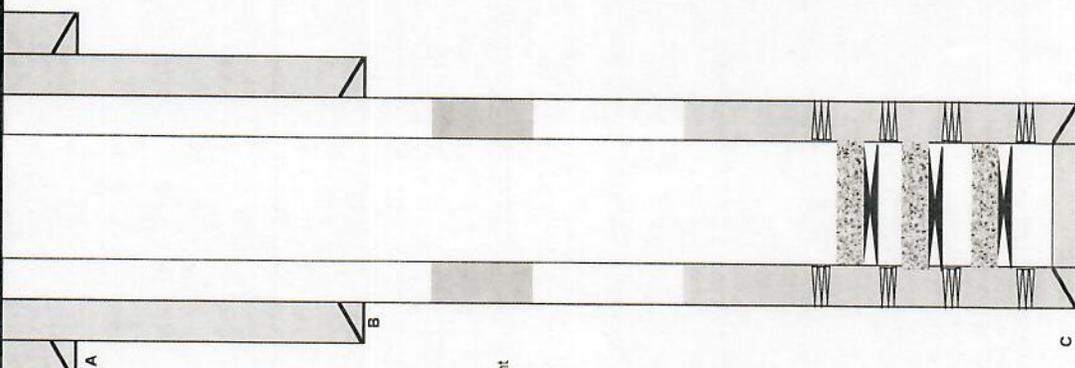
#	Joints	Description	Length	OD	ID	Grade	Wt (lb/ft)	Top (ftKB)	Blm (ftKB)
		2 7/8 Tubing @ 10671							10671
		sealing nipple @ 10632							

ADDITIONAL DETAIL

10/2008-CIBP Set @ 11475 w/35' cement. Perf Cisco Canyon 11143-11152 and Acidize. Set CIBP @ 11,100 w/35' cement.
 perf Cisco Canyon 10787-10800 & acidize
 2/2009-Well was perfrated at the pump. CIBP Set @ 10760 w/35' cement. Bad casing found @ 5575-5607. Set cement retainer
 and pumped 250sx. Tagged cement @ 5532. Drilled out retainer and cement.

Perforation Detail

Formation	Top	Bottom	Treatment
Strawn	11,525	11,566	3000 gals 15% NEFE acid and ball sealers
Cisco-Canyon	11,143	11,152	Acidized w/1500 gals 15% NEFE & 24 balls
Cisco-Canyon	10,787	10,800	Acidized w/2300 gal. 15% NEFE & 42 balls
Cisco Canyon	10,558	10,573	Acidized w/1500 gals 15% NEFE



