



Tracie J Cherry
Regulatory Coordinator
XTO Energy Inc.
6401 Holiday Hill Road, Bldg 5
Midland, TX 79707
(432) 221-7379

APR 12 2019 PM02:01

April 10, 2019

Via certified mail #7018 1130 0001 5531 3838

Michael McMillian, Engineering Bureau
New Mexico Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

Case # 20460
MAY 2nd

RE: Blackbuck Resources LLC
Application for Authorization to Inject
Camille SWD Fed 1
Sec 17 T24S-R31E
Eddy County, New Mexico

Dear Mr. McMillan:

The referenced application dated March 20, 2019 was received in our office April 01, 2019. XTO Energy (XTO), as an affected party, objects to the referenced application for disposal into the Devonian and Silurian-Fusselman formations. The notice of application was addressed to Keystone OG NM LLC (Keystone) as an affected party. Keystone was merged into Thru Line O&G NM LLC and subsequently changed its name to XTO Delaware Basin, LLC

A copy of the application as sent by ALL Consulting is included with this protest. Blackbuck's proposed location could potentially impact XTO's proposed development activity in the area.

XTO requests to be notified of any further activity in regard to the application, including being provided with notice of any hearing scheduled. Should you have any questions, please do not hesitate to contact me or Michael Thompson at (432) 221-7357.

Sincerely,



Tracie J Cherry
Regulatory Coordinator

Attachments

cc: Michael Thompson
ALL Consulting

APR 12 2019 PM02:01



March 20, 2019

Keystone OG NM LLC
201 Main Street, Suite 2700
Midland, TX 79707

RECEIVED

APR 01 2019

LAND DEPARTMENT

Subject: Blackbuck Resource, LLC – Notice of Application for Authorization to Inject

To Whom It May Concern:

The purpose of this letter is to provide notice that Blackbuck Resources, LLC (Blackbuck) of Houston, Texas is applying for administrative approval of the Camille SWD Fed 1 Class IID injection well in Eddy County, New Mexico for the purpose of disposing of produced fluid from oil and natural gas wells into the Devonian-Silurian formations. Please see the attached Application for Authorization to Inject for detailed information regarding the proposed well and associated injection operations.

Any interested party may file an objection to the application or may request a public hearing. Any objection or request for hearing must be filled with the Oil Conservation Division, 1220 South St. Francis Dr., Santa Fe, New Mexico 87505 within 15 days from the date this letter is received.

Sincerely,
ALL Consulting

Dan Arthur, P.E., SPEC
President/Chief Engineer

Attachment

Application for Authorization to Inject
Well Name: Camille SWD Fed 1

General Well Information

Operator: Blackbuck Resources LLC
Lease Name & Well Number: Camille SWD Fed 1
Well Footage: 2,596' FSL & 1,471' FEL
Location: S17 T24S R31E
County: Eddy

Casing Information

Type	Hole Size	Casing Size	Casing Weight	Setting Depth	Sacks of Cement	Estimated TOG	Method Determined
Surface	24"	20"	133.0 lb/ft	835'	970	Surface	Circulation
Intermediate 1	14-3/4"	13-3/8"	68.0 lb/ft	4,340'	1,700	Surface	Circulation
Intermediate 2	12-1/4"	9-5/8"	53.5 lb/ft	13,260'	4,500	Surface	Circulation
Liner	8-1/2"	7-5/8"	39 lb/ft	16,225'	260	13,060'(TOL)	CBL

(The Wellbore Diagram is attached)

Tubing Information

4-1/2" (composite weight string) of fiberglass-coated tubing with setting depth of 16,205'

Packer Information Lok-set or equivalent packer set at 16,205'

Geology Information

Injection Formation Name: Devonian and Silurian-Fusselman formations

Injection Interval: Open-hole injection between 16,225' – 17,300'

Drilling Purpose: New Drill for Salt Water Disposal

Other Perforated Intervals: No other perforated intervals exist.

Overlying Oil and Gas Zones and Formation Tops:

- Delaware (4,340')
- Bone Springs (8,170')
- Wolfcamp (11,180')
- Atoka (13,380')
- Morrow (14,180')

Underlying Oil and Gas Zones: No underlying oil and gas zones exist.

Proposed Operation

Proposed Maximum Injection Rate: 30,000 bpd

Proposed Average Injection Rate: 15,000 bpd

Proposed Maximum Injection Pressure: 3,245 psi (surface)

Proposed Average Injection Pressure: approximately 1,500 – 2,000 psi (surface)

MUD LOGGING E LOGGING/ DIRECTIONAL	CASING SIZE (IN.) CEMENT (SACKS)	DEPTH MD TVD	BOPE	FORMATION	HOLE SIZE (IN.)	MUD WT.	FRAC GRAD	TUBING
					SET AND GROUTED			
	30"	120 / 120	OPEN		32"	8.8		
	GROUT TO SURFACE				24"	8.4		
	20" 133# J55 BTC	810 835 / 835		PERMIAN RUSTLER FM (USDW)				
	970 SACKS, CEMENTED TO SURFACE		26-3/4" -3M ANNULAR/DIVERTER			8.4 9.5		
	MUD LOGGING TO BEGIN AT 2500'				14 3/4"	9.5 to 10.0		
	13 3/8" 68# N-80 LTC	4,340 4,340 / 4,340		PERMIAN DELAWARE MTN. GROUP				
	1,700 SACKS, CEMENTED TO SURFACE		21-3/4" -5M ANNULAR 21-3/4" -5M BOP			10.0 9.4		
	DV TOOL AT ±3,300' IN 9 5/8" OPEN HOLE, ECP BELOW	8,170 11,180		PERMIAN BONE SPRING FM. PERMIAN WOLFCAMP FM.	12 1/4"	9.4 to 10.0		
	TOL	13,060 / 13,060						13,050
	9 5/8" 53.5# L-80 LTC	13,260 / 13,260		13-5/8" -10M ANNULAR 13-5/8" -10M BOP		10.0 12.5		
	4,500 SACKS, CEMENTED TO SURFACE IN TWO STAGES	13,260		PENNSYLVANIAN STRAWN FM.				
		13,380		PENNSYLVANIAN ATOKA FM.	8 1/2"	12.5 to 14.6		
		14,180		PENNSYLVANIAN MORROW FM.				
	7 5/8" 32# P110 ULTRA FJ	16,225 16,225 / 16,225		DEVONIAN		LOK-SET PACKER (OR EQUIV.) AT 16,205'		
	260 SACKS, EST. TOC 13,060' BACK UP INTO THE 9 5/8" CASING (VERIFIED WITH RADIAL CEMENT BOND LOG)		13-5/8" -10M ANNULAR 13-5/8" -10M BOP			14.6		16,205'
RUN #1 GR/NEUTRON 17,400 - 0 USIT/CBL 16,225 - 0	DUAL 0"	17,300 TD 17,400 / 17,400	13-5/8" -10M ANNULAR 13-5/8" -10M BOP	Base of FUSSELMAN FM	6 1/2"	9.0		

CAMILLE FED SWD 1

SECTION 17, T-24-S, R-31E
2,596' FSL & 1,471' FEL
EDDY COUNTY, NEW MEXICO

PN # 1680.NM.00

NOVEMBER 2018



SIZE

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SCALE

NTS

ALLCONSULTING

GOVERNMENT RELATIONS ENERGY PLANNING TECHNOLOGY
ENGINEERING ENVIRONMENTAL

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WELL BORE DATA SHEET