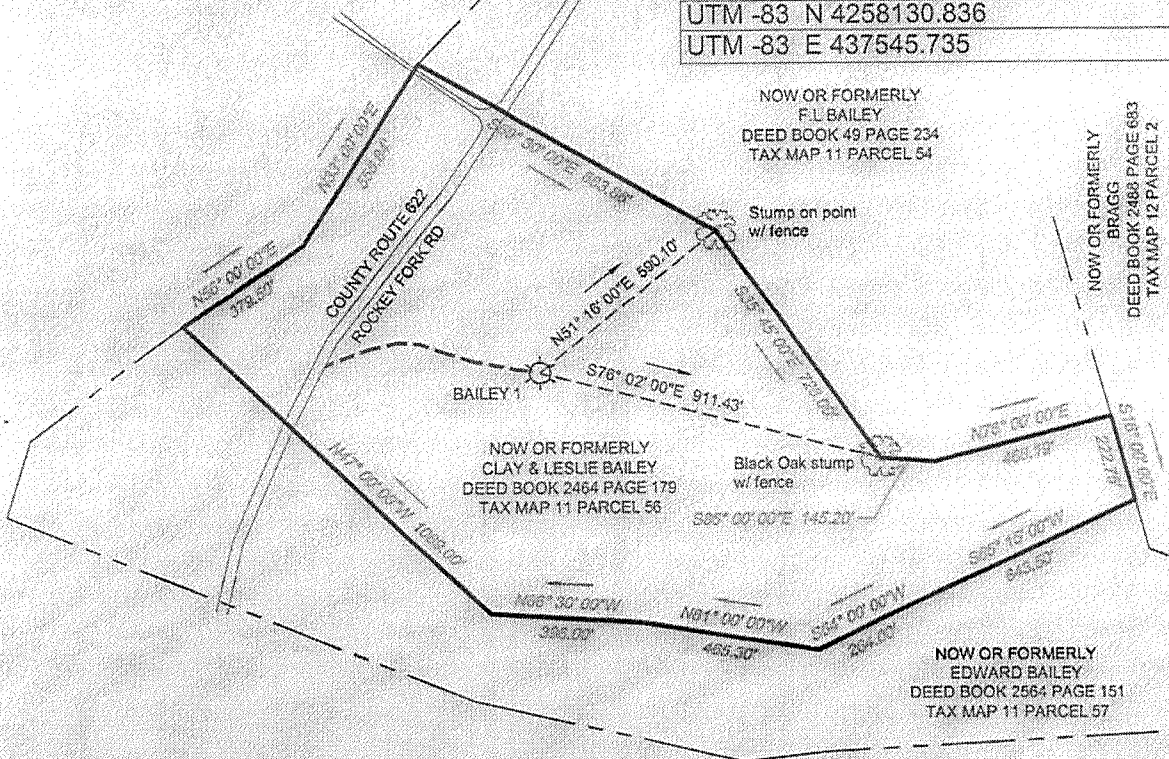


WV SOUTH ZONE
GRID SOUTH

GEO. NAD 27 LAT. 38.4692176
GEO. NAD 27 LONG. 81.7160778
GEO. NAD 83 LAT. 38.4693106
GEO. NAD 83 LONG. 81.71592817
STATE PLANE 27 N 535778.891
STATE PLANE 27 E 1794983.661
STATE PLANE 83 N 535824.2061
STATE PLANE 83 E 1763531.9390
UTM -27 N 4257913.849
UTM -27 E 437531.024
UTM -83 N 4258130.836
UTM -83 E 437545.735



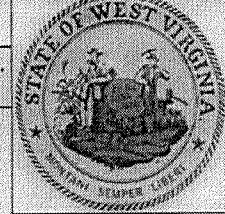
11221



JEFFERY L. SNYDER PS 2238

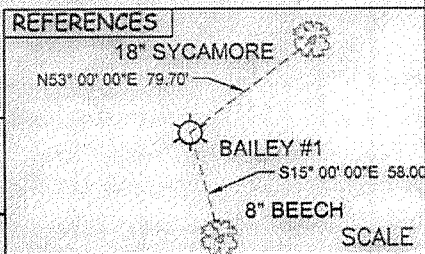
(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PERSCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.



STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

White Brothers Consulting LLC
447 call road suite 216
Charleston, WV 25312



Jeffery L. Snyder PS #2238

DATE 9-19-13

OPERATOR'S WELL# Cassie Bailey

API WELL # 47 - 39 - 02160 R

STATE COUNTY PERMIT

LOCATION: ELEVATION 650 WATERSHED Waters of Pocatalico river DISTRICT Union COUNTY Kanawha

STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___

(IF "GAS") PRODUCTION X STORAGE ___ DEEP X SHALLOW ___

SURFACE OWNER Clay & Leslie Bailey ACREAGE 32.5 ACRES +/-

OIL & GAS ROYALTY OWNER Clay & Leslie Bailey LEASE ACREAGE 32.5 ACRES +/-

PROPOSED WORK: DRILL ___ CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___

STIMULATE X PLUG OFF OLD FORMATION X PERFORATE NEW FORMATION ___ PLUG & ABANDON ___

CLEAN OUT & REPLUG ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) ___

TARGET FORMATION ORISKANY SAND ESTIMATED DEPTH 5,345

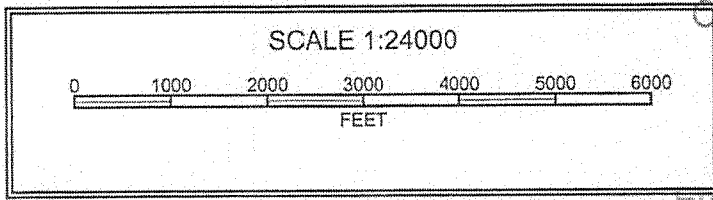
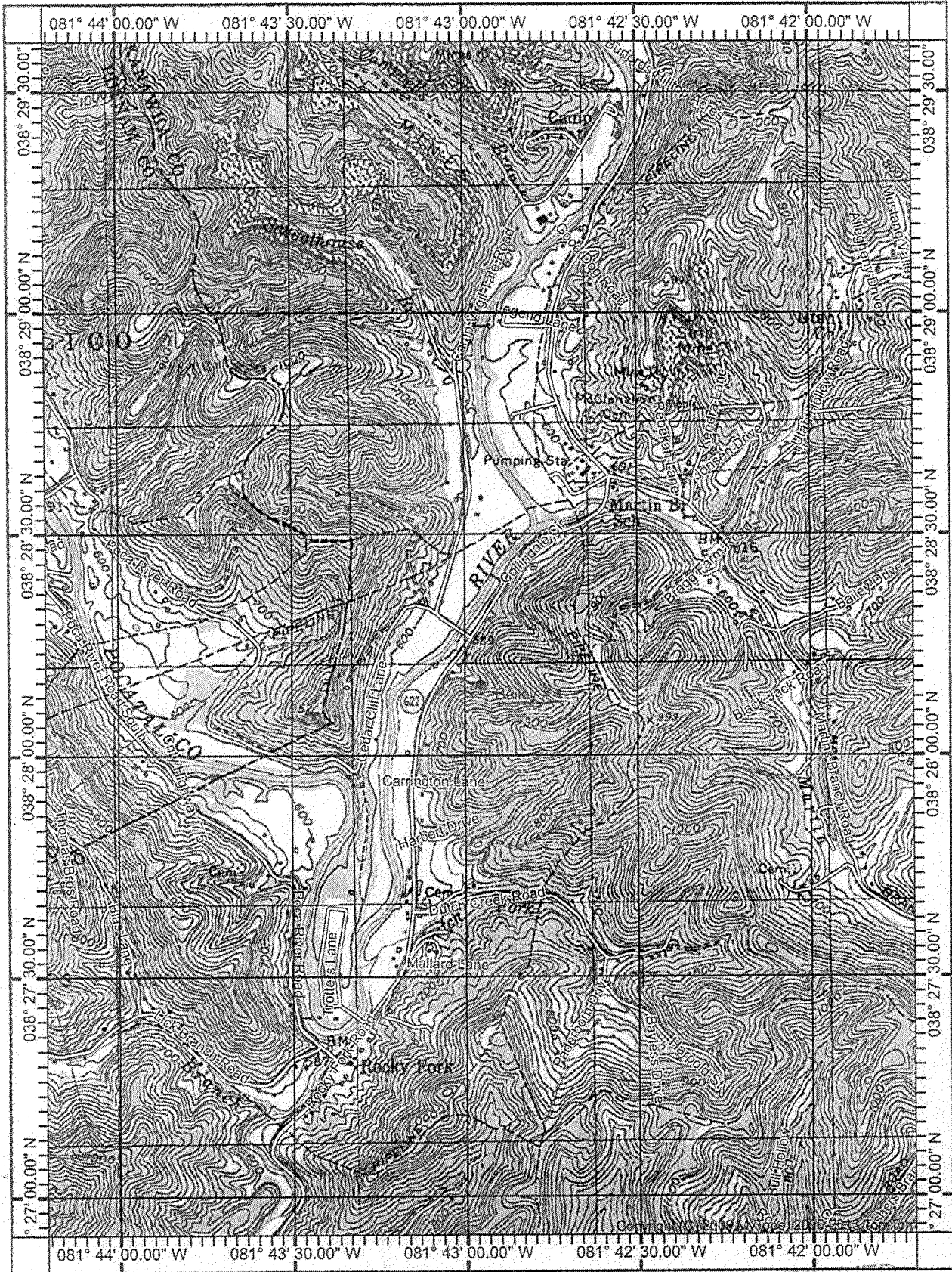
WELL OPERATOR Viking Energy, Inc. DESIGNATED AGENT Michael Pinkerton

