

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. 30-015-44489
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Freedom 36 State SWD
8. Well Number 1
9. OGRID Number 373619
10. Pool name or Wildcat SWD; Devonian-Silurian (97869)

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 SWD	
2. Name of Operator Blackbuck Resources	
3. Address of Operator 3200 Southwest Freeway, Suite 3400, Houston, TX 77027	
4. Well Location Unit Letter <u>M</u> ; <u>1300</u> feet from the <u>South</u> line and <u>660</u> feet from the <u>West</u> line Section <u>36</u> Township <u>24S</u> Range <u>36E</u> NMPM <u>Eddy</u> County	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3387 (GL)	

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"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
DOWNHOLE COMMINGLE <input type="checkbox"/>	P AND A <input type="checkbox"/>
CLOSED-LOOP SYSTEM <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>
OTHER: <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.

Blackbuck intends to perform the following operations on the SWD:

- Increase tubing size from 4.5-in to 5-in. 5-in tubing approved on Order SWD-2136.
- Install new packer within 100-ft of injection interval.
- Cleanout bottom-hole.

Spud Date:

04/28/2018

Rig Release Date:

06/10/2018

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

SIGNATURE _____ TITLE Regulatory Consultant DATE 06/21/2023

Type or print name Nathan Alleman E-mail address: nate.alleman@aceadvisors.com PHONE: 918-237-0559

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):



Blackbuck Resources

Freedom 36 State SWD #1 Workover Plan

Blackbuck Contacts:

Director of Operations: Don Gosh (325) 725-3325

Director of Engineering: Cameron Weddle (970) 819-5196

Operations Superintendent: Ted Norton (432) 813-2456

Senior Operations Foreman: Terry Ainsworth (575) 499-6484

Prepared by: Tylor Bond on 4/11/2023

Well Info:

Lease/Well: Freedom 36 State SWD 1

API: 30-015-44489

Location: 1300 FSL & 660 FWL, Sec. 36 Twp. 24S Rg.26E

Lat/Long: 32.1699688, -104.2529

County: Eddy, NM

Well Classification: Active Saltwater Disposal

Max Injection Pressure: 2,527 psi.

Ground level: 3,387'

KB: 3,413'

Total Depth: 13,575'

Permanent Packer Depth: 12,613'

Injection Zone: Devonian 12,635'-13,575'

Reason for Workover: Increase injection rate and decrease surface pressure needed to achieve injection volume desired and approved by the state of New Mexico ENMRD.



Current Last Cemented Casing								
Size (in.)	Weight (lbs./ft.)	Grade	Thread	OD (in.)	ID (in.)	Drift (in.)	Length (ft.)	Set Depth (ft)
7	29	TMK UP Ultra SF	BTC	7	6.184	6.059	12635	12635
Current Tubing In Hole								
4.5	12.6	25CR VAM	BTC	4.5	3.958	3.833	6887	6887
4.5	15.1	25CR VAM	BTC	4.5	3.826	3.701	5726	12613
Proposed Replacement Tubing								
5	18	HCL80 ICP-700	EZGO FJ3	5	4.276	4.151	12613	12613

Proposed Workover Plan:

1. Disassembly injection lines as needed to fit proper rig on location. LOTO all equipment, bleed pressure and ensure all lines are zero before removing any equipment.
2. Hookload of 5" tubing will be approximately 230,000 lbs. Rig should be rated for minimum with overpull and safety factor of 375,000 lbs.
3. MIRU rental/contract equipment:
 - a. Rig/Pulling unit
 - b. Housing for 24 hour personnel and safety
 - c. Any needed backyard rental equipment
4. Before each procedure ensure all crew members and personnel are aware of risks/hazards, proper safety meetings and coordination of plans.

Job Tasks:

1. Nipple down injection tree to master valve and nipple up 5k 7-1/16" BOP with blind rams, 4-1/2" pipe rams, and mud cross. Test BOP rams and valves.
2. Rig up wireline and RIH with retrievable 2.779" bridge plug and set inside packer profile.
3. Test tubing to 500 psi for 30 minutes, ensure plug is set. If pressure test is good and plug is set, bleed all lines down to static zero pressure.
4. Remove pack off and screw into 4-1/2" with landing joint. Release stinger from packer with ¼ turn to the right (clockwise).
5. Pull 12,600' +/- of 4-1/2" tubing and lay down. Ensure thread protectors on all tubing as it can be inspected and reused.
6. Once to stinger change seals and inspect. Lay down crossovers and any unneeded jewelry from VAMTOP tubing.
7. Close blind rams, remove 4-1/2" pipe rams and install 5" pipe rams. Test rams and door seals before running any tubing.
8. Make stinger up to 5" EZGO FJ3 with necessary crossover and run 12,613' +/- of 5" EZGO FJ3 18# internally coated tubing.
9. Sting into packer with full joint and mark set weight for space out pup joints.
10. Sting out of packer, reverse circulate 225 bbls of corrosion inhibitor and biocide into annulus.
11. Lay out single and pick up space out joints as needed.



