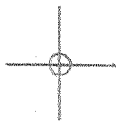


LATITUDE 39° 25' 00"



LONGITUDE 80° 22' 30"

T'5 OGIS topo location

7.5' loc, <u>0.615</u>	15' loc <u>0.615</u>
<u>2.03W</u>	(calc.) <u>4.26W</u>

Company _____

Farm _____

Elevation topogrd. 1220

Quad Folsom 7 1/2' Centerpoint EC

County DODDRIDGE

District MCCLELLAN

WELL LOCATION MAP

File No. 017-2168

Lat.

The Western Natural Gas Co.

LOCATION FOR WELL No. 1727

Lease No. 5003 for 300 Acres, District.

DESCRIPTION

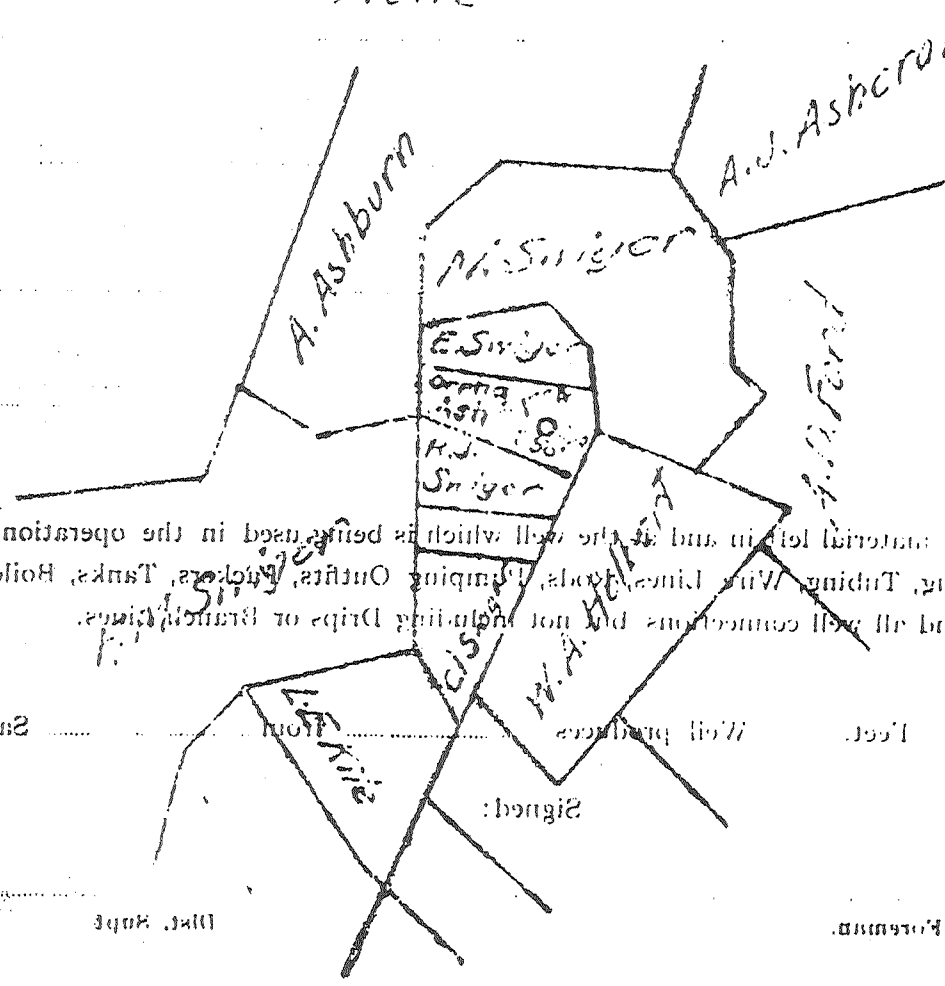
Well No. 1 on farm of C. W. Ash... Dis't. Twp. ... County ... feet from ... line of ... Farm. ... feet from ... line of ... Farm. ... feet from ... line of ... Farm. ... feet of well on ... Farm.

As shown on sketch below. Scale of sketch: 1" equals ... feet.

Location made ... 191 ... Signed ... Reservation around Buildings, ... Feet.

