

Longitude - 81° 44' 03.6"

7,400'

LATITUDE 38° 52' 30"

LONGITUDE 81° 42' 30"

13,350'

Latitude - 39° 50' 18.0"

Jamil
04/11/2006
1338

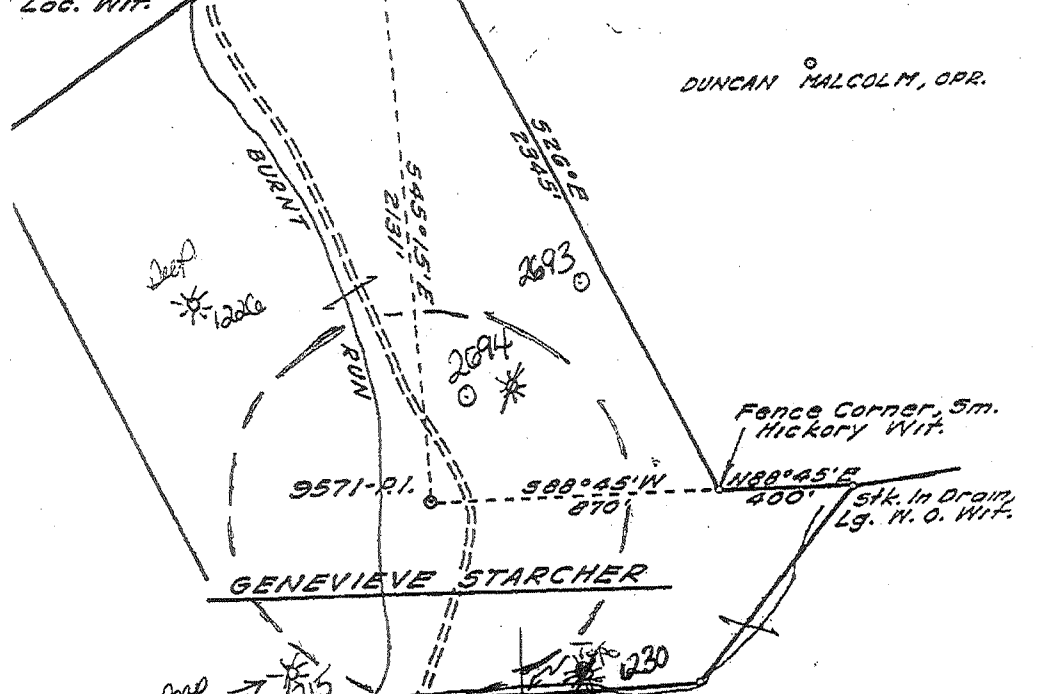
CLEMMIA WHEATON
N69°45'E-156'
stake
N54°30'E-261'
stake
N29°E-367'

Large W.O. in Fence Corner,
South Side of Road

Hub, Svc. & Dbl.
Loc. Wit.

HOMER YOUNG

DUNCAN MALCOLM, OPR.



NOTES

1 - The survey drawing shown hereon is from the original drilling permit plat dated 03/19/70. Plat was re-drafted to show updated surface owner name and as-drilled Latitude and Longitude information.

2 - Well Latitude and Longitude established by DGPS, (Sub-Meter Mapping Grade) 3/07/06.

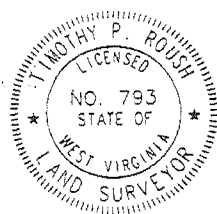
(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

BENCH MARK DESCRIPTION
U.S.G.S. STANDARD DISK STAMPED T-103-1256
ABOUT 2.4 MI. N.E. ALONG U.S. 21 FROM THE
INTERSECTION OF U.S. 33 & POST OFFICE AT
RIPLEY, IN THE TOP OF THE N.E. END OF THE
N.E. CONCRETE HEADWALL OF A 4'x8'
CULVERT. ELEV. 638.63'
ACCURACY: One Part in 200

FILE NO. 113-24
DRAWING NO. _____
SCALE 1" = 500'
MINIMUM DEGREE OF
ACCURACY _____
PROVEN SOURCE OF
ELEVATION WVDEP Records
(Original Survey)

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 PRESCRIBED BY THE DEPARTMENT OF MINES.

