

New Location .. REVISED
 Drill Deeper
 Abandonment

Company TIDEWATER OIL CO.
 Address P.O. BOX 243, ROBINSON, ILL.
 Farm U. S. FOREST SERVICE
U.S.F.S. Tracts 120 & 357 and M.J. Alderman
 Tract Unitized Acres 640 Lease No. BLM-A017123
 Well (Farm) No. 1 Revised Serial No. 51531
 Elevation (Spirit Level) 3492.57' ground
 Quadrangle MARLINTON - E.C. Marlinton 7.5
 County Pocahontas District Huntersville
 Engineer A.C. Hillert
 Engineer's Registration No. 2534
 File No. _____ Drawing No. _____
 Date Oct. 29, 1962 Scale 1" = 1320'

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

WELL LOCATION MAP
 FILE NO. POCA-21-REVISED

+ 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.

K&E 156 IMPERIAL TRACING CLOTH T.M. 66737 29-K
 Samples 18' - 650'; 1360' - 10,208'; 10270' - 11,918' Deep Well 1-0-0



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 19

Quadrangle Marlinton

Permit No. POCA-21

WELL RECORD

Oil or Gas Well Dry Hole
(KIND)

Company Tidewater Oil Company
Address Box 243, Robinson, Illinois
Farm U.S. Forest Service Tract #357 Acres 640 Acre Unit
Location (waters) _____
Well No. Unit Well #1 USFS TR. #357 Elev. 3492.57
District Hunterville County Pocahontas
The surface of tract is owned in fee by U.S. Dept. of Interior, U.S.F.S. Address Washington, D. C.
Mineral rights are owned by U.S. Dept. of Interior B.L.M. Address Washington, D. C.
Drilling commenced November 6, 1962
Drilling completed August 14, 1963
Date Shot _____ From _____ To _____
With Dry Hole - T.D. 11,918 Ft. Driller
T.D. 11,932 Ft. Schl.
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED _____
WELL FRACTURED _____

Casing and Tubing	Used in Drilling	Left in Well	Sacks Cementing Record
Size <input checked="" type="checkbox"/>			
20"	66.41'	66.41'	Cemented 90 Sacks Top of Casing
18-3/8"	1,358'	1,358'	Cemented 650 Sacks
14 9-5/8"	5,803.78'	5,000'	Cemented 1110 Sacks
8 7/8"	10,224'	2,224'	Cemented 400 Sacks
6 1/2"			Depth set _____
5 3/16"			
3"			Perf. top _____
2"			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____

COAL WAS ENCOUNTERED AT No FEET Coal INCHES

FEET _____ INCHES FEET _____ INCHES

FEET _____ INCHES FEET _____ INCHES

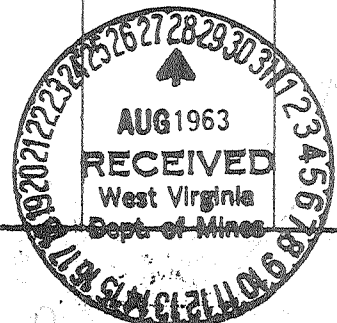
RESULT AFTER TREATMENT _____

ROCK PRESSURE AFTER TREATMENT _____

Fresh Water _____ Feet _____ Salt Water _____ Feet _____

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Sand & Shale	Gray	Soft	Surface	137			
Sand	Red	Hard	137	284			
Sand ^{fine}	White	Hard	284	564			
Shale	Gray	Soft	564	650			
No Returns	-	-	650	1360			
Sand & Shale	Gray	Soft	1360	1390			
Sand	White	Hard	1390	1508	SG	1506	
Sand	Red	Hard	1508	1590			
Shale & Sand	Red	Soft	1590	2000			
Shale & Sand	Green	Soft	2000	2020			
Shale	Red	Soft	2020	2046			
Sand & Silt	Red	Hard	2046	2136			
Silt	Gray	Hard	2136	2200			
Shale & Sand	Gray	Hard	2200	2336			
Shale & Lime	Gray	Hard	2336	2570			
Sand & Shale	Red/Green	Hard	2570	2664			
Lime & Sand	Gray/white	Hard	2664	2842	Mckenzie + Newburg		
Shale	Dk Gray	Soft	2842	2916			
Sand	White	Hard	2916	3056	Newburg		
Lime & Sand	Dk Gray	Hard	3056	3150			
Lime & Shale	Dk Gray	Hard	3150	3330			
Sand	White	Hard	3330	3400	Newburg		
Sand & Shale	Lt/Dk Gray	Hard	3400	3630			
Sand & Lime	Gray	Hard	3630	3760			
Silt	Gray	Hard	3760	3820			
Lime & Shale	Gray	Soft	3820	3960			
Sand, Shale & Lime	Gray	Hard	3960	4010			
Lime & Shale	Gray	Hard	4010	4070			

