

WR-35  
Rev. 8/23/13

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

API 47 - 085 - 10401 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 2020 2H  
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 217209 Easting 1610205  
Landing Point of Curve Northing 216781 Easting 1609788  
Bottom Hole Northing 215212 Easting 161056

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

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Date permit issued MARCH 26, 2020 Date drilling commenced 08/06/2020 Date drilling ceased 09/02/2020  
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

Reviewed by:  
*J. Scott Roddeheaver*  
03/24/2023

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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"	378'	NEW	H/40 42 LB FT	1 BASKET AT SURFACE	YES
Coal	NONE						
Intermediate 1	10 5/8"	8 5/8"	1707'	NEW	J55 24 LB FT	1 BASKET AT SURFACE	YES
Intermediate 2	NONE						
Intermediate 3	NONE						
Production	7 7/8"	4 1/2"	5416'	NEW	P110 13.5 LB FT	1 BASKET AT SURFACE	YES
Tubing	NONE						
Packer type and depth set							

Comment Details RUN 4 1/2" TO 6692'. BRIDGE PLUG SET 5634'. 4-STAGE FRAC FROM 5600' UP, IN THE DEVONIAN SECTIONS.  
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 <sup>3</sup> /sks)	Volume (ft <sup>3</sup> )	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	378 SAKS	15.6 LBS	1.18	295 FT	52.5 BBLS	8 HRS
Coal	NONE	NONE	NONE	NONE	NONE	NONE	NONE
Intermediate 1	CLASS A	400 SAKS	15.6 LBS	1.18	472 FT	84 BBLS	8 HRS
Intermediate 2	NONE	NONE	NONE	NONE	NONE	NONE	NONE
Intermediate 3	NONE	NONE	NONE	NONE	NONE	NONE	NONE
Production	CLASS A	1030 SAKS	15.6 LBS	1.18	1215 FT	216 BBLS	8 HOURS
Tubing							

Drillers TD (ft) 5416' Loggers TD (ft) 5416'  
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 180' THROUGH LATERVAL  
TOTAL OF 33 CENTRALIZERS.

WAS WELL COMPLETED AS SHOT HOLE  Yes  No DETAILS

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WAS WELL COMPLETED OPEN HOLE?  Yes  No DETAILS

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

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## LITHOLOGY

Pad 2: UNION DISTRICT, RITCHIE COUNTY, WEST VIRGINIA

### DRILCO 2020 #2H (API 047-085-10401)

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

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SLATE & SHELLS	1290
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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