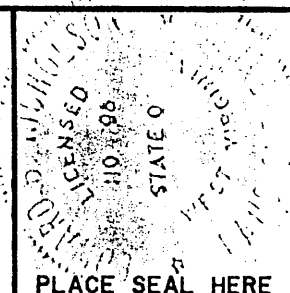


CHARGE: W10 183-2000-W2518-2801
 FIELD BOOK 2531 PAGE 53-58
 FARM MAP - ROWLESBURG X-76 STORAGE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS (7 1/2")

FILE NO. _____
 DRAWING NO. _____
 SCALE 1"=400'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION Top Concrete Pad Surrounding Well 7516 Casing

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 ENERGY.
 (SIGNED) _____
 R.P.E. _____ L.L.S. 798



STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
 OIL AND GAS DIVISION



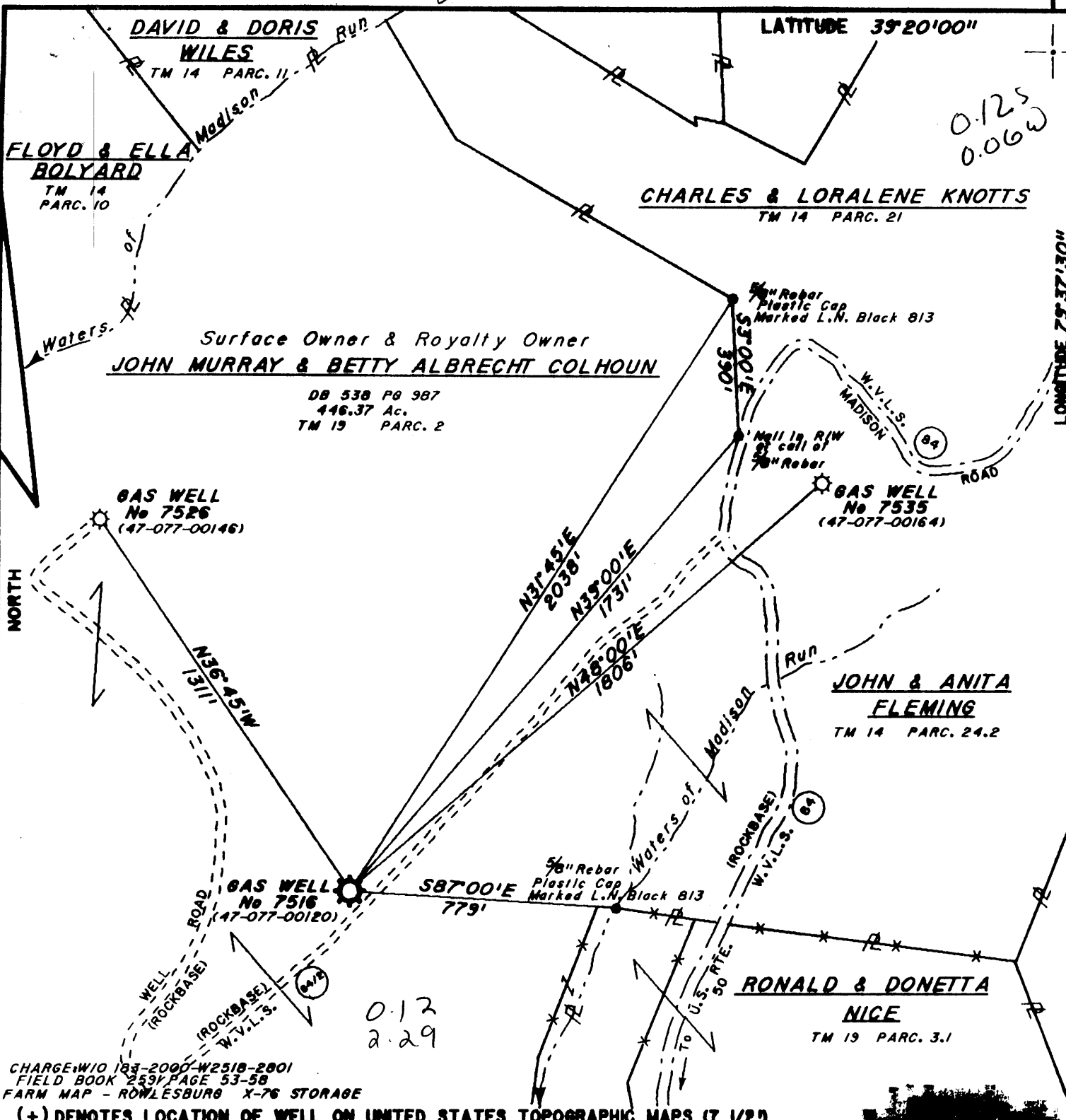
DATE April 29, 1994
 OPERATOR'S WELL NO. 7516
 API WELL NO. _____