SPECIAL CONDITIONS:—

None



Lat. 39° 24' 24" Long. 80° 34' 43"

List above ONLY material left in and at the well which is being used in the operation of said well, including casing, tubing, wire lines, tools, pumps, tanks, boilers, engines, casing heads, and all well connections but not including dips or branch pipes.

Checked by ... Checked by ...

017-2168

C. E. Baker Dis't. Supt. Pittsburgh, Pa., Aug 20 191

You are hereby authorized to commence work on above well at once, as well must

be commenced by at once 191, and must be completed by October 31 191

All charges for labor and material incident to above well must be charged to this Well No. 1727, and when work is completed report must be filled out on reverse side of this sheet and forwarded to Pittsburgh Office. Retain one copy of this order for your files.

APPROVED

R. H. H. H.

Division _____ Company _____
 Record of Well No. 1794 on Alpha Ash Farm _____ Acres _____
 Field _____ District Township _____ County _____ State _____
 Rig Commenced 19 _____ Completed 19 _____
 Drilling Commenced 19 _____ Completed Dec 11 19 14
 Contractor _____ Address _____
 Driller' Name _____

CASING AND TUBING RECORD

	Conductor	13"	10"	8 1/2"	7"	6 1/2"	5 1/2"	4"	3"
Used in Drig.									
Left in Well									

PACKER RECORD

SHOOTING RECORD

Size	Depth Set	Type Packer	Date	Type Explosive	Amount	DEPTH		Volume Before Cu. Ft.	A
						Top	Bottom		

VOLUME AND PRESSURE

Date	Reading In Inches	Liquid	Size Orifice	Volume	Sand	PRESSURE IN MIN.					24 Hr. R. P.	Max. I	
						1	5	10	30	60			

TOTAL INITIAL OPEN FLOW

CUBIC FEET PER 24 HOURS

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS		
Red Rock	0	50	50	Slate Black soft	1440	14
Lime White	50	130	80	Lime White Hard	1475	15
Sand White	130	170	40	Slate Black soft	1420	16
Lime White	170	220	50	Slate Dark soft	1725	17
Slate Dark	220	250	30	Lime White Hard	1777	18
Lime White	250	400	150	Red Rock soft	1806	18
Slate Light	400	440	40	Lime White Hard	1873	18
Lime White	440	620	180	Slate Dark soft	1875	19
Slate Dark	620	640	20	Slate Dark soft	2073	20
Coal	625	628	3	Slate & Lime shelly	2189	21
Lime White	640	745	105	Sand White hard	2113	22
Sand White	745	765	20	Slate Dark soft	2030	23
Lime White	745	780	35	Slate & shells	2350	24
Slate Dark	783	793	10	Slate Dark soft	2400	24
Lime White	793	803	10	Slate Dark soft	2472	25
Red Rock	803	820	17	Lime White Hard	2630	26
Slate White	820	856	36	Slate Dark soft	2660	26
Red Rock	856	900	44	Slate Dark soft	2623	26
Slate Light	900	940	40	Slate Dark soft	2707	27
Lime White	940	960	20	Slate	2140	27
Slate Dark	968	990	22	Sand White Hard		
Lime White	990	1020	30	Slate & shells		
Sand White	1020	1075	55	Slate & shells		
Slate Black	1075	1085	10			
Sand White	1085	1140	55			
Slate Black	1140	1160	20			
Red Rock	1200	1210	10			
Lime White	1292	1402	110			

Examined above information and measurements and found to be correct by

Examined and Approved by

Contractor

Field

The above blank must be filled out carefully by the contractor, with a complete and accurate record of the well, and accompany, when required, all formations and known sands must be given by their proper name, with steel line measurements, and under the head of the well, and at what depth the flow or water was found, the quantity of sand, the quality of the sand, and thickness of pay.

Division *PAVING* 249 Fourth Ave., Pittsburgh, Penna.

