

CODE NO. GW 308

NAME Lewis Maxwell 19-E

N. 290.17 E. 323.15

CASING AND TUBING

PACKERS

GAS, WATER AND OIL RECORD

SIZE	PUT IN WELL	CASING PT.
10"	208' 8"	208' 8"
3 1/4"	852' 10"	843' 4"
5/8"	1661' 11"	1661' 11"

Not Tubed.

DODD/44

LIQUID OR GAS	DEPTH	FT. RAISED IN HOLE	VOLUME
Little Gas	1607		
" "	1681		
Gas	1698-1705		
Gas	1761		
Gas	2347-2355		
H.F.W.	35'		

100# IN E.I.
204# IN G.M.
304# F.O.F.

WEST UNION - 7 - S.E.

RECORD OF SHOT

DATE SHOT	FROM	TO	SAND	TYPE OF EXPLOSIVE	QUANTITY	PRODUCTION BEFORE SHOT	PRODUCTION AFTER SHOT
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Fracturing Record 9-15-58

Set packer at 1695' Pumped in 400 gallons MCA and loaded tubing
Broke down sand with 20 bbls. water-pumping time 3 min. 1200# maximum pressure.
Pumped in 4,000 gallons water with 40 gallons TMN Nonionic Tergitol and 3400# sand in 10 minutes at 1200# maximum Displaced with 20 bbls. water in 3 minutes.
Released packer and pulled tubing. Cleaned out to 1780.

DEPTH	LIQUID OR GAS	DEPTH	FT. RAISED IN HOLE	VOLUME	DESCRIPTION
0		14	14		Condenser Max
0		14	14		Seal
14		30	16		Lime
30		60	30		Sand
			35		Hole full water
80	125	45			Red Rock
125	150	25			Sand Rock
150	190	40			Red Rock
190	215	25			Lime
215	340	125			Broken Lime
340	350	10			Slate
350	390	50			Lime
390	397	7			Red Rock
397	417	20			Lime
417	426	9			Red Rock
426	485	59			Lime Gritty
485	500	15			Red Rock
500	535	35			Lime
535	540	5			Red Rock
540	575	35			Lime
575	595	20			Sand
595	600	5			Slate
600	615	15			Lime
615	650	35			Red Rock
650	680	30			Lime
680	692	12			Little Dunkard Sand
692	702	10			Slate
702	730	28			Lime
730	745	15			Slate
745	809	64			Lime
809	868	59			Sand
868	875	7			Slate
875	920	45			Sand
920	950	30			Slate
950	960	10			Lime
960	1035	75			Gas Sand
1035	1050	15			Black Slate
1050	1075	25			Sand
1075	1080	5			Slate
1080	1130	50			Lime
1130	1145	15			Slate
1145	1235	90			Lime
1235	1260	25			First Salt Sand
1260	1300	40			Slate
1300	1360	60			Second Salt Sand
1360	1415	55			Slate
1415	1450	35			Lime
1450	1475	25			Third Salt Sand
1475	1495	20			Slate
1495	1515	20			Lime
1515	1542	27			Slate
1542	1570	28			Maxon Sand
1570	1575	5			Slate
1575	1595	20			Little Lime
1595	1600	5			Slate
1600	1670	70			Big Lime
	1607				Little Gas
1670	1764	74			Injun Sand
1763	1766	3			Slate and Shells
1766	1770	4			Lime Shell
1770	1780	10			Slate
1780	1912	132			Lime
1912	2030	118			Gantz Sand
2030	2101	81			Lime Shells

9-24-58 Final open flow 8/10 M. 2" = 440MCF - 280# rock pressure in 24 hours

Pickup:

1 min.	2	3	4	5	10	15
24	32	39	49	55	82	96

line pressure 18#

2100	1145	1235	15	Slate
---	---	---	90	Lime
2200	1235	1260	25	First Salt Sand
---	1260	1300	40	Slate
2300	1300	1360	60	Second Salt Sand
---	1360	1415	55	Slate
2400	1415	1450	35	Lime
---	1450	1475	25	Third Salt Sand
2500	1475	1495	20	Slate
---	1495	1515	20	Lime
2600	1515	1542	27	Slate
---	1542	1570	28	Maxon Sand
2700	1570	1575	5	Slate
---	1575	1595	20	Little Lime
2800	1595	1600	5	Slate
---	1600	1670	70	Big Lime
2900	---	1607	---	Little Gas
---	1670	1764	74	Injun Sand
3000	1763	1766	3	Slate and Shells
---	1766	1770	4	Lime Shell
3100	1770	1780	10	Slate
---	1780	1912	132	Lime
3200	1912	2030	118	Gantz Sand
---	2030	2101	81	Lime Shells
3300	2101	2130	29	Thirty Foot Sand
---	2130	2135	5	Slate
3400	2135	2220	85	Lime
---	2220	2245	25	Fifty Foot Sand
---	2245	2305	60	Lime

CODE NO. GW 308

NAME Lewis Maxwell 19-E

LEASE NO. C-32E

COUNTY Doddridge 44

RECORD OF WELL USE

WATERS

YEARS

COMMENCED Sept. 9, 1933 COMPLETED Oct. 7, 1933

January

DATE SPUNDED Sept. 9, 1933 DATE SHUT IN

February

RIG Standard

March

DRILLERS O.L.Pratt, J.J.Spellacy, Algie McKinney

April

W. O. NO.

I. R. NO.

May

COST COMPLETE: \$8,161

June

COST PER FOOT: \$1.65

July

DATE CONNECTED October 7, 1933 - Temporary Line

August

DATE PLUGGED

DATE AB'D.