WELL TYPE: OIL _____ GAS X LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS,") PRODUCTION _____ STORAGE X DEEP _____ SHALLOW _____
 LOCATION: ELEVATION 2478.00 WATER SHED MADISON RUN
 DISTRICT UNION COUNTY PRESTON
 QUADRANGLE ROWLESBURG, WV COORDINATES LAT: 39° 45' 54" LONG: 80° 36' 58"
 SURFACE OWNER JOHN MURRAY & BETTY ALBRECHT COLHOUN ACREAGE 446.37
 OIL & GAS ROYALTY OWNER JOHN MURRAY & BETTY ALBRECHT COLHOUN LEASE ACREAGE 450.75

LEASE NO. 91096
 PROPOSED WORK: DRILL _____ CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE _____ PLUG OFF OLD FORMATION _____ PERFORATE NEW FORMATION _____ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) STORAGE RECONDITION
 PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____
 TARGET FORMATION _____ ESTIMATED DEPTH _____
 WELL OPERATOR COLUMBIA GAS TRANS CORP DESIGNATED AGENT ROBERT C. WEIDNER
 ADDRESS PO BOX 1273, CHARLESTON, WV 25325 ADDRESS PO BOX 1273, CHARLESTON, WV 25325

47 077 00120 - T
 STATE COUNTY PERMIT
storage well cancelled
 1/28/99
 PRESTON-120-T
 DANC.

FORM 100



CHARGE: WIO 183-2000-W2518-2801
 FIELD BOOK 2591 PAGE 53-58
 FARM MAP - ROWLESBURG X-76 STORAGE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS (7 1/2")

FILE NO. _____
 DRAWING NO. _____
 SCALE 1"=400'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION Top Concrete Pad Surrounding Well 7516 Casing

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 ENERGY.
 (SIGNED) [Signature]
 R.P.E. _____ L.L.S. 799

STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
 OIL AND GAS DIVISION



DATE April 29, 1994
 OPERATOR'S WELL NO. 7516
 API WELL NO. _____

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

LOCATION: ELEVATION 2478.00 WATER SHED MADISON RUN
 DISTRICT UNION COUNTY PRESTON

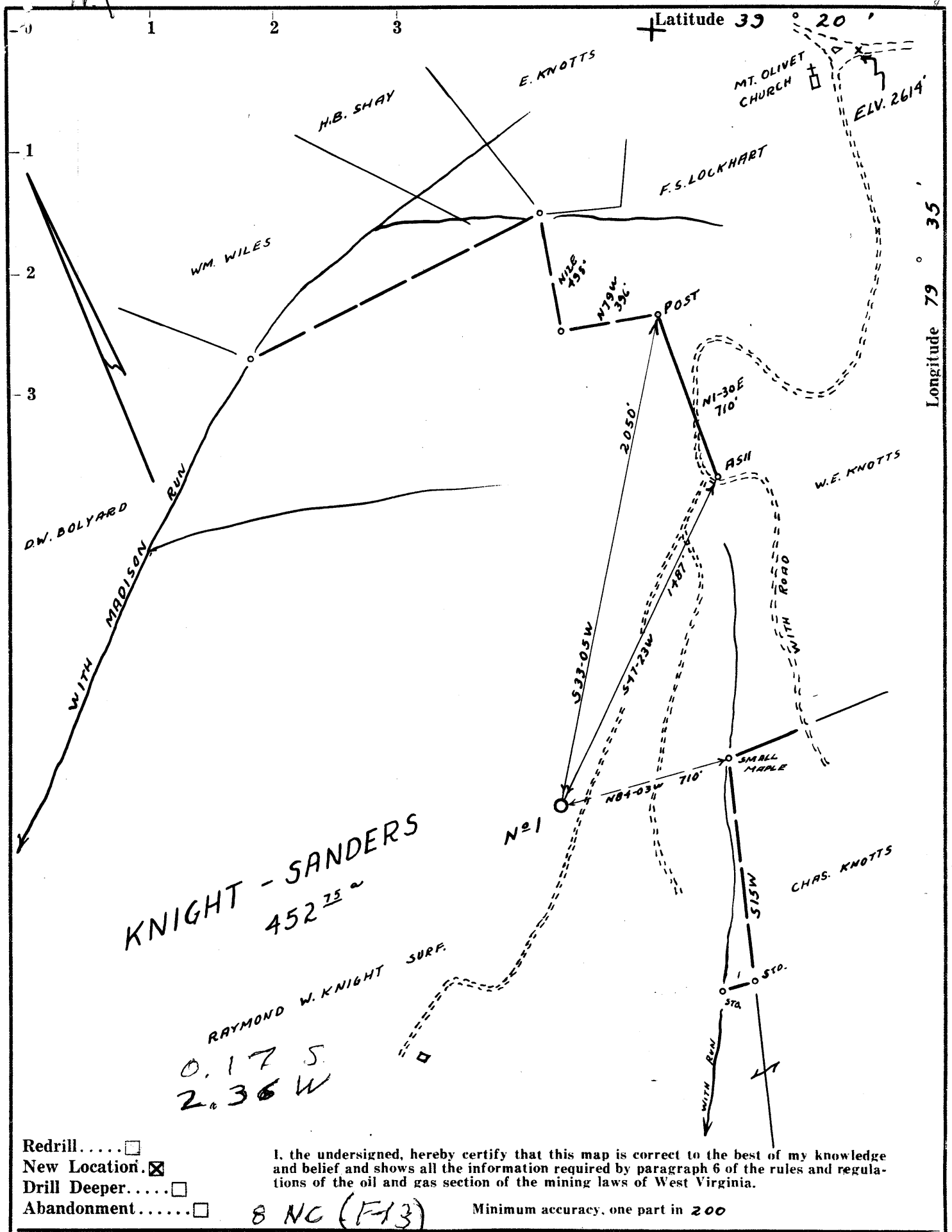
QUADRANGLE ROWLESBURG, WY COORDINATES LAT. 39° 45' 54" LONG. 80° 36' 58"
 SURFACE OWNER JOHN MURRAY & BETTY ALBRECHT COLHOUN ACREAGE 446.37
 OIL & GAS ROYALTY OWNER JOHN MURRAY & BETTY ALBRECHT COLHOUN LEASE ACREAGE 450.75

