

190S
2.03W
7.5' loc
calc. 428/90

7'5 OGIS topo location

7.5' loc _____ 15' loc 4.98S
_____ (calc.) 4.26W

Company _____

Farm _____

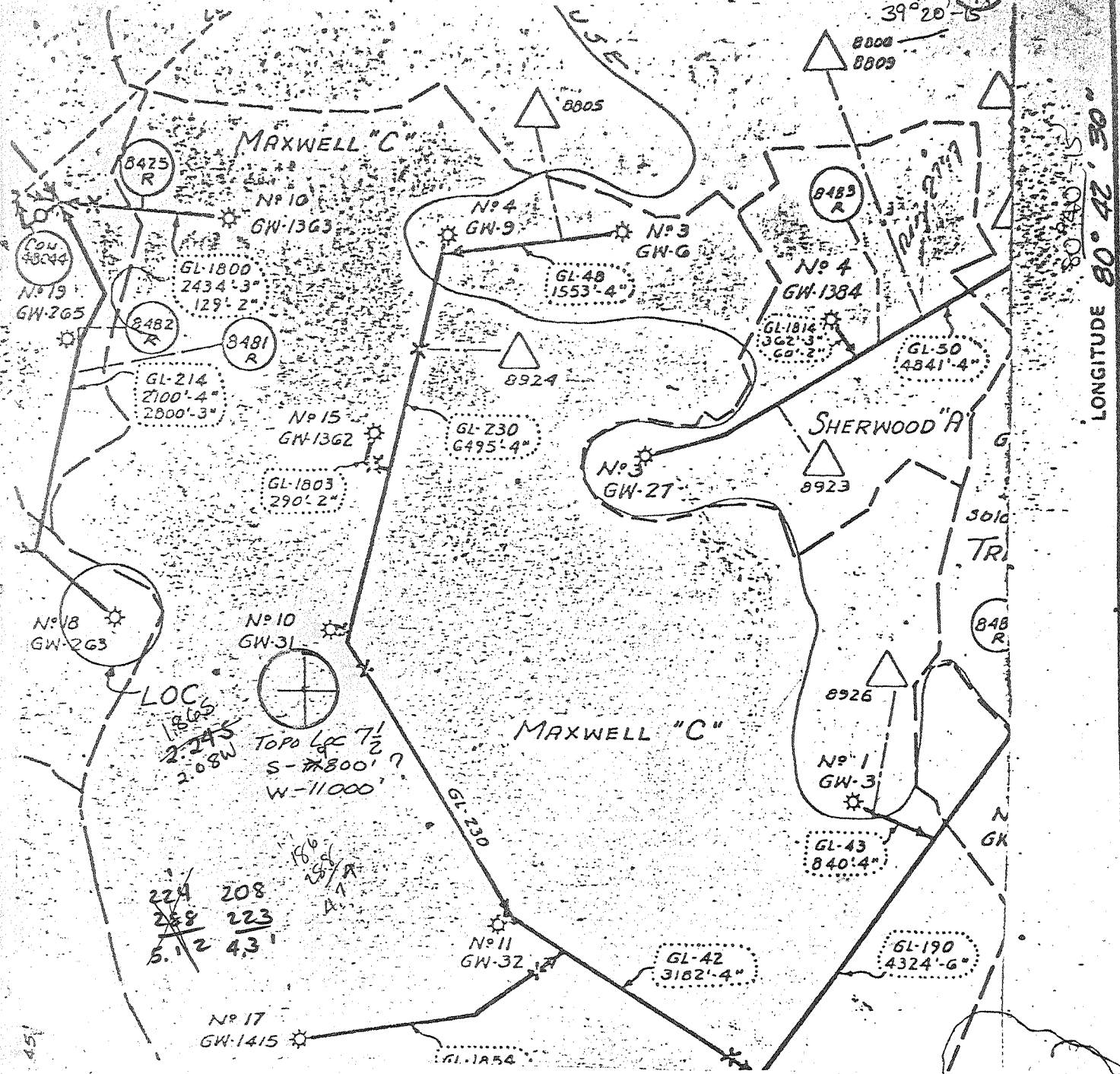
Quad Smithburg Centerpoint 15' SW

County _____

District West Union

WELL LOCATION MAP

File No. Dodd 2148



PLAT 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) Arnold J. Bay
 R.P.E. _____ L.L.S. 247

