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State of New Mexico

Form C-103

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) 476-3466
1220 S. St. Francis Dr., Santa Fe, NM 87505

Energy, Minerals and Natural Resources

Revised July 18, 2013

NOV 14 2019

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

DISTRICT IV - ARTESIA O.C.D.

WELL API NO. 30-015-44330
5. Indicate Type of Lease STATE [X] FEE []
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name DARK CANYON 22 WCA
8. Well Number 5H
9. OGRID Number 372137
10. Pool name or Wildcat PURPLE SAGE, WOLFCAMP (98220)
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3305 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 CHISHOLM ENERGY OPERATING, LLC
3. Address of Operator 801 CHERRY STREET, SUITE 1200-UNIT 20 FORT WORTH, TX 76102
4. Well Location Unit Letter B : 125 feet from the NORTH line and 2070 feet from the EAST line Section O Township 23S Range 26E NMPM County EDDY
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3305 GR

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

NOTICE OF INTENTION TO:

- PERFORM REMEDIAL WORK [] PLUG AND ABANDON []
TEMPORARILY ABANDON [] CHANGE PLANS [X]
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.

SHL CHANGE
FROM: 125 FNL & 2070 FEL
TO: 230 FNL & 640 FWL

NAME CHANGE
FROM: DARK CANYON 22 WCA
TO: DARK CANYON 15-22 WCA STATE COM 326339

SHL UNIT LETTER AND SECTION
FROM: B; SECT. 22
TO: D; SECT. 15

PROPOSED TOTAL DEPTH
FROM: 13389'
TO: 16265'

BHL UL CHANGE
FROM: O
TO: F

ELEV CHANGE
FROM: 3305 GR
TO: 3325 GR

BHL CHANGE
FROM: 330 FSL & 230 FEL
TO: 2190 FNL & 1810 FEL

Please see attached documents for casing design changes. All changes are noted in red.

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 ANALYST DATE 11/12/2019

Type or print name JENNIFER ELROD E-mail address: JELROD@CHISHOLMENERGY.COM PHONE: 817-953-3728

For State Use Only

APPROVED BY: Raymond W. Rodary TITLE Geologist DATE 11-18-19
Conditions of Approval (if any):

CASING DESIGN CHANGE

DARK CANYON 15-22 WCA STATE COM 5H (30-015-44330)

		CSG WT/FT	SET DEPTH	SXS CMNT	EST TOC
SURFACE	FROM	54.5	400	530	
	TO	48	500	525	
INTERMEDIATE	FROM	40	5200	2935	
	TO	36	1950	585	
PRODUCTION	FROM	17	13380	2317	4200
	TO	20	16265	2310	0

Dark Canyon 15-22 WCA 5H

API # 30-015-xxxxx

Updated: 10/04/2019

TVD ft-RKB	Geological Tops	Wellbore Sketch	Hole Size	Casing	Drilling Fluids	Cement	OH Evaluation/Logs
500	498 Castile		17-1/2"	Surface: 13-3/8" 48# J55 STC	FW Spud Mud 8.4 - 9.4 ppg 32 - 34 Vis	Top of Cement: Surface 14.8 ppg 1.34 cuft/sk 525 sks - 100% XS	
1,000							
2,000	1,912 Delaware Mtn Grp		12-1/4"	Intermediate: 9-5/8" 36# J55 LTC	Brine 10.0 ppg 28 Vis	Top of Lead: Surface 11.5 ppg 2.70 cuft/sk 340 sks - 200% XS Top of Tail: 1,450' 14.4 ppg 1.28 cuft/sk 245 sks - 200% XS	
3,000							
4,000							
5,000	5,195 Bone Spring		8-3/4"	Production: 5-1/2" 20# P110 BTC	Curve & Lateral OBM 8.9 - 9.1 ppg 50 - 70 Vis 75/25 OWR	Top of Lead: Surface 11.3 ppg 2.91 cuft/sk 585 sks - 10% XS Top of Tail: 6,100' 13.2 ppg 1.61 cuft/sk 1,725 sks - 10% XS	
6,000	6,121 1st Bone Sprg SS		8-1/2" Lateral				
7,000	6,601 2nd Bone Sprg SS						
8,000	8,285 3rd Bone Sprg SS						
8,684	Wolfcamp						
8,774	WCA Top						
8,813	WCA Base						
9,000							
							16,265' MD 8,817' TVD