

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

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 INJECTION/SWD		WELL API NO. 30-015-45033
2. Name of Operator 3BEAR FIELD SERVICES, LLC		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
3. Address of Operator 1512 LARIMER ST., SUITE 540, DENVER, CO 80202		6. State Oil & Gas Lease No.
4. Well Location Unit Letter P : 1005 feet from the SOUTH line and 958 feet from the EAST line Section 23 Township 23S Range 26E NMPM EDDY County		7. Lease Name or Unit Agreement Name DARK CANYON SWD (322422)
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3252' GL		8. Well Number 1
		9. OGRID Number 372603
		10. Pool name or Wildcat SWD; DEVONIAN-SILURIAN

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

NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input checked="" type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> DOWNHOLE COMMINGLE <input type="checkbox"/> CLOSED-LOOP SYSTEM <input type="checkbox"/> OTHER: <input type="checkbox"/>		SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/> OTHER: <input type="checkbox"/>	
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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.

CASING DESIGN CHANGE:

- Changed from a 4 string design to a 3 string design with 6 1/8" open hole completion remaining the same.
- 13 3/8", 48#, J55 STC csg will now be set at 450' as requested in injection permit approval.
- IPC tubing will also changed from 4.5", 12.75#, P-110 w/Teflon ring to 5.5", 17#, HCL-80 LTC R3 ERW IPC 1850.
- Please see attached WBD for additional casing design changes.

*COA - per Santa Fe: 3Bear Field Service will run a CBL on 9 5/8" casing and provide results to District Office in Artesia prior to commencing injection. pfr.*

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 Jennifer Elrod TITLE SR. REGULATORY TECH DATE 12/12/2018

Type or print name JENNIFER ELROD E-mail address: jelrod@chisholmenergy.com PHONE: 817-953-3728

For State Use Only  
 APPROVED BY: Raymond W. Dodson TITLE Geologist DATE 12-13-18  
 Conditions of Approval (if any):



**Dark Canyon SWD 1**  
API # 30-015-45033

ft-RKB	Geological Tops	Wellbore Sketch	Hole Size	Casing	Drilling Fluids	Cement	Potential Mineral Bearing Formations
2,000'	1,920 Delaware		17-1/2"	Surface: 13-3/8" 48# J55 STC	FW Spud Mud 8.5 - 9.2 ppg 38 - 40 Vls 8 - 10 PV 8 - 10 YP	Top of Cement: Surface 14.8 ppg 1.34 cuft/sk 470 sks (100% XS)	
4,000'	5,260 Bone Spring		12-1/4"	Intermediate: 9-5/8" 40# L80HC BTC	Diesel/Brine Emulsion 8.7 - 8.9 ppg 28 - 32 Vls 1 - 3 PV 1 - 3 YP	Stage 1 Top of Lead: 1900' 11.5 ppg 3.65 cuft/sk 980 sks (100% XS) Top of Tail: 7,600' 14.8 ppg 1.33 cuft/sk 475 sks (100% XS) Stage 2 Top of Lead: Surface 11.5 ppg 3.66 cuft/sk 360 sks (200% XS) Top of Tail: 1400' 14.8 ppg 1.35 cuft/sk 350 sks (200% XS)	
8,000'	8,660 Wolfcamp		8-3/4"	Liner: 5/8" 39# P110 UFJ	7- Saturated Brine 10.0 - 12.0 ppg - 38 Viscosity 18 PV 12 YP 8 API Filtrate	Lead - Class H 12.7 ppg 10 - cuft/sk 8,400' (10%XS) Tail - Class H 14.5 ppg 1.23 cuft/sk TOC - 10,000' 230 Sks (10% XS)	1.98 TOC - 85 Sks
10,000'	10,360 Strawn		OH Completion	6-1/8"	Open Hole Completion	Cut Brine 8.9 - 9.2 ppg 29 - 30 Viscosity 1 - 3 PV 1 - 3 YP NC API Filtrate	
11,000'	11,010 Morrow						
12,000'							
13,000'							
14,000'							