

LATITUDE 39° 42' 30"

LONGITUDE 80° 27' 30"

10,450'

James
5/29/91

BUCHER
D.B. 330 PG. 380
DEED CALLS

A.C. SOLE
D.B. 174 PG. 229
DEED CALLS

DETAIL 1" = 200'

NIF
GRACE LEE
PHILLIPS

NIF
ALLEN M. RUSH

NIF
BETTY SUE
SHRIVER
1.52 Ac.

NIF
DAVID K McELORY

NIF
WILLIAM GENE &
SUE C. DAVISSON
3.87 Ac.

NIF
JOHN P. & BARBARA A.
BUCHER
D.B. 330 PG. 380
29.54 Ac. (SURFACE)

Loc. L-1668
ELEV. 1259'

NIF
GRACE LEE PHILLIPS

NIF
JOSEPH M. SIMONI

FIVE FOOT DIA. OAK,
THREE FENCE INTER.

FENCE CORNER POST

NIF
A.C. SOLE

2.00 A
0.24 W

NOTE : THIS MAP IS FOR
WELL LOCATION
ONLY AND DOES
NOT REPRESENT
A COMPLETE
BOUNDARY SURVEY

LATITUDE : 39° 40' 46"
LONGITUDE : 80° 27' 47"
MAP 4392N 1544E

NOTE BOOK 1737-N PG. 38-39, B.W.H.

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

FILE NO. _____
DRAWING NO. L-1668
SCALE 1" = 400'
MINIMUM DEGREE OF
ACCURACY 1:2500
PROVEN SOURCE OF
ELEVATION USC & GS DISK
STAMPED "T-22 1935"

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 REGU-
LATIONS ISSUED AND PRESCRIBED BY THE DEPART-
MENT OF ENERGY.

(SIGNED) James L. Browning
R.P.E. _____ L.L.S. 398

PLACE SEAL HERE

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
OIL AND GAS DIVISION



DATE JAN. 7, 1991
OPERATOR'S WELL NO. L-1668
API WELL NO. 47 103-0729-P

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

LOCATION: ELEVATION 1259' WATER SHED FORK FISH CREEK
DISTRICT CHURCH COUNTY WETZEL
QUADRANGLE HUNDRED

SURFACE OWNER JOHN P. & BARBARA A. BUCHER ACREAGE 29.54
OIL & GAS ROYALTY OWNER JOHN P. & BARBARA A. BUCHER LEASE ACREAGE 36.0
LEASE NO. 3002746

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 X CLEAN OUT AND REPLUG ___
TARGET FORMATION 5 TH SAND ESTIMATED DEPTH 3192'
WELL OPERATOR COLUMBIA NATURAL RES. INC. DESIGNATED AGENT MARC WATKINS
ADDRESS PO BOX 496 ADDRESS SAME
WASHINGTON, PA. 15301

MAY 31 1991

FORM WV-8

COUNTY NAME
PERMIT

Company _____

Division _____

Record of Well No. **1448** on _____ Farm _____ Acres _____

Field _____ District Township _____ County _____ State _____

Drilling Commenced 19 _____ Completed 19 _____

Contractor _____ Address _____

Driller's Name _____

CASING AND TUBING RECORD

Conductor	13"	10"	8 1/2"	7"	6 1/2"	5 1/2"	4"	3"

PACKER RECORD

SHOOTING RECORD

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

VOLUME AND PRESSURE

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

CUBIC FEET PER 24 HOURS

TOTAL INITIAL OPEN FLOW

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Clay Yellow Soft	00	12	12	Slate Black salt 1690 176
Sand " Soft	12	80	68	Salt White Hard 1765 181
Slate Green Soft	80	150	70	Slate Black Soft 1810 1900
Sand Yellow Hard	150	160	10	B. Dryum White Hard 2185 246
Slate Black Soft	140	460	300	Slate White Soft 2462 260
Slate Black Soft	463	550	93	Lime Shell. Slate white soft 2621 280
Limestone White Hard	550	375	20	Pale Red slate Red soft 2857 286
Slate Black Soft	575	700	125	Slate Black Soft 2867 287
Limestone White Hard	700	860	160	Soft Dark Soft 2874 212
Slate Black Soft	860	864	4	Slate White Soft 2920 214
Limestone Gray Hard	868	880	12	Slate Black Soft 3002 302
Slate Black Soft	880	940	60	Slate Dark Soft 3045 307
Slate " " Soft	968	980	12	Slate Dark Soft 3128 314
Limestone Gray Hard	980	985	5	Slate White Soft 3165 318
Limestone Gray Hard	985	1010	25	Slate White Soft 3185 319
Slate Black Soft	1010	1020	10	
Slate Red Soft	1035	1050	15	
Slate Green Soft	1050	1110	60	
Slate Red Soft	1110	1200	90	
Slate White " Soft	1200	1240	40	
Slate Green Soft	1240	1255	15	
Slate Green Soft	1255	1265	10	
Slate Black Soft	1320	1350	30	
Slate Red Soft	1350	1357	7	
Slate Black Soft	1354	1440	86	
Limestone Gray Hard	1440	1466	26	
Slate Black Hard	1470	1530	60	
Limestone Gray Hard	1570	1610	40	

Examined above information and measurements and found to be correct by _____

Examined and Approved by _____

Contractor _____ Field Sup. _____

The spaces blank must be filled out separately by the contractor, with a complete and accurate record of the Well, and accompany, when presented for payment. All measurements and production records must be given by their proper name, with exact line measurements, and under the head of "Remarks" must be recorded in which the quantity of sand, the quality of the sand, and the time of day.

