

Janie 6/8/89

W.S. SNODGRASS

W.G. HATFIELD MINERAL

STAKE ON BENCH OF HILL

S 74°00'E 540'

2072

12" HICKORY IN FENCE CORNER ABOVE ROAD

N 31°15'W 336'

S 8°45'E - 334'

PINE IN FENCE CORNER ON RIDGE

S 24°45'W - 316'

8" HICKORY IN FENCE CORNER ON RIDGE

1,095 2.15W

372

596

W.G. HATFIELD - MIN. HOWARD WILSON - SURF. 100 A±

SANSOM HRS.

2424 1386A

FARM MAP

NOTE BOOK : 433-A PAGE : 74 COAL : NOT OPERATED L.D. R.

LAT. : 38°14'02" LONG. : 82°09'54"

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

FILE NO. 32-51 DRAWING NO. 2072 SCALE 1"=500' MINIMUM DEGREE OF ACCURACY 1 PART IN 200 PROVEN SOURCE OF ELEVATION U.S. GOV'T. TRIANG. STA. ELEV. 1159.2'

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) James L. Branson R.P.E. L.L.S. 398



STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY OIL AND GAS DIVISION



DATE JUNE 3, 1986

OPERATOR'S WELL NO. 2072

API WELL NO. 47-043-2030

WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL STATE COUNTY PERMIT

LOCATION: ELEVATION 1054' WATERSHED TWO MILE CREEK DISTRICT SHERIDAN COUNTY LINCOLN QUADRANGLE BRANCLAND, W.VA.

SURFACE OWNER HOWARD WILSON ACREAGE 100

OIL & GAS ROYALTY OWNER W.G. HATFIELD LEASE ACREAGE 100

LEASE NO. 24657

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 BEREA ESTIMATED DEPTH 2365'

WELL OPERATOR COLUMBIA NATURAL RES. INC. DESIGNATED AGENT J.E. CAMPBELL

ADDRESS P.O. BOX 1273 CHARLESTON, W.VA. 25325 ADDRESS SAME

JUN 16 1989

COUNTY NAME PERMIT 2072

W. G. HATFIELD NO. 72 (1) WELL.

No. 243-68 O.F.-Lincoln
No. L-447 CWL p. 326

2030
D 1913 Co. Report

Sheridan District, Lincoln County, W. Va.
By Columbia Gas & Elec. Co. (CWL)
Elevation, 1054' L.
Record of (W. G.) Hatfield No. 1, Columbia Elec. & Gas Co.
Located near Twomile Creek, on lands of W. G. HATFIELD.
5,000,000 cu. ft. gas.

	Top.	Bottom.
Coal	275	280
Gas Sand	820	855
Salt Sand	980	1200
Little Lime	1525	1535
Pencil Cave	1535	1540
Big Lime	1540	1775
Big Injun Sand (gas, 1775-1790': 5,000,000 cu. ft.)	1775	1797

UNITED FUEL GAS COMPANY

K-2030

SERIAL WELL NO. 2072

LEASE NO. _____

MAP SQUARE 51-32

RECORD OF WELL No. _____ on the _____
 Farm of _____ Acres
 in _____ District
 _____ County
 Field, State of _____

Rig Commenced _____ 193
 Rig Completed _____ 193
 Drilling Commenced _____ 193
 Drilling Completed Sept. 15, 1909 193
 Drilling to cost _____ per foot

Contractor is:
 Address:

Driller's Name _____

CASING AND TUBING

SIZE	USED IN DRILLING	LEFT IN WELL
16		
13		
10		
8 1/4		238
6 5/8		1564 7/8
5 3/16		
4 7/8		
4		
3		1811 7/8
2		

TEST BEFORE SHOT

_____ of Water in _____
 10ths.
 _____ of Merc. in _____
 10ths.
 Volume _____ Cu

TEST AFTER SHOT

_____ of Water in _____
 10ths.
 _____ of Merc. in _____
 10ths.
 Volume _____ Cu

Rock Pressure 550

Date Shot _____
 Size of Torpedo 1.0

Oil Flowed _____ bbls. 1st 24
 Oil Pumped _____ bbls. 1st 24

Well abandoned and
 Plugged _____

SHUT IN

Date _____
 _____ in _____ Tubing or Casing
 Size of Packer _____
 Kind of Packer _____
 1st Perf. Set _____ from _____
 2nd Perf. Set _____ from _____

DRILLER'S RECORD

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Fresh Water	625	630		Enough to drill with. Small show of oil and gas Packer set at 1948'. Gas in Berea Sand
Coal	275	280		
Gas Sand	820	855		
Salt Sand	980	1200		
Little Lime	1525	1585		
Pencil Cave	1535	1540		
Big Lime	1540	1855		
Big Injun Sand	1773	1790		
Drilled deeper Nov. 1927.				
Original Depth		1797		
Slate	1857	2120		
Shell	2120	2145		
Slate	2145	2165		
Shell	2165	2175		
Slate	2175	2308		
Berea Sand	2308	2384		
Total Depth		2373		
		2374		
		1797		
		577		

O 43-2030

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

043-2030-P

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVITE 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: SLONE, THEODORE R. ETUX. Operator Well No.:2072

LOCATION: Elevation: 1054.00 Quadrangle: BRANCLAND
District: SHERIDAN County: LINCOLN
Latitude: 5800 Feet South of 38 Deg. 15 Min. 0 Sec.
Longitude 11400 Feet West of 82 Deg. 7 Min. 30 Sec.

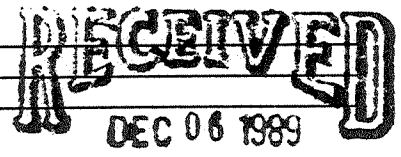
Well Type: OIL _____ GAS X

Company: Columbia Gas Transmission Corp.
P.O. Box 1273
Charleston, WV 25325

Coal Operator _____
or Owner _____

Agent: R. C. Weidner
Inspector: Jerry Holcomb
Permit Issued: 06/12/89

Coal Operator _____
or Owner _____



AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Lincoln ss:

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

Nathan Adkins and Roger Arnold 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 Jackson Development Co., Inc., well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 7th day of November, 1989, and that the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
Cleaned out to		1765'		
Gel Hole	1765'	Surface		
Cement	1765'	1500'		
Rip on 7" at 780'				
Squeeze cement	780'	580'		
Cut 7" at 300'				
Squeeze 7" to surface				
Cement	100'	Surface		

Description of monument: 30" above surface with Insc. 47-43-02030

and that the work of plugging and filling said well was completed on the 14th day of November, 1989.

And further deponents saith not.

Nathan Adkins
Roger Arnold
[Signature]
Notary Public

Sworn and subscribe before me this 15th day of November, 1989
My commission expires: March 1, 1994