

Air Drilling Specialist
Oil & Gas Wells

THORNTON AIR ROTARY, LLC
Office Phone: 620-879-2073

PO Box 449
Caney, KS 67333

Date Started	5/16/2012
Date Completed	5/18/2012

Well No.	Operator	Lease	A.P.I #	County	State
14	Larry Watt	Longhorn	15-125-32220-00-00	Montgomery	Kansas

Prospect

1/4	1/4	1/4	Sec.	Twp.	Rge.
			9	35	15 E

Driller	Type/Well	Cement Used	Casing Used	Depth	Size of Hole
Brantley	Oil	5	22' 5" 8 5/8	1262	6 3/4

Formation Record

0-10	CLAY	897-907	BLACK SHALE	1222-1224	SANDY LIME / LT ODOR
10-12	LIME	907-909	LIME	1224-1226	SANDY SHALE
12-22	SHALE	909-911	SHALE	1226-1262	SHALE
22-36	SANDY SHALE	911-929	LIME	1262	TD
36-96	SAND	929-937	BLK SHALE		
111	WENT TO WATER	937-954	LIME / ODOR		
96-173	SANDY SHALE	954-961	SHALE		
173-179	SAND	961-963	COAL		
179-186	SHALE	963-970	LMY SHALE		
186-205	SAND	970-976	SAND		
205-207	LIME	976-990	LMY SHALE		
207-251	SHALE	990-991	COAL		
251-256	LIME	991-997	SANDY SHALE		
256-276	SHALE	997-1032	SHALE		
276-298	SAND	1032-1034	LIME		
298-479	SHALE	1034-1045	SANDY SHALE		
479-481	SAND (WAYSIDE)	1045-1047	LIME		
481-500	SANDY SHALE	1047-1048	COAL		
500-505	LMY SHALE	1048-1057	SAND		
505-515	LIME	1057-1097	SHALE		
515-573	SANDY SHALE	1097-1099	LIME		
573-617	LIME	1099-1120	SHALE		
617-729	SHALE	1120-1121	COAL		
729-761	LIME	1121-1137	SAND		
761-781	BLACK SHALE	1137-1172	SANDY SHALE		
781-791	SAND	1172-1175	LIME		
791-821	SHALE	1175-1205	SHALE		
821-847	SAND	1205-1210	SANDY SHALE		
847-875	SHALE	1210-1220	SHALE		
875-897	LIME	1220-1222	LIME		