Bad casing @ 5575-5607. 250sx cement pumped

TOC @ 8030 CBL

Cisco Canyon perms 10558-10573

CIBP @ 10760 w/35' cement

Cisco Canyon perms 10787-10800

CIBP @ 11100 w/35' cement

Cisco Canyon perms 11143-11152

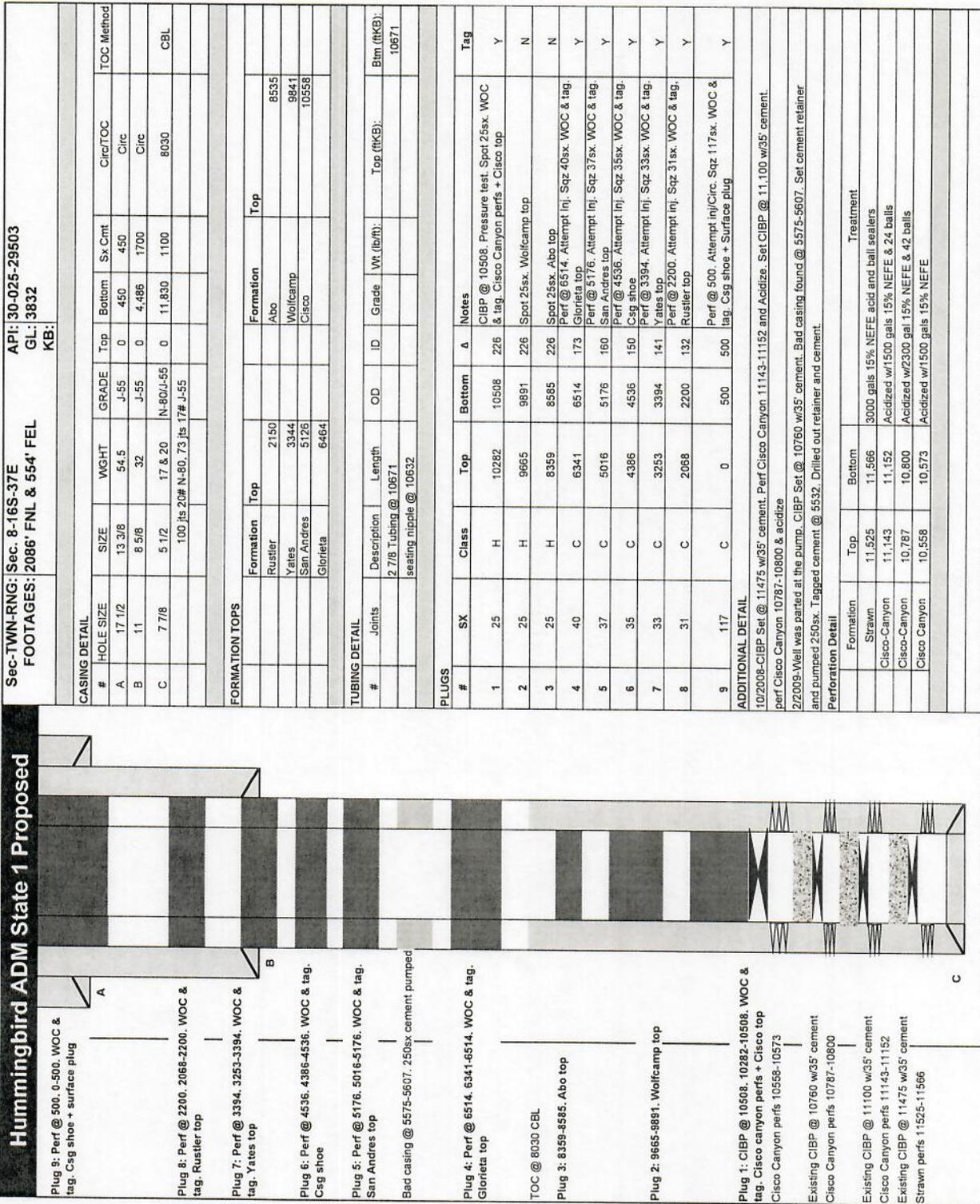
CIBP @ 11475 w/35' cement

Strawn perms 11625-11566

PBTD: 10,558 MD
 TD: 11,830 MD

Prepared by: NF 5/23/22

Hummingbird ADM State 1 Proposed



Sec-TWN-RNG: Sec. 8-16S-37E API: 30-025-29503
 FOOTAGES: 2086' FNL & 554' FEL GL: 3832 KB:
 KB:

CASING DETAIL

#	HOLE SIZE	SIZE	WGHT	GRADE	Top	Bottom	Sx Cmt	Circ/TOC	TOC Method
A	17 1/2	13 3/8	54.5	J-55	0	450	450	Circ	
B	11	8 5/8	32	J-55	0	4,486	1700	Circ	
C	7 7/8	5 1/2	17 & 20	N-80/J-55	0	11,830	1100	8030	CBL
			100 JIS 20# N-80, 73 JIS 17# J-55						

FORMATION TOPS

Formation	Top	Formation	Top
Rustler	2150	Abo	8535
Yates	3344	Wolfcamp	9841
San Andres	5126	Cisco	10558
Glorieta	6464		

TUBING DETAIL

#	Joints	Description	Length	OD	ID	Grade	Wt (lb/ft)	Top (ftKB)	Blm (ftKB)
		2 7/8 Tubing @ 10671							10671
		sealing nipple @ 10632							