The Manufacturers Light & Heat Co.

Farmers Bank Building, Pittsburg, Penna.

Wetzel - 729

Law 2746
Division
Record of Well No. 1668 on

Memorial St. Seagarden Farm

Field Hundred District Wetzel County W. Va.
Rig commenced Sept 19, 1903 Completed Sept 20, 1903
Drilling commenced October 17, 1903 Completed April 1st, 1904
Cost per foot 1.15 Contractor G. W. Rowley
Drillers' names A. N. Herman, Harry Herman, Abram Allom Address

BOILER			ENGINE			RIG			
H. P.	No.	Name of Maker	H. P.	No.	Name of Maker	Now	Old	Height	Name of Build
						New		82	Wm. Hoar

CONDUCTOR AND CASING USED IN DRILLING									
Conductor	13 inch	10 inch	8 1/2 inch	6 3/4 inch	6 1/2 inch	6 3/8 inch	5 3-10 inch	6 inch	4 inch
12		1060	1275	1480			7184		

CONDUCTOR AND CASING LEFT IN WELL									
Conductor	13 inch	10 inch	8 1/2 inch	6 3/4 inch	6 1/2 inch	6 3/8 inch	5 3-10 inch	6 inch	4 inch
12			1275	1480			2184		

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
						none		not packed	

FORMATION	Tubing		Rods	Tanks	REMARKS
	Top	Bottom			
Native Coal	460	463			Black soft
Mapletown "	864	868			"
Pittsburgh "	900	968			"
Little Axmard Sand	1295	1370			Gray Hard
Arg "	1466	1470			Gray Hard
Gas "	1610	1690			White Hard
Salt 1st "	1765	1810			White Hard
" 2nd "	1900	2130			Hard
Arg Lime "	2130	2185			White Hard
Arg Injun "	2185	2462			White Hard
50 ft "	2874	2925			Dark Hard
30 ft "	2945	3007			Gas 3002 to 3004' white
Gray "	3025	3045			White hard
Gordon "	3070	3178			Black Hard
Fourth "	3143	3155			Black Hard
Fifth "	3180	3185			Dark open
Total Depth	3192				

Examined above information and measurements and found to be correct by G. W. Rowley Contractor.
Examined and approved by A. Snyder Superintendent.
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 for payment of 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"...

RECEIVED

WR-38
30-May-91

API # 47-103-00729-P

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
DIVISION OF OIL AND GAS

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE IN TRIPLICATE, one copy mailed to the Division, one copy to be retained by the Well Operator and the third copy (and extra copies if required) should be mailed to each coal operator at their respective addresses.

Farm name: BUCHER, JOHN & BARBARA Operator Well No.: 601668

LOCATION: Elevation: 1259.00 Quadrangle: HUNDRED
District: CHURCH County: WETZEL
Latitude: 10450 Feet South of 39 Deg. 42 Min. 30 Sec.
Longitude 1250 Feet West of 80 Deg. 27 Min. 30 Sec.

Well Type: OIL _____ GAS X

Company: Columbia Natural Resources Coal Operator See Attachment A
PO Box 6070 or Owner _____
Charleston WV 25366

Agent: Joseph F. Campbell Coal Operator See Attachment A
Inspector: Randal Mick or Owner _____
Permit Issued: 05/29/91

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Upshur ss:

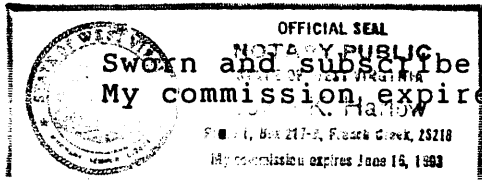
Mark Cogar and Phillip Pulliam being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by Columbia Natural Resources, well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 18 day of May, 1993, and that the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
cement	2480	2240	5" 1572'	612'
gel 6%	2240	2216	7" 1305'	175'
cement	2216	2036	8" 21'	1254'
gel 6%	2036	1629		
cement	1629	1275		
gel 6%	1275	1000		
cement	1000	800		
gel 6%	800	150		
cement	150	surface		

Description of monument: 8" casing 3ft out of ground with API

and that the work of plugging and filling said well was completed on the 3 day of June, 1993.

And further deponents saith not.



Sworn and subscribed before me this 7 day of June, 1993
My commission expires: 6/16/93
Joseph K. ...
Notary Public