PLACE SEAL HERE

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



DATE MAR 26 19 80
 OPERATOR'S WELL NO. GW 263 (B-1B)
 API WELL NO. 47 - 017 - 2148
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW X
 LOCATION: ELEVATION 1105' WATER SHED MERTHOUSE FORK
 DISTRICT NEW MILTON COUNTY DODDRIDGE
 QUADRANGLE SMITHBURG 7 1/2 Cornerpoint SW
 SURFACE OWNER _____ ACREAGE _____
 OIL & GAS ROYALTY OWNER MAXWELL 'B' 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 CITIES SERVICE Co. DESIGNATED AGENT SAM J. MATTHEWS
 ADDRESS PO BX 873 ADDRESS PO BX 873
CHARLESTON WV 25373 CHARLESTON WV 2532

RECORD OF LEWIS, MAXWELL, WELL NO 18
 WAS DRILLED BY THE COLUMBIA CARBON CO. OF WILLIAMSPORT, PA.
 CONTRACTOR P.S. GREATHOUSE, OF WESTON, WEST. VIRGINIA:
 COMMENCED SPUDING SEPT. 23/1925 COMPLETED DRILLING OCT. 30/1925

RECORD KEPT OF ALL FORMATIONS	TOP	& BOTTOM	& THICKNESS
SOIL & RED ROCK	0	20	20 Feet
Conductor box	0	15	15 "
Bastard Line	20	60	40 "
Slate	60	100	40 "
Coal	100	105	5 "
Line	105	200	95 "
Sand Hurry Up	200	250	50 "
Line	250	475	225 "
Red Rock	475	520	45 "
Slate	520	580	60 "
Line	580	620	40 "
Red Rock	620	627	7 "
Line	627	695	68 "
Red Rock	695	725	30 "
Line	725	745	20 "
Black Shale	745	775	30 "
Red Rock	775	795	20 "
Line	795	865	70 "
Black Shale	865	885	20 "
Line	885	895	10 "
Gas Sand	895	978	83 "
Line	978	1005	27 "
1st Salt San	1005	1150	125 "
Slate	1150	1145	15 "
Line	1145	1210	65 "
2nd Salt Sand	1210	1270	60 "
Slate	1270	1370	100 "
Line	1370	1400	30 "
Slate	1400	1430	30 "
3rd Salt Sand	1430	1495	65 "
LITTLE GAS	1465	XXXXXXXXXXXXXXXXXXXXXX	
Slate	1495	1600	105 "
Line	1600	1625	25 "
RED ROCK	1625	1630	5 "
LITTLE LIME	1630	1677	47 "
BLUE MONDAY SAND	1677	1697	20 "
SHOE OF OIL & GAS	1690	1695	5 "
SLATE	1697	1701	4 "
STEAL LINE MASURMENT	XXXXXXXXXXXXXXXXXXXXXX		1731 "
BIG LIME	1701	1766	65 "
BIG INJUN SAND	1766	1860	94 "
LITTLE GAS - 1788 & 1800 & 1815			
SLATE	1860	1890	30 "
SQUAW SAND	1890	2160	270 "
SLATE & SHELLS	2160	2217	57 "
SAND	2217	2237	20 "
LIME	2237	2434	197 "
STRAY GORDEN SAND	2434	2444	10 "
SLATE	2444	2450	6 "
GORDEN SAND	2450	2463	13 "
GAS	2452	2460	8 "
SLATE	2463	2470	7 "
TOTAL DEPTH	2470		