ADDRESS P.O. Box 13366 ADDRESS P.O. Box 13366

Sissonville, WV 25360 Sissonville, WV 25360

COUNTY NAME PERMIT

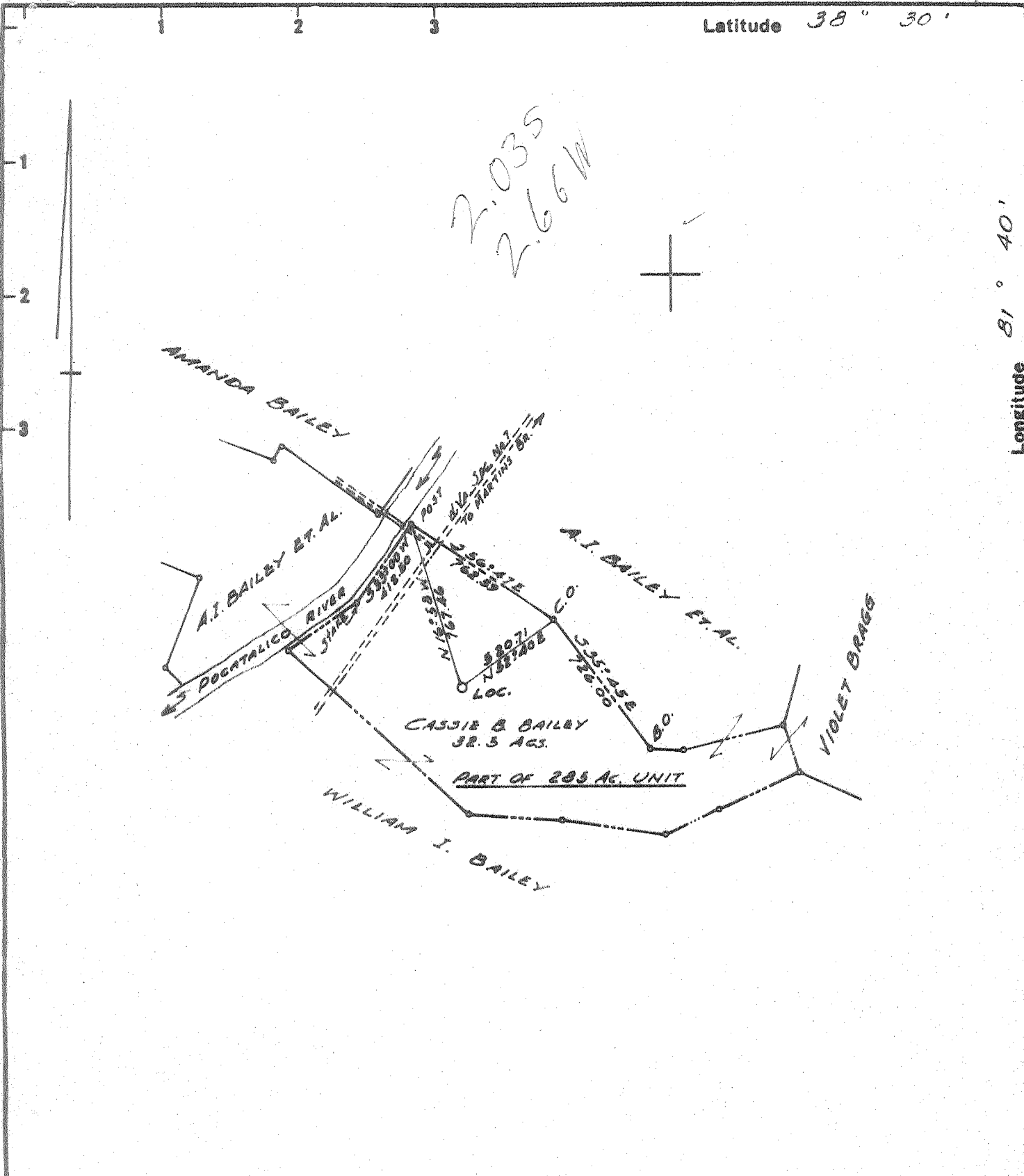
39 02160 R DE



RECEIVED
Office of Oil and Gas
OCT 15 2013
WV Department of
Environmental Protection

