

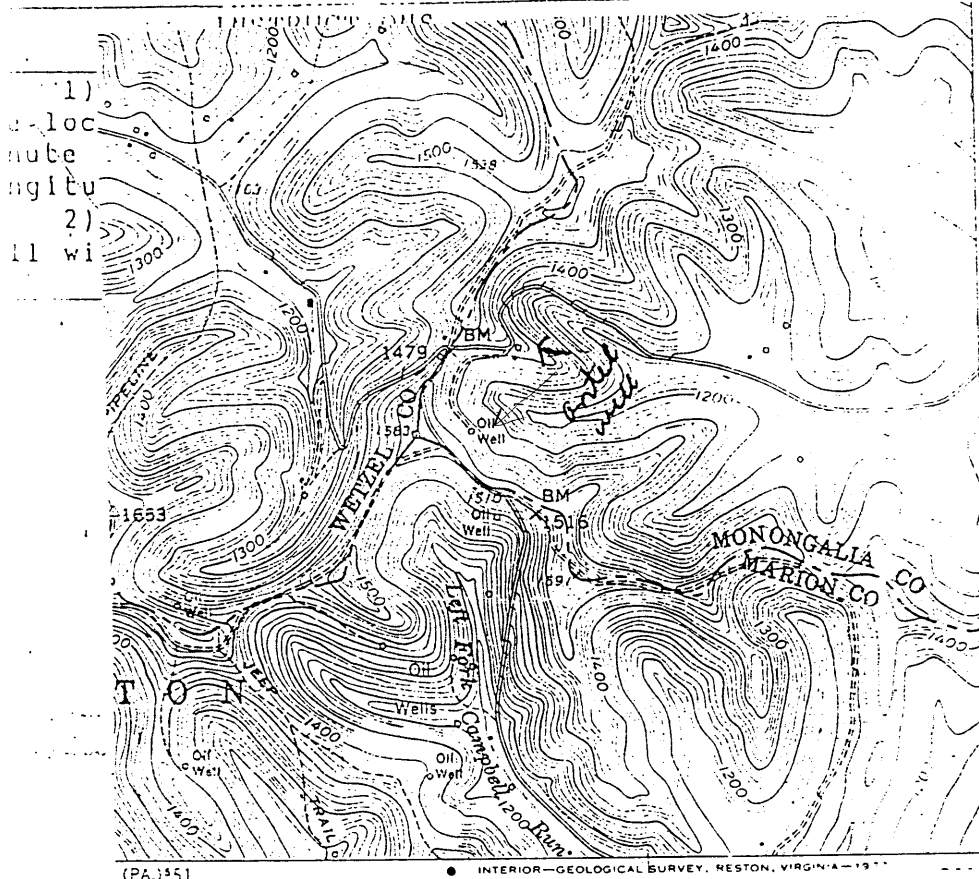
11-5-6

4750

39° 40'

80° 22' 30"

9875



4388000N
120 000 FE (PA.)
39° 37' 30"

RECEIVED
Office of Oil & Gas
DEC 13 1999
DIVISION OF
Environmental Protection

(PA.) 551

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1977

1/2 +

27914

I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief.

SIGNED X C. David Chister

TITLE owner

DATE 5-3-1999

OPERATORS WELL NO. 1

API WELL NO. 61-1377N
224

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
OIL AND GAS DIVISION

WELL TYPE: OIL GAS _____ LIQUID INJECTION _____ WASTE DISPOSAL _____
"GAS" PRODUCTION _____ SURFACE _____ DEEP _____ SHALLOW _____

LOCATION: ELEVATION 1400 WATER SHED _____
DISTRICT Battelle COUNTY Monongalia
QUADRANGLE HUNDRED