September

TOTAL DEPTH 2372

October

C. H. ELEVATION 903

HOW OBTAINED Allidade

November

December

Total on line

Big Injun - Gordon

VOLUME AND PRESSURE TESTS

DATE	LINE PRES.	MINUTES									TIME SHUT IN	ROCK	VOLUME	SAND	REMARKS
		1	2	3	4	5	10	30	60						
10/7/33			5	10	15	19	38	65	(20 min)		-	304,000	BI-GUN	Blown 7 Hours	
12-1-33	20	0	5	7	9	11	20	54	86			150,720			
6-1-34		0	5	8	10	12	25	68	125		185	238,950	BI-GUN	Shut IN.	
12-1-34	7	0	2	4	6		16	50	88			134,400	" "	Blown 1/2 hr.	
6-15-35	7	2	4	6	8		18	50	90			115,968	" "	" 1/2 hr.	
12-15-35	9	2	4	6	8		18	45	82			115,968	" "	" 1/2 "	
6-25-36	9		2	4	6	8	14	44	82			105,792	" "	" 1/2 "	
12-15-36	8	2	4	6	8	10	18	44	82			94,560	" "	" 1/2 "	
6-15-37		2	4	6	8	11	22	56	100			134,400	" "	" 1/2 "	
12-1-37	10		2	4	6	8	16	42	74			115,968	" "	" 1/2 "	
6-1-38	10		3	6	8	10	16	42	76			74,560	" "	fluid in 1/2 well	
12-1-38	7				2	4	10	36	74			87,000	" "	Blown 1/2 hr.	
6-1-39	8		2	4	5	6	12	38	70			84,000	" "	" 1/2 "	
12-1-39	9		2	4	6	8	14	38	66			84,000	" "	" 1/2 "	
6-1-40	8			2	4	6	12	38	78			73,800	" "	" 1/2 "	
12-1-40	8			2	4	6	10	28	60			84,000	" "	" 1/2 "	
6-1-41	8		2	4	6	8	14	36	60			84,000	" "	" 1/2 "	
12-1-41	8	2	4	6	8	10	15	34	62			73,000	" "	" 1/2 "	
6-1-42	8		2	4	5	8	12	30	60			60,000	" "	" 1/2 "	
12-1-42	9	-	2	4	6	8	14	32	60			73,000	" "	" 1/2 "	
6-1-43	8		2	4	6	8	12	32	56			60,000	" "	" 1/2 "	
12-1-43	8	-	-	2	4	6	10	30	56			84,000	" "	" 1/2 "	

VOLUME AND PRESSURE TESTS

DATE	LINE PRES.	MINUTES					10	30	60	TIME SHUT IN	ROCK	VOLUME	SAND	REMARKS
		1	2	3	4	5								
6-1-44	8	0	2	4	6	8	12	32	54		14,900		dry & low flow 30 min	
12-1-44	7			4	4	6	12	30	54		60,000		" "	
6-1-45	8			2	4	6	12	30	50		60,000		" "	
12-1-45	8		2	4	6	7	12	28	52		60,000		" "	
6-1-46	8	0	0	2	3	4	10	38	50		60,000		" "	
12-1-46	9		1	2	4	6	12	32	52		73,000		" 30 min	
6-1-47	7			1	2	4	10	30	51		60,000		" 1/2 hr	
12-1-47	-	-	-	2	3	4	10	29	52		73,000		" "	
6-1-48	9	-	1	3	5	6	11	29	48		73,000		" Bailed	
12-1-48	9	-	-	-	2	4	9	26	53		73,000		" "	
6-1-49	6	-	-	-	2	5	10	26	52		73,000		" "	
12-1-49	5	-	1	2	3	4	8	24	43		60,000		" 1/2 hr	
6-1-50	5	-	-	1	2	3	7	25	45		60,000		" "	
12-1-50	5	-	1	2	3	4	8	26	38		42,000		" 1/2 hr	
6-10-51	6	1	2	3	4	5	8	26	35		60,000		" "	
12-11-51	5	-	-	2	3	4	9	24	35		60,000		" "	
6-5-52	5	0	1	2	3	4	8	22	38		60,000		" "	
12-12-52	5	0	0	2	3	4	8	23	35		60,000		" "	
6-17-53	6	0	1	2	3	5	9	24	32		60,000		" "	
12-15-53	6	0	1	2	3	4	9	24	35		60 M		" "	
6-16-54	12	0	1	2	3	5	8	22	37		60 M		" "	
7-20-54	10	10	10	11	12	14	18	29	43					
9-23-54	9	9	10	11	11	13	16	28	42					
12-21-54	6	0	1	2	3	5	8	23	37		60 M		" "	
6-2-55	7	1	2	3	4	5	8	22	37		60 M		" "	
8-30-55	6	6	7	8	9	10	14	26	42					
10- - 55										1 da 25	60 M		cas. in hole	
12-20-55	11	0	2	3	4	5	9	29	38		60 M		flow 1/2 hr	
1-18-56	11	11	11	12	13	14	17	29	42					
2-24-56	7	7	7	8	10	12	14	28	41					
3-21-56	7	7	7	8	10	12	14	28	42					
6-7-56	7	0	1	2	3	4	8	23	37		60 M		" "	
8-29-56	8	8	9	10	11	12	15	27	42					
12-17-56	7	0	1	2	3	4	8	21	35		60 M		" "	
5-28-57	7	0	1	2	3	4	8	21	35		60 M		" "	
10-8-57	8	8	8	8	9	10	15	27	35					
11-20-57	8	0	0	0	1	2	6	19	34		60 M		" "	
3-25-58	8	8	8	8	9	10	15	27	38					
5-22-58	8	8	9	10	11	13	16	27	39					