

WR-35
Rev (9-11)

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

DATE: 10-15-2019
API #: 47-085-10388

RECEIVED
Office of Oil and Gas

FEB 10 2020

WV Department of
Environmental Protection

Farm name: KENSLE, SAMUEL AND BARBARA

Operator Well No.: DRILCO 2018 1H

LOCATION: Elevation: 1,245

Quadrangle: BURNTHOUSE 7.5

District: UNION County: RITCHIE
Latitude: 39 Feet South of 05 Deg. 07 Min. 8 Sec.
Longitude 82 Feet West of 52 Deg. 35.3 Min. 420 Sec.

Company: DALE, DAVID dba DD OIL CO


Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
PO BOX 385 GRANTSVILLE, WV 26147				
Agent: HUGH DALE	16"	20 FT	20 FT	35 CU FT
Inspector: MIKE GOFF				30 SAKS
Date Permit Issued: 10-19-2018	13 3/8"	435.60	435.60	302 CU FT
Date Well Work Commenced: 03-07-2019				333 SAKS
Date Well Work Completed: 03-11-2019	9 5/8"	1699.20	1699.20	679 CU FT
Verbal Plugging: N/A				575 SAKS
Date Permission granted on: N/A	4 1/2	4335.40	4335.40	1113 FT
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				943 SAKS
Total Vertical Depth (ft): 1,875				
Total Measured Depth (ft): 4,350				
Fresh Water Depth (ft.): NONE ENCOUNTERED				
Salt Water Depth (ft.): NONE				
Is coal being mined in area (N/Y)? NO				
Coal Depths (ft.): NONE				
Void(s) encountered (N/Y) Depth(s) NONE				

OPEN FLOW DATA (If more than two producing formations please include additional data on separate sheet)

Producing formation WEIR Pay zone depth (ft)
Gas: Initial open flow 1550 MCF/d Oil: Initial open flow 150 Bbl/d
Final open flow MCF/d Final open flow Bbl/d
Time of open flow between initial and final tests 24 Hours
Static rock Pressure 1100 psig (surface pressure) after 800 Hours

Second producing formation Pay zone depth (ft)
Gas: Initial open flow MCF/d Oil: Initial open flow Bbl/d
Final open flow MCF/d Final open flow Bbl/d
Time of open flow between initial and final tests Hours
Static rock Pressure psig (surface pressure) after Hours

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and all the attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information I believe that the information is true, accurate, and complete.


Signature

10-15-2019
Date

10/29/2021

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Were core samples taken? Yes _____ No **X** _____

Were cuttings caught during drilling? Yes **X** _____

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list _____
WRITTEN FROM SAMPLES - DRILLER'S LOG

NOTE: IN THE AREA BELOW PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.

Perforated Intervals, Fracturing, or Stimulating:

DRILLED HORIZONTAL LATERAL THRU WEIR SANDSTONE
KOP 10 DEGREES/100 FOOT BUILD RATE TO LAND IN THE HORIZONTAL PORTION OF THE FORMATION.
MD 2442. TVD BEGAN 90.20 DEGREE LATERAL PLUG AND PERFORATION
KOP BEGAN 1819 TVD TO 2442

Plug Back Details Including Plug Type and Depth(s):

PLUG BACK FROM 6790. BRIDGE PLUG SET AT 5,700 (PLUGGED BACK FROM 6790)

Producing Formation
Formations Encountered: **WEIR** Top Depth **2,400, 2,650** Bottom Depth
Surface:

8-STAGE FRAC, 500 GALLONS, 15% HC ACID PER STAGE.
50,000 LBS 20/40 MESH FRAC-SAND. 60 BARRELS PER MINUTE PUMP RATIO SLICK WATER.
SET BRIDGE PLUGS AT 1) 4210 2) 4000 3) 3750 4) 3500 5) 3250 6) 3050 7) 2850

1st Stage	pump thru toe shoe
2nd Stage	5-shot cluster (25 ft) 4027-4210
3rd Stage	5-shot cluster (25 ft) 3775-3975
4th Stage	5-shot cluster (25 ft) 3526-3725
5th Stage	5-shot cluster (25 ft) 3275-3500
6th Stage	5-shot cluster (25 ft) 3075-3250
7th Stage	5-shot cluster (25 ft) 2875-3050
8th Stage	5-shot cluster (20 ft) 2675-2826