LESSOR OWNER Ralph & Val Antel ACREAGE 5.3

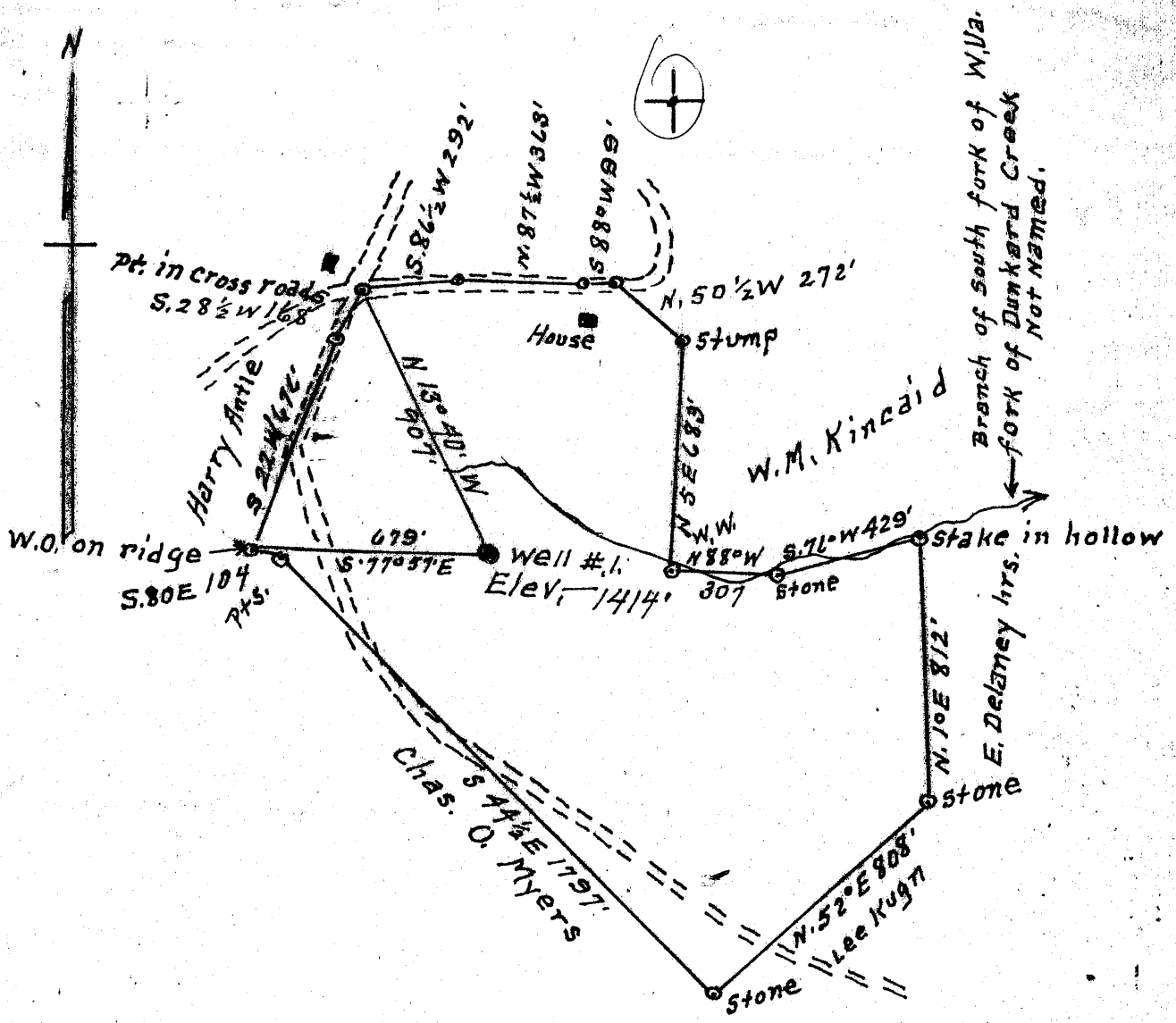
Chister Bros.

2/10/2000
batch

MON-1377N

Latitude 39° 40'

Longitude 80° 20'



Surface = Nora Antel
 Burton, W Va
 Coal = Little Kanawha Syndicate
 P.O. Box M, Summersville W, Va.

2.23-5
 3.22-W

New Location...
 Drill Deeper.....
 Abandonment.....

