

State of West Virginia
Department of Environmental Protection - Office of Oil and Gas
Well Operator's Report of Well Work

API 47-085-10399 County RITCHIE District UNION
 Quad AUBURN Pad Name DD OIL DRILCO 2020 2H Field/Pool Name AUBURN/BIG RUN
 Farm name KENSLER Well Number DRILCO 2019 1H
 Operator (as registered with the OOG) DD OIL CO
 Address PO BOX 385 City GRANTSVILLE State WV Zip 26147

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey
 Top hole Northing 217189 Easting 1610262
 Landing Point of Curve Northing 217098 Easting 1610817
 Bottom Hole Northing 215644 Easting 1611993

Elevation (ft) 1216 GL Type of Well New Existing Type of Report Interim Final
 Permit Type Deviated Horizontal Horizontal 6A Vertical Depth Type Deep Shallow
 Type of Operation Convert Deepen Drill Plug Back Redrilling Rework Stimulate
 Well Type Brine Disposal CBM Gas Oil Secondary Recovery Solution Mining Storage Other _____
 Type of Completion Single Multiple Fluids Produced Brine Gas NGL Oil Other _____
 Drilled with Cable Rotary

Drilling Media Surface hole Air Mud Fresh Water Intermediate hole Air Mud Fresh Water Brine
 Production hole Air Mud Fresh Water Brine
 Mud Type(s) and Additive(s)
BENNONITE CLAY GEL

Date permit issued MARCH 26, 2020 Date drilling commenced 09/16/2020 Date drilling ceased 09/24/2020
 Date completion activities began 07/16/2021 Date completion activities ceased 07/16/2021
 Verbal plugging (Y/N) NONE Date permission granted N/A Granted by N/A

Please note: Operator is required to submit a plugging application within 5 days of verbal permission to plug

Freshwater depth(s) ft NONE Open mine(s) (Y/N) depths NONE
 Salt water depth(s) ft NONE Void(s) encountered (Y/N) depths NONE
 Coal depth(s) ft NONE Cavern(s) encountered (Y/N) depths NONE
 Is coal being mined in area (Y/N) NO

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Reviewed by:

Jean Kohlhaas
3/24/2023

03/24/2023

WR-35
Rev. 8/23/13

API 47-085 - 10399 Farm name KENSLER Well number DRILCO 2019 1H

CASING STRINGS	Hole Size	Casing Size	Depth	New or Used	Grade wt/ft	Basket Depth(s)	Did cement circulate (Y/N) * Provide details below*
Conductor	20"	16"	20'	NEW	H/40 65 LB FT	1 BASKET AT SURFACE	YES
Surface	15"	11 3/4"	379'	NEW	H/40 42 LB FT	1 BASKET AT SURFACE	YES
Coal	NONE						
Intermediate 1	10 5/8"	8 5/8"	1585'	NEW	J55 24 LB FT	1 BASKET AT SURFACE	YES
Intermediate 2	NONE						
Intermediate 3	NONE						
Production	7 7/8"	4 1/2"	5399'	NEW	P110 13.5 LB FT	1 BASKET AT SURFACE	YES
Tubing	NONE						
Packer type and depth set							

Comment Details

HORIZONTAL MULTI-STAGE FRAC APPROX 13 STAGES. WAS STOPPED VIA CEASE AND DESIST ORDER WRITTEN 07/16/2021.

CEMENT DATA	Class/Type of Cement	Number of Sacks	Slurry wt (ppg)	Yield (ft ³ /sks)	Volume (ft ³)	Cement Top (MD)	WOC (hrs)
Conductor	CLASS A	26 SAKS	15.6 LBS	1.18	30.7 FT	5.5 BBLS	8 HRS
Surface	CLASS A	235 SAKS	15.6 LBS	1.18	277 FT	49.4 BBLS	8 HRS
Coal	NONE	NONE	NONE	NONE	NONE	NONE	NONE
Intermediate 1	CLASS A	390 SAKS	15.6 LBS	1.18	366 FT	82 BBLS	8 HRS
Intermediate 2	NONE	NONE	NONE	NONE	NONE	NONE	NONE
Intermediate 3	NONE	NONE	NONE	NONE	NONE	NONE	NONE
Production	CLASS A	955 SAKS	15.6 LBS	1.18	874 FT	201 BBLS	8 HOURS
Tubing							

Drillers TD (ft) 5425' Loggers TD (ft) 5425'

Deepest formation penetrated WEIR SAND Plug back to (ft) NONE

Plug back procedure NONE

Kick off depth (ft) 1716'

Check all wireline logs run caliper density deviated/directional induction neutron resistivity gamma ray temperature sonic

Well cored Yes No Conventional Sidewall Were cuttings collected Yes No

DESCRIBE THE CENTRALIZER PLACEMENT USED FOR EACH CASING STRING ONE CENTRALIZER PLACED EVERY 160'
TOTAL OF 33 CENTRALIZERS.

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WAS WELL COMPLETED AS SHOT HOLE Yes No DETAILS MAR 15 2023

WAS WELL COMPLETED OPEN HOLE? Yes No DETAILS WV Department of Environmental Protection

WERE TRACERS USED Yes No TYPE OF TRACER(S) USED

03/24/2023



DRILCO OIL AND GAS
—drilcooilgas.com—

LITHOLOGY

Pad 2: UNION DISTRICT, RITCHIE COUNTY, WEST VIRGINIA

DRILCO 2019 #1H (API 047-085-10399)

The ground level elevation at this location is 1216 feet. The formation tops for the DRILCO wells are:

SOIL	0
SOPE STONE	10
SAND	30
RED ROCK	60
SAND	80
RED ROCK	90
SLATE & SHELLS	130
SAND	160
RED ROCK	175
SLATE & SHELLS	195
SAND	250
SLATE & SHELLS	268
RED ROCK	315
SAND	335
SLATE	363
RED ROCK	415
SLATE	495
GRITTY LIME	615
SLATE	637
RED ROCK	660
SLATE & SHELLS	775
RED ROCK	875
SLATE	900
SAND	980
SLATE & SHELLS	1035
SAND	1200
SLATE & SHELLS	1245
SAND	1266
SLATE & SHELLS	1290

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SANDY LIME	1360
SLATE & SHELLS	1410
SAND	1525
SLATE	1550
SAND	1605
SLATE AND SHELLS	1650
SANDY LIME	1720
SAND	1735
SLATE AND SHELLS	1755
RED LIME	1830
SAND	1863
SLATE	1876
SALT SAND:	1895
LITTLE LIME:	2100
BIG LIME:	2147
BIG INJUN:	2207
BIG INJUN BASE:	2276
WEIR:	2416
WEIR BASE:	2549

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