Record of Well No. *1794* on *Repha Ush* Farm *15* Acres
 Field *11* *Clleland* ^{District} *Doddridge County W. Va.* Sta
 Rig Commenced *Sept 24* 191*4*, Completed *Sept 30* 191*4*
 Drilling Commenced *Oct 8* 191*4*, Completed *Dec. 11* 191*4*
 Cost per foot *\$1.17* Contractor *Stulen + Moriarty, c* Address *Salmon 7th St.*
 Drillers' Names *Jack J. Pellacy, John G. Soughlin.*

BOILER

ENGINE

RIG

H. P.	No.	Name of Maker	H. P.	No.	Name of Maker	New	Old	Height	Name of Build.
						<i>1/2</i>		<i>82</i>	<i>J. W. Jones</i>

CONDUCTOR AND CASING USED IN DRILLING

Conductor	13 inch	10 inch	8 1/2 inch	6 3/4 inch	6 1/2 inch	5 3/4 inch	5 3-16 inch	6 inch	4 inch
<i>14</i>		<i>272</i>	<i>1293</i>	<i>1981</i>					

CONDUCTOR AND CASING LEFT IN WELL

Conductor	13 inch	10 inch	8 1/2 inch	6 3/4 inch	6 1/2 inch	5 3/4 inch	5 3-16 inch	6 inch	4 inch	3 inch
<i>14</i>		<i>272</i>	<i>1293</i>	<i>1981</i>						<i>2</i>

OIL WELL

GAS WELL

When Shot	Size of Torpedo	1st Day's Production	Tubing	Rods	Tanks	Size of Packer	Depth Set	Packed with	1st Minute's Pressure	Rock
						<i>6 3/8 x 2</i>	<i>2000</i>	<i>2"</i>	<i>40</i>	<i>1 1/2</i>

FORMATION	Top	Bottom	Thickness	REMARKS
<i>Pittsburg Coal</i>	<i>780</i>	<i>783</i>	<i>3</i>	<i>5 bails of water per hr. at 130</i>
<i>Little Dunkard</i>	<i>1160</i>	<i>1200</i>	<i>40</i>	<i>White hard</i>
<i>Big Dunkard</i>	<i>1210</i>	<i>1292</i>	<i>82</i>	<i>3 bails of water per hr. 11</i>
<i>Ed. sand. white hard</i>	<i>1402</i>	<i>1440</i>	<i>38</i>	
<i>1st salt sand</i>	<i>1535</i>	<i>1624</i>	<i>89</i>	<i>White hard</i>
<i>2nd salt sand</i>	<i>1640</i>	<i>1725</i>	<i>85</i>	
<i>Little lime</i>	<i>1918</i>	<i>1933</i>	<i>15</i>	<i>White hard</i>
<i>Pencil. cave.</i>	<i>1933</i>	<i>1938</i>	<i>5</i>	<i>Dark soft</i>
<i>Big lime</i>	<i>1938</i>	<i>1974</i>	<i>36</i>	<i>White hard</i>
<i>Big injun</i>	<i>1974</i>	<i>2093</i>	<i>119</i>	<i>Gas 2021 to 2029. White hard</i>
<i>Squaw</i>	<i>2103</i>	<i>2183</i>	<i>80</i>	<i>Light hard</i>
<i>Forty-foot</i>	<i>2470</i>	<i>2492</i>	<i>22</i>	<i>White hard</i>
<i>Thirty foot</i>	<i>2572</i>	<i>2623</i>	<i>51</i>	<i>Gas 2595 to 2598. White</i>
<i>Gordon stray</i>	<i>2682</i>	<i>2707</i>	<i>25</i>	<i>White & late</i>
<i>Gordon</i>	<i>2735</i>	<i>2763</i>	<i>28</i>	<i>Gas. 2739-2745. White</i>
<i>South</i>	<i>2802</i>	<i>2814</i>	<i>12</i>	<i>Reduced hole. 2780 ft.</i>
<i>Total depth</i>	<i>2911</i>			<i>Test 4410 Water in 2"</i>
				<i>Test in 2" tubing</i>
				<i>1 1/2 2 3 4 5 10 60</i>
				<i>32 40 52 61 70 77 100 130</i>
		<i>DD</i>	<i>2925</i>	<i>Gas in 4 sand 4410 2"</i>
				<i>0.77</i>
				<i>White sand</i>
				<i>Rock 100 lbs 1 hr.</i>

Examined above information and measurements and found to be correct by *Stulen + Moriarty, Inc. Contractor.* Examined and approved by _____
 NOTE: The above blank must be filled out carefully by the Contractor, with a complete and accurate record of the Well, and accompany, when presented the bill for drilling.
 All formations and known sands must be given by their proper name, with steel line measurements, and under the head of "Remarks" must be recorded in what depth Oil, Gas or Water was found, the quantity of same, the quality of the sand, and thickness of pay.
 No memoranda of boiler and engine if owned by contractor.