Company H. L. Starr
 Address Parkersburg W Va.
 Farm Nora Antel
 Tract 1 Acres 53 Lease No. _____
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 1414'
 Quadrangle Mannington
 County Monongalia District Battelle
 Engineer A. L. Headley
 Engineer's Registration No. 2021
 File No. _____ Drawing No. _____
 Date June 2, 1956 Scale 1" = 500

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

WELL LOCATION MAP
 FILE NO. MON-224

+ 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

Quadrangle Wilmington

WELL RECORD

Permit No. MON 224

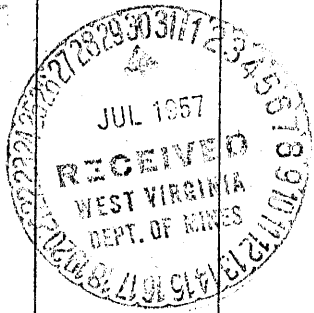
Oil or Gas Well Combi
(KIND)

Company Harvey L. Starr
Address 1630 Quincey Street, Parkersburg, W. Va.
Farm NORA ANTLE Acres 50
Location (waters) _____
Well No. #1 Elev. 1414'
District Battelle County Monongalia
The surface of tract is owned in fee by Nora Antle
Address Burton, W. Va.
Mineral rights are owned by Nora Antle
Address Same
Drilling commenced July 3, 1956
Drilling completed October 17, 1957 1956
Date Shot _____ From _____ To _____
With _____
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure 345 lbs. _____ lbs. 72 hrs.
Oil _____ 25 bbls., 1st 24 hrs.
Fresh water 145 feet _____ feet
Salt water 2683 feet 2695 feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer _____
13 200			
10 <u>250'</u>	<u>250'</u>	<u>250'</u>	Size of _____
8 1/4	<u>2305'</u>	<u>2305'</u>	
6 3/4	<u>2705'</u>	<u>2705'</u>	Depth set _____
5 3/16			
3			Perf. top _____
2		<u>3279'</u>	Perf. bottom _____
Liners Used		<u>63'</u>	Perf. top _____
Liner on Bottom, perforated bottom 24'			Perf. bottom _____
CASING CEMENTED	SIZE	No. Ft.	Date
<u>6 5/8 casing cemented</u>	<u>under pressure with</u>		
<u>15 Bags cement</u>			
<u>COAL WAS ENCOUNTERED AT 1235 FEET</u>	<u>INCHES</u>		
<u>to 1239' a total of 4'</u>	<u>FEET</u>	<u>INCHES</u>	<u>FEET</u> <u>INCHES</u>
	<u>FEET</u>	<u>INCHES</u>	<u>FEET</u> <u>INCHES</u>

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Red Clay	Red	Soft	00	32			
Slate	Gray	Soft	32	86			
Sand		Med. Hard	86	94			
Slate	Gray	Soft	94	141			
Sand			141	163			
Slate		Soft	163	480			Water, Hole full
Sand			480	497			
Slate & Shells			497	984			
Sand			984	1021			
Slate			1021	1163			
Sand			1163	1235			
Coal ^{pyh}			1235	1239			
Sand			1239	1264			
Slate			1264	1697			
Big Dunkard Sand		Firm	1697	1803			
Slate & Shells			1803	2051			
Sand		Sharp & Firm	2051	2109			
Slate			2109	2217			
Sand			2217	2261			
Slate & Shells			2261	2305			
Little Lime		Hard	2305	2315			
Pensil Cave			2315	2323			
Big Lime		Very Hard	2323	2468			
Big Injun Sand ³¹¹			2468	2718			
Slate & Shells			2718	3191			
50ft Sand			3191	3232			
Slate	Dark	Very Soft	3232	3249			
30ft Sand			3249	3279			
Slate			3277	3279			
Total Depth			3279				

2323
1414
909



1414
1235
179

2468
1414

Good Show of Gas from 2512 to 2519. Hole full of water encountered from 2683 to 2695

Oil pay in 30ft from 3265 to 3276, fractured with 150 Bbl Visa Fracture by Halliburton Oil wellcementing Co. Formation broke at 2900lbs and pumped in at 3200lbs. Did not respond to fracture.

(Over)

Fract 1957