



2.35S
1.79W

TOPO LOC 7 1/2 ✓
W-9450'
S-12,400'

RUN

FILE NO. _____
DRAWING NO. _____
SCALE 1"=1320'
MINIMUM DEGREE OF ACCURACY _____
PROVEN SOURCE OF ELEVATION _____

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 MINES.

(SIGNED) Smuel J. Law
R.P.E. _____ U.S. 247

PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
FORM IV-6 (8-78)



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

DATE MAR 25 1980
OPERATOR'S WELL NO. GW 98(A38)
API WELL NO. _____
47 - 017 - 2135
STATE COUNTY PERMIT

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS,") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW X
LOCATION: ELEVATION 1150' WATER SHED LEFT FK OF ARNOLDS CK
DISTRICT WEST UNION COUNTY DODDRIDGE
QUADRANGLE OXFORD 7 1/2, Holbrook NE
SURFACE OWNER _____ ACREAGE _____
OIL & GAS ROYALTY OWNER MAXWELL 'A' LEASE ACREAGE _____
LEASE NO. _____
PROPOSED WORK: DRILL ___ CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) F.E.R.C. FILING
PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
TARGET FORMATION _____ ESTIMATED DEPTH _____
WELL OPERATOR CITES SERVICE Co DESIGNATED AGENT SAM L. MATTHEWS
ADDRESS PO BX 873 ADDRESS PO BX 873
CHARLESTON WV CHARLESTON WV

RECORD OF LEWIS MAXWELL. WELL # 38 COLUMBIAN # 98

WELL WAS DRILLED BY THE COLUMBIA CARBON CO. OF WILLIAMSPORT. PA.
 CONTRACTOR F.S.GREATHOUSE. OF WESTON. WEST. VIRGINIA.
 STARTED RIG UP NOV 17/1920 FINISHED DRILLING JANUARY 4 /1921

RECORD KEPT OF ALL FORMATIONS TOP AND BOTTOM & THICKNES

Formation	Top	Bottom	Thickness	Feet
Soil	0	16	16	
Conductor	0	16	16	Feet
Red Rock	16	20	5	"
Sand	20	35	15	"
Red Rock	35	40	5	"
Lime	40	80	40	"
Red Rock	80	115	35	"
Lime	115	140	25	"
Red Rock	140	220	80	"
Hurry Up Sand	220	310	90	"
Red Rock	310	320	10	"
Lime	320	400	80	"
White Slate	400	520	120	"
Red Rock	520	650	130	"
Sand	650	710	60	"
Slate & Shells	710	860	150	"
Red Rock	860	875	15	"
Lime Shells	875	935	60	"
White Lime	935	965	30	"
Lime Dark	965	1035	70	"
Gritty Lime	1035	1080	45	"
LIME Black	1080	1135	55	"
Gritty Lime	1135	1155	20	"
Black Lime	1155	1165	10	"
1 st Sslt Sand	1165	1225	60	"
LITTLE SHOE OF OIL ✓	1175	XXXXXXXXXXXXXXXXXXXXXXXXXX		
Slate Black	1225	1235	10	"
LITTLE SHOE GAS	1235	XXXXXXXXXXXXXXXXXXXXXXXXXX		
2 nd Salt Sand	1235	1344	109	"
Little Shoe Of OIL ✓	1250	XXXXXXXXXXXXXXXXXXXXXXXXXX		
Slate	1344	1430	86	"
3 rd Salt Sand	1430	1540	110	"
LITTLE SHOE GAS ✓	1530	XXXXXXXXXXXXXXXXXXXXXXXXXX		
SLATE & SHELLS	1540	1650	110	"
Red Rock	1650	1685	35	"
SLATE	1685	1695	10	"
Lime	1695	1715	20	"
Slate	1715	1725	10	"
LITTLE LIME	1725	1740	15	"
Pencil Cave	1740	1748	8	"
Big Lime	1748	1800	52	"
Big Injun Sand	1800	1900	100	"
LITTLE GAS ✓	1865	XXXXXXXXXXXXXXXXXXXXXXXXXX		
Slate & Shells	1900	2030	130	"
Gentz Sand	2030	2162	132	"
Slate & Shells	2162	2244	82	"
Lime Hard	2244	2280	36	"
Slate	2280	2350	70	"
Lime	2350	2385	35	"
Slate	2385	2458	73	"
GORDEN STRAY SAND	2458	2462	4	"
GORDEN SAND Slate	2462	2475	13	"
GORDEN SAND	2475	2480	5	"
OIL & GAS ✓	2476	2478	2	"
SLATE	2480			
TOTAL DEPTH	2488			

THIS WELL WAS SHOT JANUARY 11/1921 WITH 10 Quarts OF NITROGLYCERINE
 CASING PUT IN 10" 675 Feet 8 1/4 . 1043 Feet 6 5/8 . 1838 Feet
 CASING PULLED 8 1/4 . 1043 Feet 10" . 675 Feet

DRILLERS ON WELL W.E.PLANIGAN. OF WESTON. WEST. VIRGINIA.
 " " " J.M.DAVIS. " " "
 TOOLDRESSERS HENRY . PLSHER. " " "
 " " " D. R? BEACHOLAR. " " "

COPYED FROM ORIGINAL WELL RECORD BY F.S.GREATHOUSE.

017-2135