(SIGNED) *[Signature]*
TIMOTHY P. ROUSH PS 793



WEST VIRGINIA
Division of Environmental Protection
Office of Oil and Gas
601 57th Street
Charleston, West Virginia 25304



DATE March 12, 2006
FARM Starcher No. 9571

API WELL NO. 47-035-01200F

CANCELLED

WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS") PRODUCTION STORAGE ___ DEEP SHALLOW ___

LOCATION: ELEVATION 646.48' WATERSHED Burnt Run
DISTRICT Ripley COUNTY Jackson

QUADRANGLE Ripley 7.5'
SURFACE OWNER Charles D. White (L.E.) ACREAGE 18.858 Ac.

OIL & GAS ROYALTY OWNER Emily Ann Starr Pace LEASE ACREAGE 249 Ac.
LEASE NO. _____

PROPOSED WORK: DRILL ___ CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR
STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW
FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
TARGET FORMATION Oriskany ESTIMATED DEPTH 74,795'
WELL OPERATOR Base Petroleum, Inc. DESIGNATED AGENT John B. Wilcox
ADDRESS 1802 Rolling Hills Circle ADDRESS Rt. 7, Box 407 1/2
Charleston, WV 25314 South Ches., WV 25309

FORM IV-6

Jamil
04/11/2006
1338

CLEMMMA WHEATON

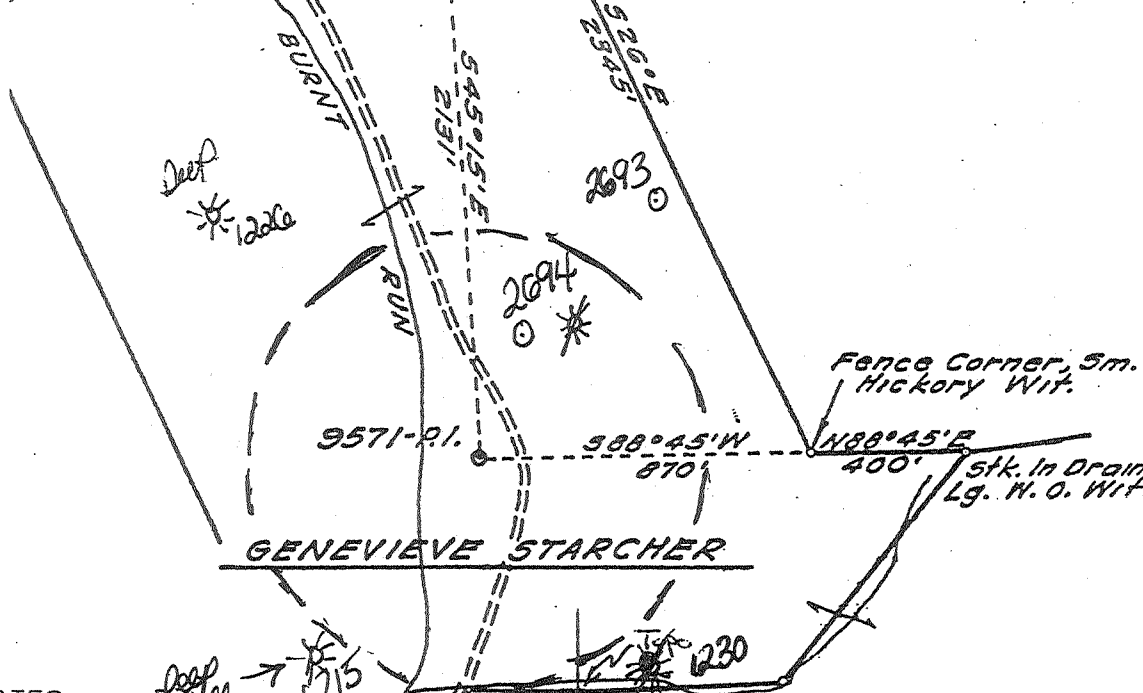
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Hub, Syc. & Dbll.
Loc. Wit.