LEASE NO. 91036
 PROPOSED WORK: DRILL _____ CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE _____ PLUG OFF OLD FORMATION _____ PERFORATE NEW FORMATION _____ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) STORAGE RECONDITION

PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____
 TARGET FORMATION _____ ESTIMATED DEPTH _____
 WELL OPERATOR COLUMBIA GAS TRANS CORP DESIGNATED AGENT ROBERT C. WEIDNER
 ADDRESS PO BOX 1273, CHARLESTON, WY 25325 ADDRESS PO BOX 1273, CHARLESTON, WY 25325

FORM WG-6

COUNTY NAME _____ PERMIT _____



Company	UNION GAS No 11	
Address	CLARKSBURG, W.VA.	
Farm	KNIGHT - SANDERS	
Tract	Acres 452 ^{7/8}	Lease No.
Well (Farm) No.	1	Serial No. 11
Elevation (Spirit Level)	2478'	
Quadrangle	KINGWOOD - SC	
County	PRESTON	District UNION
Engineer	<i>Jimmie Puffin</i>	
Engineer's Registration No.	1084	
File No.	208/80	Drawing No.
Date	7-4-64	Scale, 1" = 500'

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

WELL LOCATION MAP
FILE NO. PRES-120

+ 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.

RDM^c

No Samples 6-6-200 Deep Well



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Quadrangle _____

Permit No. Pres- 120

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company Union Gas Company No. 11
Address P. O. Drawer 351, Clarksburg, W.Va.
Farm Raymond W. Knight Acres 452.75
Location (waters) Wolfe Creek
Well No. One Elev. 2478'
District Union County Preston
The surface of tract is owned in fee by Raymond W. Knight
Address Amboy, W.Va.
Mineral rights are owned by Same
Address Same

Drilling commenced December 19, 1964
Drilling completed January 21, 1965

Date Shot From 6134 To 6150
With 3 shots per ft. W/1000 gal. Mud Acid clean up treatment & 10,000 gal. 15% Hydrochloric Acid
Open Flow /10ths Water in _____ Inch

/10ths Merc. in _____ Inch
Volume 37/10 in 7 Water 2574 Min Cu. Ft.

Rock Pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.

WELL ACIDIZED _____

WELL FRACTURED _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer _____
16			
13	170'	170'	
10			Size of _____
9 5/8	1304'	1304'	
8 7"	6494'	6494'	Depth set _____
5 3/16			
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED SIZE No. Ft. Date
13-3/8- 170'- 9/58-1304'- 7"-6494'

COAL WAS ENCOUNTERED AT FEET INCHES
____ FEET INCHES FEET INCHES
____ FEET INCHES FEET INCHES

RESULT AFTER TREATMENT 28/10 M in 4" 3, 275.000

ROCK PRESSURE AFTER TREATMENT 8 Hrs. 1580

Fresh Water _____ Feet Salt Water _____ Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks	
Sand			0	47	6065	6225	6380	
Sandy Shale			47	194				
Sand			194	230				
Red Lime			230	265				
Shale			265	325				
Lime & Shale			325	390				
Sand			390	470				
Shale & Red Lime			470	530				
Sand & Sandy Lime			530	1290				
Shale			1290	1410				
Shale & Lime Shulls			1410	5523	5600	Gas at 6140- 6142		
Shale			5523	5570				
Tully Lime			5570	6065				
Shale			5600	6065				
Onadoga Lime			6065	6095				
Chert			6095	6225				
Oriskany Sand			6225	6380				
Lime			6380	6494				
			6065	6225				
			2478	2478				
			3587	3747				

(over)