(over)



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Shale, Sand & Lime	Gray	Hard	4870	4890			
Dolomite	Gray	Hard	4850	4880			
Sand & Shale	Green/Red	Soft	4880	5060			
Shale	Green/Red	Soft	5060	5130			
Sand & Shale	Green/Red	Hard	5130	5360			
Sand	White	Hard	5360	5570	SG	5549-53	
Sand & Shale	Red/Green	Hard	5570	5910			
Silt & Shale	Red	Soft	5910	6100			
Sand, Silt & Shale	Red	Hard	6100	6162	SG	6162	
Sand & Silt	White/Gray	Hard	6162	6240			
Silt & Shale	Lt/Dk Gray	Soft	6240	6300	SG	6267	
Shale & Lime	Dk Gray	Soft	6300	7120			
Silt, Shale & Lime	Dk Gray	Soft	7120	7480	SG	7382	
Shale & Lime	Dk Gray	Soft	7480	8460	SG	7552, 7579, 7698, 7722, 7734	
Lime & Shale	Dk Gray	Soft	8460	8600	SG	8513	Gauged 1,352 MCFGPD, SIP (17 hrs.)-1050+; blew down
					SG	8586	
Lime & Silt	Dk Gray	Soft	8600	8690	SG	8605	
Lime & Shale	Dk Gray	Soft	8690	9080			
Lime	Lt/Dk Gray	Hard	9080	TD	SG	10,848, 11,156, 11,826, 11,836, 11,842	
Total Depth				11,918 Driller 11,932 Schumberger			

10,610 - Fault - ends up in Stones River

5570
3493
2077

Date August 26, 1963

APPROVED Tidewater Oil Company, Owner
By Earl G. Jan
District Geologist (Title)

NOTE: All well depths measured in feet + surface datum.

ID: COUNTY: 075 (Pocahontas) PERMIT: 21

LOCATION INFO: UTM: 386630 0 EASTING: 4223022.0 NORTHING: 17 ZONE: 17

SCALE: 7.5' LATITUDE: 00 DEGREES 00.0 MINUTES 0.005 MILES
 QUADRANGLE: 15.0' LONGITUDE: 00.0 QUADRANGLE: 38 LONGITUDE: 80 QUADRANGLE: 074 (Martinton)
 LONGITUDE: 5' SECT: 6 (East Central)

TAX DST: 3 (Huntersville)
 COORDINATE DIGITIZED (Y/N): N

OWNER INFO: SUFTIX: 0 (Original Loc)
 DATE: 08/14/1963
 SURFACE OWNER: United States, IR
 OIL&GAS OWNER: COMPANY NUMBER: C (CompIt'd)
 OPERATOR: 3532 (Tidewater Oil)

COMPLETION INFO: SUFTIX: 0 (Original Loc)
 ELEVATION: 3493
 ELEVATION TYPE: G (Ground Lvl)
 CLASSIFICATIONS: INITIAL: 1 (New-fid Midcat)
 FIELD: 0 (Unsuccessful)
 FIELD: 000 (Unnamed)

OPEN FLOW: GAS-BEFORE TREATMENT (MCEPD):
 GAS-AFTER TREATMENT (MCFPD):
 ROCK PRESSURES: NATURAL (PSI): 0 TIME (NATURAL, IN HOURS): 0
 TREATED (PSI): 0 TIME (TREATED, IN HOURS): 0
 DEPTHS: TOTAL FTG: 11918 NEW FTG: 11918 EXPL FTG: 11918
 DEEPEST FM: AT TOTAL DEPTH: 665 (St Paul Group)

PLUGGING INFO: DATE PLUGGED: 08/21/1963
 PB TOTAL DEPTH: 0
 YEAR RPTD: 1963

PAYS INFO: SFX COMP DATE ACTIVITY PRODUCT TOP FORMATION INTERVAL: TOP BTM BOTTOM FORMATION VOLUMES: BEFORE AFTER

0	08/14/1963	(5)	Show	Gas (2)	Tuscarora Ss (575)	5549	5553	Tuscarora Ss (575)	0	0
0	08/14/1963	(5)	Show	Gas (2)	()	0	6142	Junjata Fm (615)	0	0
0	08/14/1963	(5)	Show	Gas (2)	()	0	4267	Martinsburg Fm (635)	0	0
0	08/14/1963	(5)	Show	Gas (2)	()	0	7382	Martinsburg Fm (635)	0	0
0	08/14/1963	(5)	Show	Gas (2)	Martinsburg fm (635)	7552	7734	Martinsburg Fm (635)	0	0
0	08/14/1963	(5)	Show	Gas (2)	()	0	8513	Trenton Group (645)	1352	0
0	08/14/1963	(5)	Show	Gas (2)	()	0	8586	Trenton Mbr (645)	0	0
0	08/14/1963	(5)	Show	Gas (2)	()	0	8605	Trenton Group (645)	0	0
0	08/14/1963	(5)	Show	Gas (2)	St Paul Group (665)	10848	11842	St Paul Group (665)	0	0