Large W.O. in Fence Corner,
South Side of Road

HOMER YOUNG

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

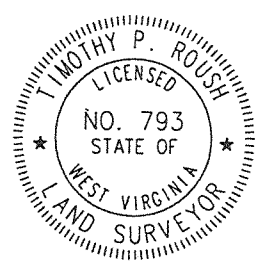
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ABOUT 2.4 MI. N.E. ALONG U.S. 21 FROM THE
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CULVERT. ELEV. 638.63'
ACCURACY: One Part in 200

FILE NO. 113-24
DRAWING NO. _____
SCALE 1" = 500'
MINIMUM DEGREE OF
ACCURACY _____
PROVEN SOURCE OF
ELEVATION WVDEP Records
(Original Survey)

I THE UNDERSIGNED, HEREBY CERTIFY THAT
THIS PLAT IS CORRECT TO THE BEST OF MY
KNOWLEDGE AND BELIEF AND SHOWS ALL THE
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LATIONS ISSUED AND PRESCRIBED BY THE DEPART-
MENT OF MINES.

(SIGNED) [Signature]
TIMOTHY P. ROUSH PS 793



WEST VIRGINIA
Division of Environmental Protection
Office of Oil and Gas
601 57th Street
Charleston, West Virginia 25304



DATE March 12, 2006
FARM Starcher No.9571
API WELL NO. 47-035-01200F

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS") PRODUCTION X STORAGE ___ DEEP X SHALLOW ___
LOCATION: ELEVATION 646.48' WATERSHED Burnt Run
DISTRICT Ripley COUNTY Jackson
QUADRANGLE Ripley 7.5'

SURFACE OWNER Charles D. White (L.E.) ACREAGE 18.858 Ac.
OIL & GAS ROYALTY OWNER Emily Ann Starr Pace LEASE ACREAGE 249 Ac.
LEASE NO. _____

PROPOSED WORK: DRILL ___ CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR
STIMULATE X PLUG OFF OLD FORMATION X PERFORATE NEW
FORMATION X OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

MAY 04 2007

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
TARGET FORMATION Oriskany ESTIMATED DEPTH 4,795'
WELL OPERATOR Base Petroleum, Inc. DESIGNATED AGENT John B. Wilcox
ADDRESS 1802 Rolling Hills Circle ADDRESS Rt.7, Box 407 1/2
Charleston, WV 25314 South Chas., WV 25309

LONGITUDE 81° 42' 30"