PAY SAND
 PAY SAND
 PAY SAND

DRILLERS ON WELL W.E. FLANNIGAN, & O.L. PRATT, OF WESTON, WEST. VIRGINIA
 TOOLDRESSERS D.R. BEACHOLAR, & HENRY PLESHER.
 CASING PUT IN WELL IN 10" .288 . 8 1/4 - 930 6 5/8 - 1780 feet
 CASING PULLED 10" 286 FEET X WELL WAS TUBED WITH 2" TUBING
 ANKER BELOW PACKER 693 FEET. PACKER SET AT 1777 FEET. TUBING TALEY 247
 BRADEN HEAD 8 1/4 TO 6 5/8 - BRADEN HEAD 6 5/8 TO 22
 COMPLETED AND SHUT IN NOVEMBER 5/1925
 RECORD COPIED FROM ORIGINAL WELL RECORD BY

P. S. GREATHOUSE, WESTON, W. VA.

017-2148

CODE No. G. W. 263

NAME Lewis Maxwell Well #18-E

N. E.

CASING AND TUBING

PACKERS

GAS, WATER AND OIL RECORD

DATE	PUT IN WELL	PULLED	CASING FT.	SIZE	MAKE	SET AT	LIQUID OR GAS	DEPTH	FT. RAISED IN HOLE	VOLUME
Conductor			13'	2" x 7"	Anchor	1777	Gas SAND	895 - 978		
10"	286	286								
6 1/2"	930						Little Gas	1465		
6 5/8"	1780						SHOW OF Oil & Gas	1690 - 1695		
2"	2477						Little Gas	1788, 1880 & 1815		
2 3/8"	1843 1/4"						Gas	2452 - 2460		

Doddridge Co.
yes Elog

2148

RECORD OF SHOT

DATE SHOT	FROM	TO	SAND	TYPE OF EXPLOSIVE	QUANTITY	PRODUCTION BEFORE SHOT	PRODUCTION AFTER SHOT
							Not shot

DEPLETION CALCULATION

GRAPHIC

FROM TO THICKNESS

FORMATION

DEPTH	FORMATION	THICKNESS
0	Soil & Red Rock	00
0	Conductor box	13
20	Lime	60
20	Slate	100
100	Coal	105
105	Lime	200
200	Sand - Hurry Up	250
250	Lime	475
475	Red Rock	520
520	Slate	580
580	Lime	620
620	Red Rock	627
627	Lime	695
695	Red Rock	725
725	Lime	745
745	Black Shale	775
775	Red Rock	795
795	Lime	865
865	Black Shale	885
885	Lime	895
895	Gas Sand	978
978	Lime	1005
1005	1st. Salt Sand	1130
1130	Slate	1145
1145	Lime	1210
1210	2nd. Salt Sand	1270
1270	Slate	1370
1370	Lime	1400
1400	Slate	1430
1430	3rd. Salt Sand	1495
1495	Little gas	1465
1465	Slate	1495
1495	Lime	1600
1600	Red Rock	1625
1625	Little Lime	1630
1630	Blue Monday sand	1677
1677	Show of oil & gas	1690
1690	Slate	1695
1695	Slate	1701
1701	Steel line measurement	1731
1731	Big Lime	1701
1701	Big injun sand	1766
1766	Little gas 1788, 1800 & 1815	1860
1860	Slate	1890
1890	Squaw sand	1890
1890	Slate & Shells	2160
2160	Sand	2217
2217	Lime	2237
2237	Stray Gordon Sand	2434
2434	Slate	2444
2444	Gordon Sand	2450
2450	Gas	2463
2463	Slate	2470
2470	Total depth	2470'