STRAT INFO: FORMATION FM QUALITY DEPTH DEPTH QUALITY THCKNS THCKNS QUALITY ELEV ELEVATION TYPE

Tuscarora Ss	(575)	284	X-Ms/g/Repeated	280	F-Fault	3493	G (Ground Lvl)
Rose Hill Fm	(555)	564	X-Ms/g/Repeated	148	F-Fault	3493	G (Ground Lvl)
Tuscarora Ss	(575)	1360	X-Ms/g/Repeated	428	F-Fault	3493	G (Ground Lvl)
Junjata Fm	(615)	1508	X-Ms/g/Repeated	64	F-Fault	3493	G (Ground Lvl)
Oswego Ss	(625)	2136	X-Ms/g/Repeated	370	F-Fault	3493	G (Ground Lvl)
Martinsburg Fm	(635)	2200	X-Ms/g/Repeated	94	F-Fault	3493	G (Ground Lvl)
Rose Hill Fm	(555)	2570	X-Ms/g/Repeated	178	F-Fault	3493	G (Ground Lvl)
McKenzie Fm	(545)	2664	X-Ms/g/Repeated	140	F-Fault	3493	G (Ground Lvl)
Newburg	(535)	2916	X-Ms/g/Repeated	140	F-Fault	3493	G (Ground Lvl)

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Rose Hill Fm	(555)	564	X-Ms/g/Repeated	148	F-Fault	3493	G (Ground Lvl)
Tuscarora Ss	(575)	1360	X-Ms/g/Repeated	428	F-Fault	3493	G (Ground Lvl)
Junjata Fm	(615)	1508	X-Ms/g/Repeated	64	F-Fault	3493	G (Ground Lvl)
Oswego Ss	(625)	2136	X-Ms/g/Repeated	370	F-Fault	3493	G (Ground Lvl)
Martinsburg Fm	(635)	2200	X-Ms/g/Repeated	94	F-Fault	3493	G (Ground Lvl)
Rose Hill Fm	(555)	2570	X-Ms/g/Repeated	178	F-Fault	3493	G (Ground Lvl)
McKenzie Fm	(545)	2664	X-Ms/g/Repeated	140	F-Fault	3493	G (Ground Lvl)
Newburg	(535)	2916	X-Ms/g/Repeated	140	F-Fault	3493	G (Ground Lvl)

NOTE: All well depths measured in feet from surface datum.

ID	COUNTRY	075 (Pocahontas)	PERMIT	21	3150	X-Ms/g/Repeated	180	F-Fault	3493	G (Ground LVI)
		Mckenzie Fm	(545)		3330	X-Ms/g/Repeated	70	Q-Gstnble Pick	3493	G (Ground LVI)
		Newburg	(5385)		3630		1250		3493	G (Ground LVI)
		Mckenzie Fm	(5495)		4880		480		3493	G (Ground LVI)
		Rose Hill Fm	(5555)		5360		210		3493	G (Ground LVI)
		Tucacora Ss	(575)		5570		592		3493	G (Ground LVI)
		Juniata Fm	(415)		6162		78		3493	G (Ground LVI)
		Oswego Ss	(622)		6240		2220		3493	G (Ground LVI)
		Marlinsburg Fm	(635)		8460		620		3493	G (Ground LVI)
		Fremton Group	(645)		9080					
		Black River Group	(655)							

MECHANICAL LOG INFO: STATUS: 500-11826
 RANGE OF INTERVALS: DEEPEST FM LOGGED: 49
 YEAR LATEST LOG RECEIVED: MICROFILM ROLL NUMBER(S):
 COMMENT: LOGS AVAILABLE** GR.N.*

** (GR-gamma ray; D-density; T-temperature; I-induction; N-neutron; S-sonic; *Other types not noted)
 WELL SAMPLE INFO: CUTTINGS: TOP CORE FM CORES: BOTTOM CORE FM SAMPLE STUDIES COMMENT YEAR RCVD
 RANGE: 18-11918 0-0
 1ST INTERVAL: 18-11918 0-0
 2ND INTERVAL: 0-0

CONTINUED