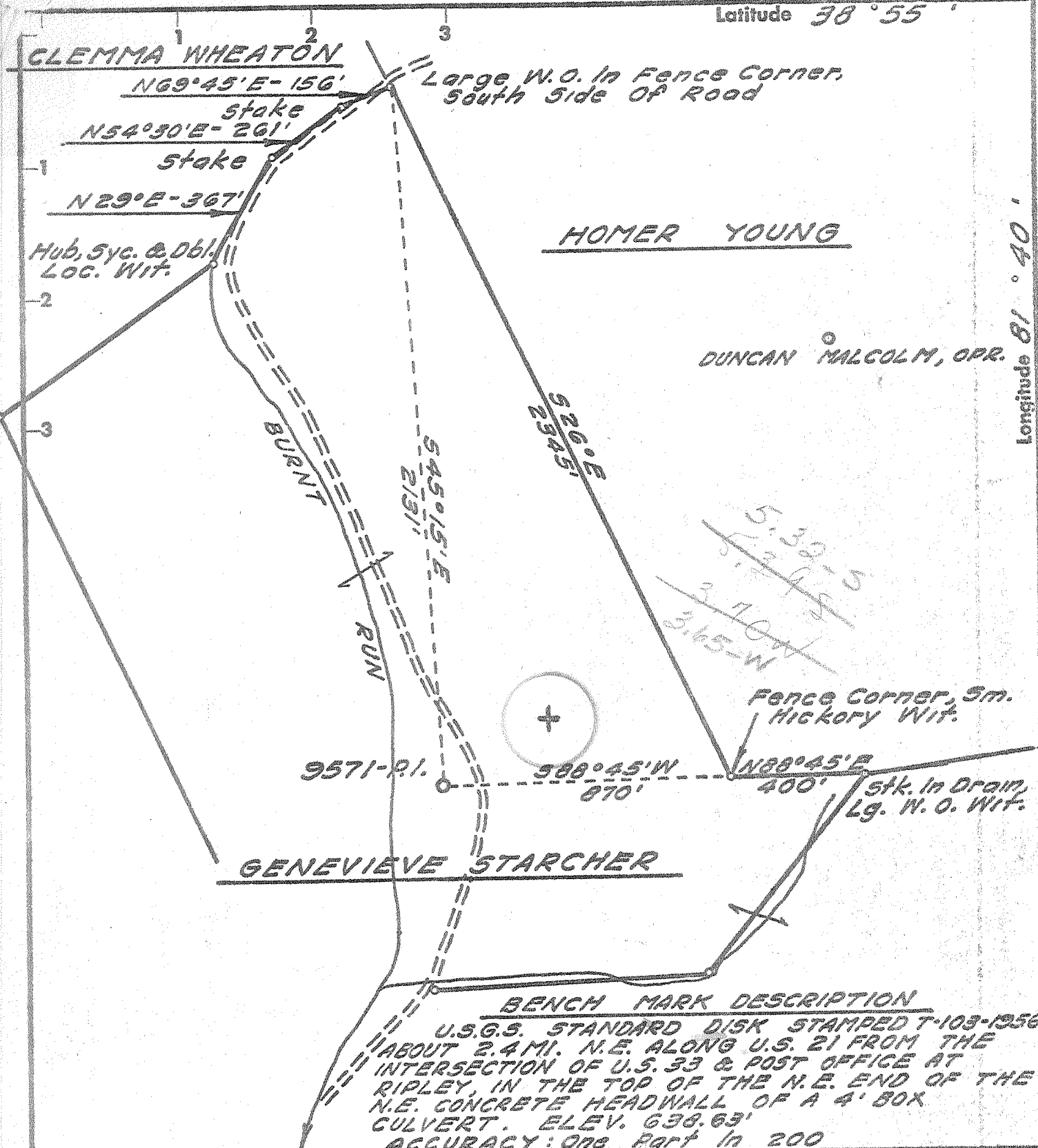
13,350'

Latitude - 39° 50' 18.0"

JAC 1200 F

Latitude 38° 55'

Longitude 81° 40'



BENCH MARK DESCRIPTION
 U.S.G.S. STANDARD DISK STAMPED T-103-1956
 ABOUT 2.4 MI. N.E. ALONG U.S. 21 FROM THE
 INTERSECTION OF U.S. 33 & POST OFFICE AT
 RIPLEY, IN THE TOP OF THE N.E. END OF THE
 N.E. CONCRETE HEADWALL OF A 4' BOX
 CULVERT. ELEV. 638.63'
 ACCURACY: ONE PART IN 200

- Fracture
- Before 6/5/29
- 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.

Company UNITED FUEL GAS CO.
 Address CHARLESTON, W. VA.
 Farm GENEVIEVE STARCHER, ET AL.
 Tract _____ Acres 295.25 ^{Merger} Lease No. 62691 ET AL.
 Well (Farm) No. _____ Serial No. 9571 P.I.
 Elevation (Spirit Level) 646.48'
 Quadrangle RIPLEY W.C.
 County JACKSON District RIPLEY
 Engineer Adrian E. Stuchman
 Engineer's Registration No. 2330
 File No. 56-93 Drawing No. _____
 Date MAR. 19, '70 Scale 1" = 400'

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

WELL LOCATION MAP
 FILE NO. JAC-1200

+ 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.