DATE	LINE PRES.	MINUTES						TIME SHUT IN	ROCK	VOLUME	BAND	REMARKS	
		1	2	3	4	5	6						
11-5-25	10	20	46					24	720	786,720			
12-31-25	10	40	70	154				1	225	685,120			
6-1-26	3	32	56	120				1	164	160,000			
6-1-26	3	42	58	113				1	154	67,392			
12-31-26	9	30	43	107	156			1	156	13,440			
6-30-27	7	27	45	104	150					126,240			
12-31-27	7	25	44	103				1	148	115,968			
6-30-28	5	30	47	97	140			1	140	105,792			
12-31-28	5	35	52	102				1	135	67,392			
6-30-29	3	44	60	105	140					115,968			
12-1-29	7	32	49	99	140					105,792			
6-30-30	6	64	116	157	180					94,560			
12-1-30	6	66	100	144	172					94,560			
6-30-31	4	60	100	140						83,040			
12-30-31	8	56	98	140				1	168	94,560			
6-32	6	46	100	136	160					83,040			
12-31-32	13	14	30	46	60	72	104	138	162	24	275	94,560	
6-33	26	20	36	50	64	76	110	146	170			67,392 Blk'dn.	
12-1-33	6	10	22	32	46	58	90	140	168			67,392 "	
6-1-34	6	17	25	45	55	65	110	155	175			67,392 "	
12-1-34	4	18	32	45	58		100	140	166			83,040 Blown 1/2 hr.	
6-15-35	4	18	31	46	60		110	150	175			67,392 "	
12-15-35	6	5	10	15	18		34	80	122			67,392 "	
6-25-36	6	10	15	18	22	25	38	84	126			67,392 "	

DATE	LINE PRES.	MINUTES						TIME SHUT IN	ROCK	VOLUME	BAND	REMARKS
		1	2	3	4	5	6					
12-1-36	6	10	20	30	40	50	60					
6-1-37	8	17	26	35	50	62	62	100	148	174		
12-1-38	6	12	26	38	50	62	62	104	155	175		
6-1-38	5	15	28	38	50	62	62	104	155	175		
12-1-38	6	12	26	38	50	62	62	104	155	175		
6-1-39	5	16	28	40	52	62	62	104	155	175		
12-1-39	6	10	24	36	48	58	68	76	82	88		
6-1-40	6	10	18	28	37	48	58	68	76	82		
12-1-40	6	10	20	32	42	51	61	68	76	82		
6-1-41	5	12	24	36	48	58	68	76	82	88		
12-1-41	5	12	24	36	48	58	68	76	82	88		
6-1-42	6	12	22	32	42	52	62	72	82	92		
12-1-42	6	12	22	32	42	52	62	72	82	92		
6-1-43	6	12	22	34	46	57	68	78	88	98		
12-1-43	6	12	22	34	46	57	68	78	88	98		
6-1-44	5	12	22	32	42	52	62	72	82	92		
12-1-44	5	12	22	32	42	52	62	72	82	92		
6-1-45	6	12	24	36	46	56	66	76	86	96		
12-1-45	6	12	24	36	46	56	66	76	86	96		
6-1-46	6	12	24	36	46	56	66	76	86	96		
12-1-46	6	12	24	36	46	56	66	76	86	96		
6-1-47	6	12	24	36	46	56	66	76	86	96		
12-1-47	6	12	24	36	46	56	66	76	86	96		
6-1-48	5	12	24	36	46	56	66	76	86	96		
12-1-48	5	12	24	36	46	56	66	76	86	96		
6-1-49	7	15	25	35	49	59	69	79	89	99		
12-1-49	7	15	25	35	49	59	69	79	89	99		
6-1-50	5	8	17	28	36	45	54	63	72	81		
12-1-50	5	8	17	28	36	45	54	63	72	81		
6-1-51	6	12	22	32	42	52	62	72	82	92		
12-1-51	6	12	22	32	42	52	62	72	82	92		
6-1-52	6	12	22	32	42	52	62	72	82	92		
12-1-52	6	12	22	32	42	52	62	72	82	92		
6-1-53	4	12	22	31	48	63	78	93	108	123		
12-1-53	4	12	22	31	48	63	78	93	108	123		
6-1-54	3	11	21	29	31	42	52	62	72	82		
12-1-54	3	11	21	29	31	42	52	62	72	82		
6-1-55	5	10	20	28	38	45	50	58	66	74		
12-1-55	5	10	20	28	38	45	50	58	66	74		
6-1-56	6	10	20	30	38	47	58	68	78	88		
12-1-56	6	10	20	30	38	47	58	68	78	88		
6-1-57	5	14	25	35	42	52	60	68	78	88		
12-1-57	5	14	25	35	42	52	60	68	78	88		
6-1-58	84	11	13	15	17	18	28	37	46	57		
12-1-58	84	11	13	15	17	18	28	37	46	57		