PLUGS

#	SX	Class	Top	Bottom	A	Notes	Tag
1	25	H	10282	10508	226	CIBP @ 10508. Pressure test. Spot 25sx. WOC & tag. Cisco Canyon perfs + Cisco top	Y
2	25	H	9665	9891	226	Spot 25sx. Wolfcamp top	N
3	25	H	8359	8585	226	Spot 25sx. Abo top	N
4	40	C	6341	6514	173	Perf @ 6514. Attempt Inj. Sqz 40sx. WOC & tag. Glorieta top	Y
5	37	C	5016	5176	160	Perf @ 5176. Attempt Inj. Sqz 37sx. WOC & tag. San Andres top	Y
6	35	C	4386	4536	150	Perf @ 4536. Attempt Inj. Sqz 35sx. WOC & tag. Csg shoe	Y
7	33	C	3253	3394	141	Perf @ 3394. Attempt Inj. Sqz 33sx. WOC & tag. Yates top	Y
8	31	C	2068	2200	132	Perf @ 2200. Attempt Inj. Sqz 31sx. WOC & tag. Rustler top	Y
9	117	C	0	500	500	Perf @ 500. Attempt Inj/Circ. Sqz 117sx. WOC & tag. Csg shoe + Surface plug	Y

ADDITIONAL DETAIL

10/2008-CIBP Set @ 11475 w/35' cement. Perf Cisco Canyon 11143-11152 and Acidize. Set CIBP @ 11,100 w/35' cement.

perf Cisco Canyon 10787-10800 & acidize

2/2009-Well was parted at the pump. CIBP Set @ 10760 w/35' cement. Bad casing found @ 5575-5607. Set cement retainer and pumped 250sx. Tagged cement @ 5532. Drilled out retainer and cement.

Perforation Detail

Formation	Top	Bottom	Treatment
Strawn	11,925	11,566	3000 gals 15% NEFE acid and ball sealers
Cisco-Canyon	11,143	11,152	Acidized w/1500 gals 15% NEFE & 24 balls
Cisco-Canyon	10,787	10,800	Acidized w/2300 gal 15% NEFE & 42 balls
Cisco Canyon	10,568	10,573	Acidized w/1500 gals 15% NEFE

**CONDITIONS OF APPROVAL
FOR PLUGGING AND ABANDONMENT
OCD - Southern District**

The following is a guide or checklist in preparation of a plugging program, this is not all inclusive and care must be exercised in establishing special plugging programs in unique and unusual cases, Notify NMOCD District Office I (Hobbs) at **(575)-263-6633** at least 24 hours before beginning work. After MIRU rig will remain on well until it is plugged to surface. OCD is to be notified before rig down.

Company representative will be on location during plugging procedures.

1. A notice of intent to plug and abandon a wellbore is required to be approved before plugging operations are conducted. A cement evaluation tool is required in order to ensure isolation of producing formations, protection of water and correlative rights. A cement bond log or other accepted cement evaluation tool is to be provided to the division for evaluation if one has not been previously run or if the well did not have cement circulated to surface during the original casing cementing job or subsequent cementing jobs. Insure all bradenheads have been exposed, identified and valves are operational prior to rig up.
2. Closed loop system is to be used for entire plugging operation. Upon completion, contents of steel pits are to be hauled to a permitted disposal location.
3. Trucking companies being used to haul oilfield waste fluids to a disposal - commercial or private- shall have an approved NMOCD C-133 permit. A copy of this permit shall be available in each truck used to haul waste products. It is the responsibility of the operator as well as the contractor, to verify that this permit is in place prior to performing work. Drivers shall be able to produce a copy upon request of an NMOCD Field inspector.
4. Filing a subsequent C-103 will serve as notification that the well has been plugged.
5. A final C-103 shall be filed (and a site inspection by NMOCD Inspector to determine if the location is satisfactorily cleaned, all equipment, electric poles and trash has been removed to Meet NMOCD standards) before bonding can be released.
6. If work has not begun within 1 Year of the approval of this procedure, an extension request must be file stating the reason the well has not been plugged.
7. Squeeze pressures are not to exceed 500 psi, unless approval is given by NMOCD.
8. Produced water will not be used during any part of the plugging operation.
9. Mud laden fluids must be placed between all cement plugs mixed at 25 sacks per 100 bbls of water.
10. All cement plugs will be a minimum of 100' in length or a minimum of 25 sacks of cement, whichever is greater. 50' of calculated cement excess required for inside casing plugs and 100% calculated cement excess required on outside casing plugs.
11. Class 'C' cement will be used above 7500 feet.
12. Class 'H' cement will be used below 7500 feet.
13. A cement plug is required to be set 50' above and 50' below, casing stubs, DV tools, attempted casing cut offs, cement tops outside casing, salt sections and anywhere the casing is perforated, these plugs require a 4 hour WOC and then will be tagged
14. All Casing Shoes Will Be Perforated 50' below shoe depth and Attempted to be Squeezed, cement needs to be 50' above and 50' Below Casing Shoe inside the Production Casing.
16. When setting the top out cement plug in production, intermediate and surface casing, wellbores should remain full at least 30 minutes after plugs are set
17. A CIBP is to be set within 100' of production perforations, capped with 100' of cement, WOC 4 hours and tag.
18. A CIBP with 35' of cement may be used in lieu of the 100' plug if set with a bailer. This plug will be placed within 100' of the top perforation, (WOC 4 hrs and tag).

