

10-12-96W:371



W.B. Middlekrauff #1.
 Sec.- 10-12-9W,
 Lincoln County, Ks.

Prairie O&G Co.

Loc.- 200' from S. line--
 200' from E. line

Location made- 6/29/17
 Drilling comp.- 4/4/19

CASING RECORD:

20"	146'5"
15 1/2"	415'2"
12 1/2"	1146'2"
10"	1693'2"
8 1/2"	2652'4"
6 5/8"	3018'3"
5 3/16"	3560'

Black soil soft	4	4	Lime	21	1068
Gray soil soft	6	10	Red rock & brown slate	34	1102
Rock red soft	6	16	White lime	26	1128
Shale brown	9	25	Gray shale	2&6	1136
Quick sand	5	30	Gray shale	2	1138
Red rock	9	39	Red rock	22	1160
Slate white	11	50	light show oil at		1160
sand	10	60	Lime white	60	1220
Slate white	30-	90	Salt shell	20	1240
Slate & clay blue	40	130	Lime white	36	1276
Slate white	22	152	Sand gray	4	1280
Slate & R. rock	18	170	Sand white	20	1300
Lime white	13	183	4 blrs. 120 per. hr. at		1282
Slate blue	14	197	Slate gray	5	1305
Slate white	4	201	Red shale	15	1320
Lime white	4	207	Lime	15	1336
Slate white	8	215	Shale brown	2	1337
Sand	5	220	Lime white very hard	8	1345
Very light show gas & oil	219'		Red rock	5	1350
Slate blue	11	231	Lime white	30	1380
Red rock	9	240	Slate	5	1385
Slate & R. rock soft	40	280	Red rock	27	1412
Lime white hard	10	290	Slate	8	1420
Slate white	2	292	Lime gray	30	1450
Lime	8	295	Red rock	10	1460
Red rock	5	300	Slate & lime shells	35	1495
Slate & shells	12	312	some water in lime		
ed rock Red Rock	99	411	Red rock	7	1502
White slate	8	419	Lime	18	1520
Red rock	51	470	Slate	15	1535
White slate	12	482	Red rock	21	1556
Blue slate	29	510	White slate	42	1598
Red rock	70	580	Lime	12	1610
Brown shale	15	595	Slate white	26	1636
Blue shale	105	700	Lime & black shale	50	1666
Lime white	42	742	Red rock	20	1685
Salt	136	878	Slate blue	25	1710
Blue slate & shells	34	912	Lime white	15	1725
White slate	28	940	Slate	80	1805
Lime white hard	40	980	Slate	21	1826
White slate, lime & shells	35	1015	Slate & shells	42	1868
Lime	17	1032	Underreaming 8" casing at		1842
Red rock	13	1047	Shells	10	1878

Carter Oil Co.

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Shells & slate	100	1978	Slate white soft	2	3384
Lime	10	1988	Lime white hard	30	3414
Slate	12	2000	Slate white soft	18	3432
Shells	10	2090	Lime white hard	34	3464
Lime	5	2095	H2O sand white soft	4	3468
Slate black	5	2100	Lime gray hard	7	3475
Lime	25	2125	Red rock soft	3	3478
Slate	57	2180	Lime gray hard	2	3480
Lime	12	2192	Slate blue soft	38	3518
Slate & shells white	71	2263	Lime white hard	10	3528
Lime	10	2273	Slate black soft	17	3545
Lime	29	2302	Lime gray brkn.	8	3553
Sand	105	2307	Slate white soft	7	3560
Lime	60	2367	Lime white brkn.	12	3572
Slate	41	2410			
Lime	89	2499			
Slate black	101	2500			
Slate & shale	48	2548			
Sand	13	2561			
Slate	87	2648			
Slate & shells	16	2664			
Lime	11	2675			
Lime & shells	41	2716			
Lime	11	2727			
Slate	4	2731			
Sand	9	2740			
Slate	10	2750			
Lime	5	2755			
Sand	58	2813			
6 B.W. per hr. at top of 2773					
Slate- HW at 2800'	7	2820			
Lime	45	2865			
Slate	10	2875			
Lime	12	2887			
Sand	11	2898			
Lime	11	2909			
Sand white hard	21	2930			
Lime sand	8	2938			
Slate soft	5	2943			
Lime hard	9	2952			
Slate soft	17	2969			
Red rock	12	2981			
Slate black	19	3000			
3018' of 6 5/8" csg. in hole					
Lime white hard	20	3020			
Slate black soft	14	3034			
Lime gray hard	6	3040			
Slate black soft	55	3095			
Red rock red soft	120	3215			
Sand gray hard	120	3335			
Hole full water at 3245					
Lime gray hard	47	3382			