6-6 Ripley 311

Deep well APR 6 1970

U.F.G. Co. 84.4200%
 Cities Svc. 15.5800%
 Form OG-10



RECEIVED

JUL 1 1970

STATE OF WEST VIRGINIA OIL & GAS DIVISION
 DEPARTMENT OF MINES T. OF MINES
 OIL AND GAS DIVISION 4

Rotary
 Spudder
 Cable Tools
 Storage

Quadrangle Ripley

Permit No. JAC-1200

WELL RECORD

Oil or Gas Well Gas (KIND)

Company United Fuel Gas Company
 Address P. O. Box 1273, Charleston, W. Va.
 Farm Genevieve Starcher ET AL Acres 370
 Location (waters) Mill Creek
 Well No 9571 PI Elev. 660.08 KB
 District Ravenswood County Jackson
 The surface of tract is owned in fee by *
 Mineral rights are owned by
 Drilling commenced March 26, 1970
 Drilling completed April 9, 1970
 Date Shot Not Shot From To
 With
 Open Flow /10ths Water in Inch
 /10ths Merc. in Inch
 Volume 8 MMCF Cu. Ft.
 Rock Pressure lbs. hrs.
 Oil bbls., 1st 24 hrs.
 WELL ACIDIZED (DETAILS)

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13	233'	233'	Size of
10 9-5/8	1978'	1978'	Depth set
8 7/8	5500'	5500'	
6 3/4			Perf. top
5 3/16			Perf. bottom
4 1/2			Perf. top
3			Perf. bottom
2	5491'	5491'	Perf. top
Liners Used			Perf. bottom

Attach copy of cementing record.
 CASING CEMENTED 7" SIZE 5425 No. Ft. Date
 Amount of cement used (bags) 150 sks.
 Name of Service Co. Halliburton
 COAL WAS ENCOUNTERED AT FEET INCHES
 FEET INCHES FEET INCHES
 FEET INCHES FEET INCHES

WELL FRACTURED (DETAILS) Mud Acid 500 Gal. Fill up 1650 Gal. Treating 26,180 Gal.
 Over Flush 8800 Gal. Sand 20-40 13,000# Fractured April 15, 1970
 RESULT AFTER TREATMENT (Initial open Flow or bbls.) 35 MMCF 35,000 MCF GPD 35,000.000
 ROCK PRESSURE AFTER TREATMENT 2140 HOURS
 Fresh Water Feet Salt Water 950' Feet
 Producing Sand Newburg Depth 5506

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Surface		0	50				
Shale		50	140				
Sand		140	215				
Shale-Sand		215	340		Test Before Fracturing:		
Sand		340	480		8 MMCF		
Shale		480	540		Final Open Flow: 35 MMCF		
Sand		540	600		(Side Static)		
Shale		600	650		Casing Points		
Sand		650	950	Salt Water			
Shale		950	1040				
Sand		1040	1120		13-3/8"	215'	Cemented 200 Sks.
Shale		1120	1200		9-5/8"	1960'	Cemented 800 Sks.
Sand		1200	1270		7"	5425'	Cemented 150 Sks.
Shale		1270	1300		Logs Run:		
Sand		1300	1370		Gamma Ray and Density		
Shale		1370	1400				
Sand		1400	1550				
Shale		1550	1570				
Big Lime		1570	1820				
Injun Sand		1820	1960		Permit No. JAC-1200		
Shale-Sand		1960	2250				
Shale		2250	2295		Shut In 7" Casing 4-15-70		
Berea		2295	2320				
Shale		2320	4626	Show of Gas			
Cornif. Lime		4626	4750				
Criskany		4750	4795				
Lime		4795	4960				

Formation	Color	Hard or Soft	Top <u>4</u>	Bottom	Oil, Gas or Water	Depth Found	Remarks
Dolomite	<i>Salina</i>	4960	5475		<u>Gas</u>	<u>5476-5482</u>	Est. 8,000 M
Newburg		5475	5485				
Dolomite	<i>McKenzie</i>	5485	5506				
Total Depth			5506				
			<u>545</u>				

Date May 18, 1920

APPROVED C. V. Clarkson, Owner

By _____ (Title)