- 19. No more than 3000' is allowed between cement plugs in cased hole and 2000' in open hole.
- 20. Some of the Formations to be isolated with cement plugs are: These plugs to be set to isolate formation tops
 - A) Fusselman
 - B) Devonian
 - C) Morrow
 - D) Wolfcamp
 - E) Bone Springs
 - F) Delaware
 - G) Any salt sections
 - H) Abo
 - I) Glorieta
 - J) Yates.

K) Potash---(In the R-111-P Area (Potash Mine Area),
 A solid cement plug must be set across the salt section. Fluid used to mix the cement shall be saturated with the salts that are common to the section penetrated and in suitable proportions, not more than 3% calcium chloride (by weight of cement) will be considered the desired mixture whenever possible, WOC 4 hours and tag, this plug will be 50' below the bottom and 50' above the top of the Formation.

21. If cement does not exist behind casing strings at recommended formation depths, the casing can be cut and pulled with plugs set at recommended depths. If casing is not pulled, perforations will be shot and cement squeezed behind casing, WOC and tagged. These plugs will be set 50' below formation bottom to 50' above formation top inside the casing.

DRY HOLE MARKER REQ.UIRMENTS

The operator shall mark the exact location of the plugged and abandoned well with a steel marker not less than four inches in diameter, 3' below ground level with a plate of at least ¼" welded to the top of the casing and the dry hole marker welded on the plate with the following information welded on the dry hole marker:

- 1. Operator name
- 2. Lease and Well Number
- 3. API Number
- 4. Unit letter
- 5. Quarter Section (feet from the North, South, East or West)
- 6. Section, Township and Range
- 7. Plugging Date
- 8. County

SPECIAL CASES -----AGRICULTURE OR PRARIE CHICKEN BREEDING AREAS

In these areas, a below ground marker is required with all pertinent information mentioned above on a plate, set 3' below ground level, a picture of the plate will be supplied to NMOCD for record, the exact location of the marker (longitude and latitude by GPS) will be provided to NMOCD (We typically require a current survey to verify the GPS)

SITE REMEDIATION DUE WITHIN ONE YEAR OF WELL PLUGGING COMPLETION

District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone:(575) 393-6161 Fax:(575) 393-0720

District II
 811 S. First St., Artesia, NM 88210
 Phone:(575) 748-1283 Fax:(575) 748-9720

District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV
 1220 S. St Francis Dr., Santa Fe, NM 87505
 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

COMMENTS

Action 115398

COMMENTS

Operator: Roughhouse Operating, LLC 1605 Addison Road Addison, TX 75001	OGRID: 330608
	Action Number: 115398
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

COMMENTS

Created By	Comment	Comment Date
plmartinez	DATA ENTRY PM	7/5/2022

District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone:(575) 393-6161 Fax:(575) 393-0720
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CONDITIONS
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	Action Number: 115398
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CONDITIONS

Created By	Condition	Condition Date
kfortner	See attached COA	6/27/2022