Latitude 38° 30'

Longitude 81° 40'



- Fracture
- Before 6/5/27
- New Location
- Drill Deeper
- Redrill
- Abandonment

I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by Paragraph 5 of the Rules and Regulations of the Oil and Gas Section of the Mining Laws of West Virginia.

The accuracy of this survey is within the limits and as prescribed in paragraph 5 by the Oil and Gas Division of the Department of Mines Regulations.

PROVEN ELEVATION U.S.G.S. B.M. ELEV. 387 AT Rocky Fork

Company J. L. TRITTIPO, INC.
 Address 111 NELSON BLDG, CHARLESTON, W.V.
 Farm CASSIE B. BAILLY
 Tract _____ Acres 32.5 (unit) Lease No. _____
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 650.40'
 Quadrangle CHARLESTON NW
 County KANAWHA District UNION
 Engineer W. F. Slepton
 Engineer's Registration No. 1832
 File No. _____ Drawing No. _____
 Date 7-2-67 Scale 1" = 1320'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP
 FILE NO. KAN-2160

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500 latitude and longitude lines being represented by border lines as shown.

- Denotes one inch spaces on border line of original tracing.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

- Rotary
- Spudder
- Cable Tools
- Storage

Quadrangle Charleston
Permit No. Kan. 2160

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company J. L. Trittipo
Address Nelson Bldg. Charleston, West Va.
Farm Cassie B. Bailey (Unit) Acres 285
Location (waters) Pocatalico River
Well No. 1 Elev. 650.40
District Union County Kanawha
The surface of tract is owned in fee by C. B. Bailey
Charleston, West Virginia Address Box 10024
Mineral rights are owned by Same Address Same

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13 3/8	84	84	Cemented 45 sacks
10			Size of
8 1/4 5/8	1777	1777	Cemented 475 - sacks
6 5/8			Depth set
5 3/16 1/2	5327	4327	
4 1/2			
3			Perf. top
2			Perf. bottom
Lines Used			Perf. top
			Perf. bottom

Drilling commenced 8-24-67
Drilling completed 9-12-67
Date Shot From To
With
Open Flow /10ths Water in Inch
/10ths Merc. in Inch
Volume 8,600,000 MCF Cu. Ft.
Rock Pressure 2040 psi lbs. 72 hrs.
Oil bbls. 1st 24 hrs.
WELL ACIDIZED (DETAILS)
WELL FRACTURED (DETAILS)

Attach copy of cementing record.
CASING CEMENTED 5 1/2 SIZE 1150 No. Ft. 8-30-67 Date
Amount of cement used (bags) 200
Name of Service Co. Dowell
COAL WAS ENCOUNTERED AT FEET INCHES
FEET INCHES FEET INCHES
FEET INCHES FEET INCHES

RESULT AFTER TREATMENT (Initial open Flow or bbls.)
ROCK PRESSURE AFTER TREATMENT HOURS
Fresh Water 128 Feet Salt Water 1050 Feet
Producing Sand Newburg Depth 5416

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Sand & Shale			0	55			
Sand			55	83			
Sand & Shale			83	128	Water	120	
Shale & Sand			128	469			
Shaley Sand			469	528			
Shale			528	540			
Sand & Shale			540	1016			
Shale & Sand (Sack)			1016	1053	Soft Water	1050	
Sand			1053	1462			
Shaley Sand			1462	1475			
Sand			1475	1512			
Shaley Sand			1512	1553			
Lime			1553	1625			
Shale			1625	1679			
Sand & Shale			1679	1777			
Shale			1777	2111			
Shale & Lime			2111	2451			
Shale			2451	4572			
Lime			4572	4950			
Lime & Dolomite			4950	5145			Onondaga
Lime			5145	5315	Gas - Salina?		
Lime & Shale			5315	5345			
Lime			5345	5416	Gas	5416	Newburg
Sand - Newburg			5416	5422			
Total Depth			5422				

