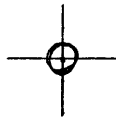


LATITUDE 39° 42' 30"

80° 30' 00" LONGITUDE



7'5 OGIS topo location

7.5' LOC 274 S 15' LOC _____
' 1.37 W (calc.) _____

Company _____

Farm _____

Quad LITTLETON 7 1/2'

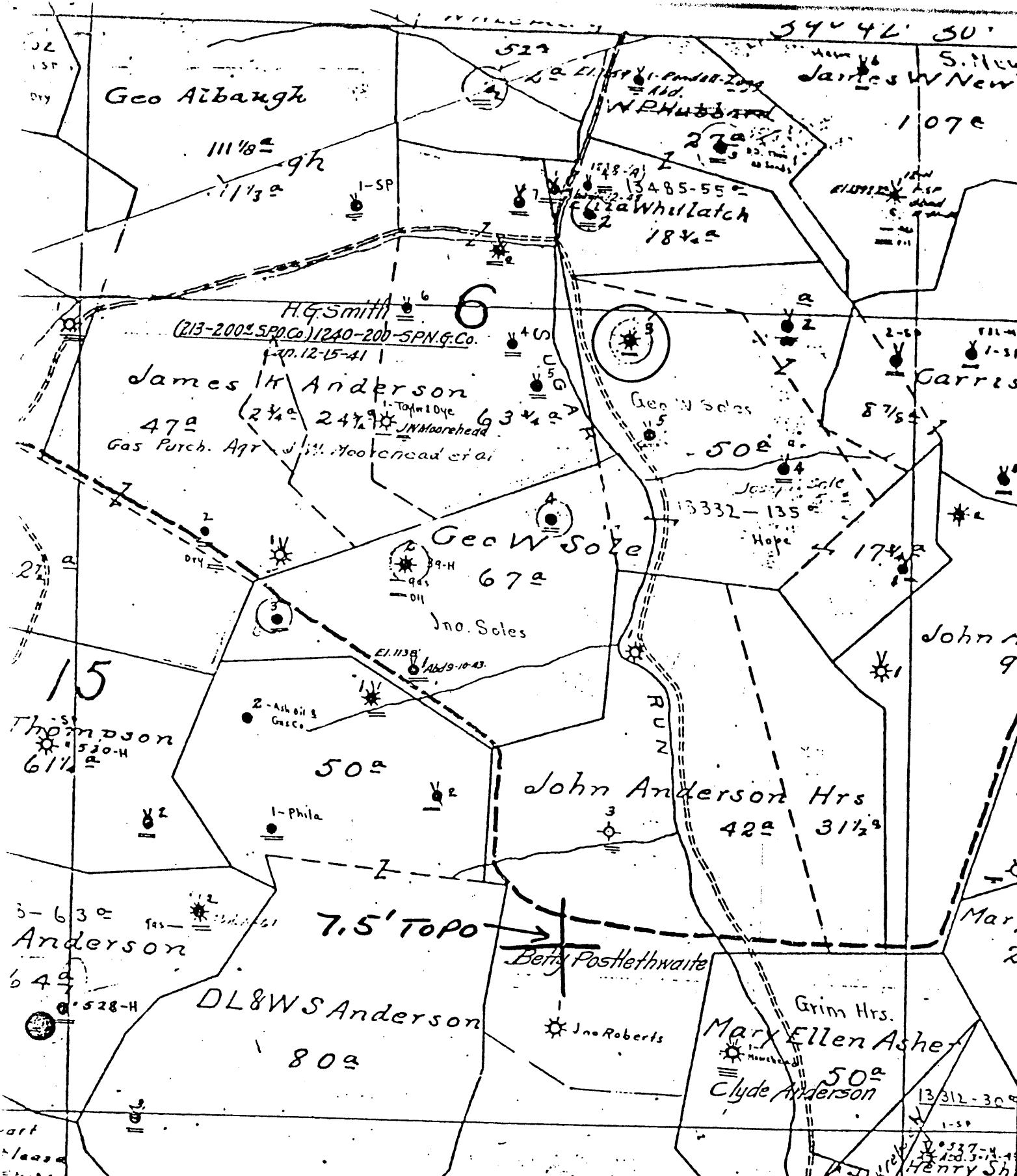
County WETZEL

District CLAY

WELL LOCATION MAP

File No. 103-1120

(044)



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

FORM IV-6
(8-78)
N79 N16 E6

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF "GAS", PRODUCTION STORAGE DEEP SHALLOW
LOCATION: ELEVATION _____ WATER SHED Sugar Run COUNTY Wetzel
DISTRICT Clay QUADRANGLE Littleton 7 1/2

SURFACE OWNER _____ ACREAGE _____
OIL & GAS ROYALTY OWNER _____ LEASE NO. 13322-50 LEASE ACREAGE 135

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

PLUS AND ABANDON CLEAN OUT AND REPLUS

TARGET FORMATION _____ ESTIMATED DEPTH _____
WELL OPERATOR Pennzoil Company DESIGNATED AGENT James A. Crews
ADDRESS P. O. Box 1588 ADDRESS P. O. Box 1588
Parkersburg, WV 26101 Parkersburg, WV 26101

DATE Nov. 30, 1978
OPERATOR'S WELL NO. 3
API WELL NO. 47-103-1120
STATE COUNTY PERMIT

6.W. SOLEC - 3

CHANGED TO (3)
 Well No. 573 G W Soles 135 Farm.
 Lease No. Clay District Wetzel County, W.
 Rig built by P. F. Rice & Bros
 Well drilled by Jackson & Walker Contractor.
 Began drilling June 11 1904 Completed Aug 18 1904

ROCK FORMATION.	TOP.	BOTTOM.	REMARKS.
Conductor	10		Steel line
Pin Coal	872	873	872
Big Sunward	1357	1470	1315
Gas Sand	1612	1640	1612
Salt	1672	1872	2080
Big lime	2040	2110	2134
Sh. wh.	2110	2390	2485
Five foot	2830	2840	spot May 1-25-30 gals.
Stray Sand	2940	2973	Minute because feet taken
Oregon	2973	3000	3/4 ft in 2" opening:
Oil	2985		1 min. 6 pounds
Fourth	3034	3045	2 " 15 "
			3 " 20 "
			4 " 22 "
			5 " 25 "
			10 " 45 "
			15 " 48 "
			1 hr. 42 "
			R.P. 45 "
			L.P. 35 "
			Gas 1612
			" 2:35 1/2 Water
Total Depth		3064	

CASING RECORD.

Size	CHARGED TO WELL.		PUT IN WELL.		PULLED OUT.		LEFT IN WELL.		Transferred before Completion		Left at Well Not in Use.	
	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.
8"			272		231		41					
6"			1315		1315							
4"			2095				2095					
2"			2573				2573					
			2156									

Production 1st 24 Hours 1500 Bbls. Signed J. D. Dittwell, Supt.

47-103-1120