12. Sting back into packer land out casing on tubing head and set pack off.
13. Ensure NMOCD representative is notified in time to verify H-5 casing test after landed.
14. RIH with wireline unit and retrieve bridge plug.
15. Rig down BOP and return all rental equipment.
16. Rig up injection tree and any lines from facility that had been disconnected.

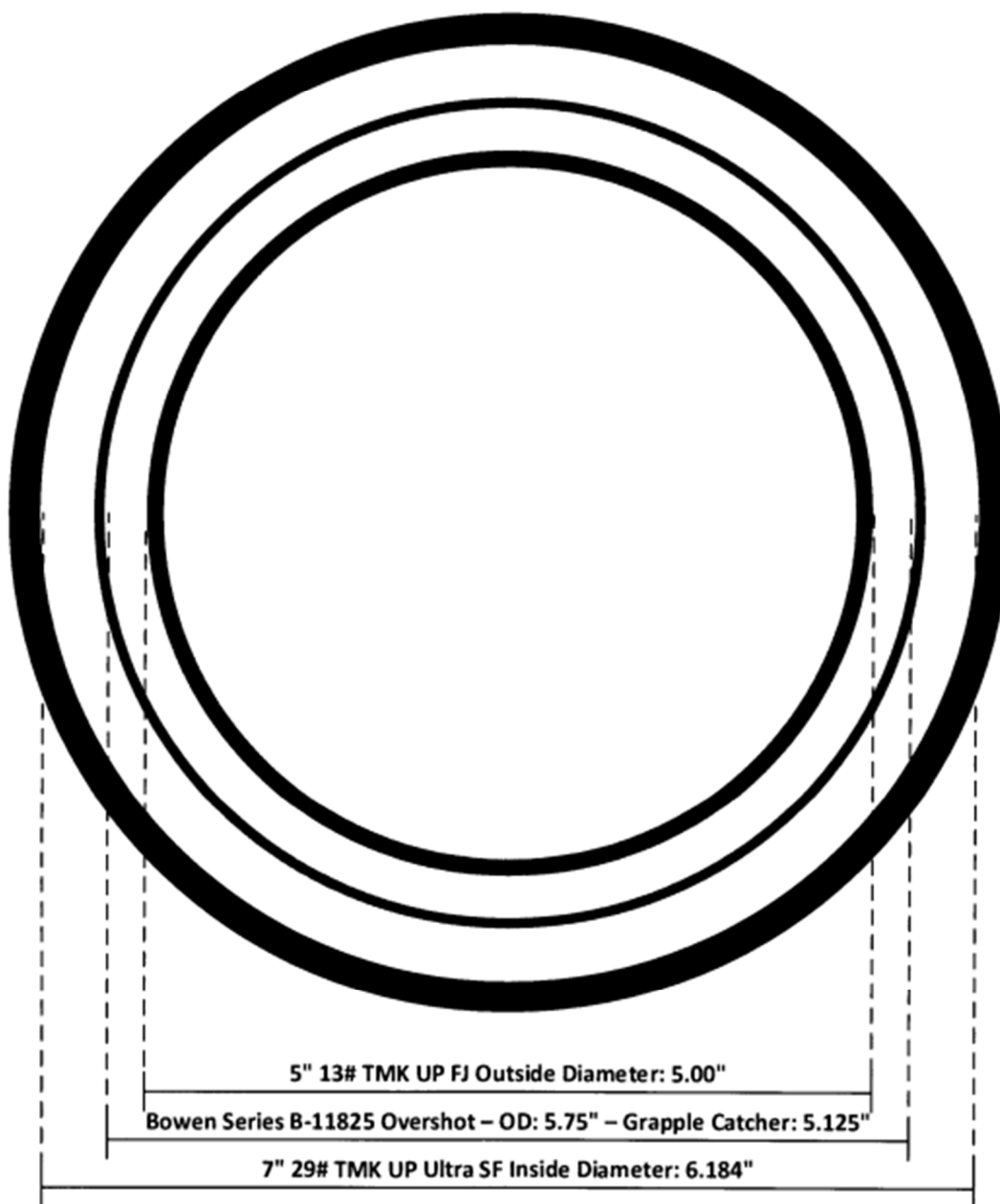
Final Review:

Before turning any power back on and/or injecting any fluid check all facility for LOTO, any maintenance that may have occurred may have left equipment unusable. Check all valve alignment, no spills or open-ended tubes that could cause spills, injury or environmental impact. Verify any and all operations to be conducted safely and efficiently due to the duration the well was down.



Fishability and Specs for Remedial Work:

Tubular Diagram Representing External Fishability of 5" 13# Flush Joint in 7" 29# Casing



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CONDITIONS

Action 230978

CONDITIONS

Operator: Blackbuck New Mexico LLC 3200 Southwest Freeway Houston, TX 77027	OGRID: 373619
	Action Number: 230978
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
mgebremichael	Surface injection pressure shall not exceed 2527 psi. Packer should be placed not more than 100 ft. above the top part of the injection zones (open hole).	7/14/2023