

SIDE TWO

Operator Name Everett E. Miller Lease Name McNown Well # 17

Sec. 33 Twp. 32 Rge. 10 East West County Chautauqua

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken Yes No
Samples Sent to Geological Survey Yes No
Cores Taken Yes No

Formation Description
 Log Sample

Name Top Bottom
Arbuckle

See attached Drillers Log

	Oil	Gas	Water	Gas-Oil Ratio	Gravity
Estimated Production Per 24 Hours	15 Bbls	MCF	2% Bbls	CFPB	

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (in O.D.)	Weight Lbs/Ft.	Setting Depth	Type of Cement	#Sacks Used	Type and Percent Additives
Surface Production	10" 6 1/2"	7" 4 1/2"		41 2233	Portland	15	

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
	Open Hole	None	

TUBING RECORD	Size	Set At	Packer at	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No
	2"	1868'	None	None	

Date of First Production 7-15-86 Producing Method Flowing Pumping Gas Lift Other (explain).....

Thompson Drilling Co., Inc.
 125 South 26th Street
 Independence, Kansas 67301
 (316) 331-3092

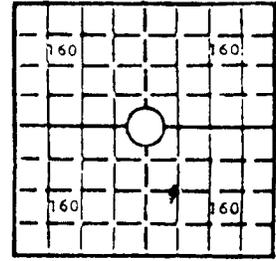
DRILLERS LOG

S. 33 T. 32 R. 10 E
 W

Loc. **33-32-10E**

County _____ Co. _____

640 Acres
 N



Locate well correctly

Elev.: Gr. _____

DF _____ KB _____

PI No. 15 - 019 - 25,260
 County Number

Operator
 Evertt Miller

Address
 P.O. Box 236 Longton, Kansas 67352

Well No. 17 Lease Name McNow

Footage Location
 660 Ft North from Southeast Corner of Section 1820 Ft West from Southeast Corner of Section

Principal Contractor: Thompson Drilling Co., Inc. Geologist: Evertt Miller

Spud Date: 7-7-1986 Total Depth: 2237 P B T D

Date Completed: AUG 22 1986 Oil Purchaser

CASING RECORD

Report of all strings set—surface, intermediate, production, etc.

Purpose of string	Size hole drilled	Size casing set (in O. D.)	Weight lbs. ft	Setting depth	Type cement	Sacks	Type and percent additives
SURFACE	10"	7"		41	Portland	15	
PRODUCTION	6 1/4"	4 1/2"		2233			

WELL LOG

Show all important zones of porosity and contents thereof, cored interval, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut in pressures, and recoveries.

1011-Odor-oil on pit
 1133-Odor-Oil On pit
 1317-1328 gas odor-oil

Formation	Top	Btm.	Formation	Top	Btm.	Formation	Top	Btm.
Lime	0	2	Lime	260	262	Sand-Odor, Oil	1011	1030
Clay	2	20	Shale	262	267	Sand	1030	1056
Lime	20	23	Shale Red Bed	267	283	Sandy Shale	1056	1080
Clay	23	34	Sand	283	316	Sand	1080	1109
Lime	34	35	Lime	316	319	Shale	1109	1112
Red Bed	35	44	Sandy Shale	319	328	Sandy Shale	1112	1133
Shale	44	56	Sand	328	352	Sand Odor	1133	1171
Lime	56	57	Sandy Shale	352	407	Lime	1171	1173
Shale	57	67	Lime	407	409	Shale	1173	1183
Lime	67	71	Shale	409	414	Lime	1183	1215
Shale	71	74	Lime	414	420	Sandy Shale	1215	1240
Lime	74	77	Shale	420	451	Sand	1240	1272
Shale	77	83	Lime	451	455	Sandy Shale	1272	1294
Sand	83	96	Shale	455	542	Lime	1294	1312
Shale	96	102	Lime	542	550	Shale & Lime	1312	1317
Sand	102	122	Sandy Shale	550	592	Lime Odor	1317	1328
Lime	122	124	Lime	592	594	Lime	1328	1356
Sand	124	136	Shale	594	613	Shale	1356	1359
Lime	136	137	Sand	613	682	Lime	1359	1381
Shale	137	145	Shale	682	846	Shale	1381	1397
Sand	145	176	Lime	846	854	Lime	1397	1402
Sandy Shale	176	225	Sand	854	926	Sand	1402	1413
Lime	225	255	Shale	926	999	Sandy Shale	1413	1455
Lime	255	260	Lime & Shale	999	1011	Lime	1455	1482

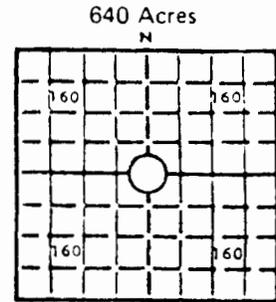
Thompson Drilling Co., Inc.
 125 South 26th Street
 Independence, Kansas 67301
 (616) 331-3092

DRILLERS LOG

S. 33 T. 32 R. 10 E
 W
 Loc. 33-32-10E
 County Cg.

No. 15 - 019 - 25,260
 County Number

Operator Everett Miller	
Address P.O. Box 236 Longton, Kansas 67352	
Well No 17	Lease Name McNoun
Storage Location <u>660</u> Ft North from Southeast Corner of Section <u>1820</u> Ft West from Southeast Corner of Section	
Principal Contractor Thompson Drilling Co., Inc.	Geologist Everett Miller
Spud Date 7-7-1986	Total Depth 2237
Date Completed 7-12-1986	P B T D
	Oil Purchaser



Locate well correctly
 Elev.: Gr. 1036
 DF KB

CASING RECORD

Report of all strings set—surface, intermediate, production, etc.

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs. ft.	Setting depth	Type cement	Sacks	Type and percent additives
SURFACE	10"	7"		41	Portland	15	
PRODUCTION	6 1/4"	4 1/2"		2233			

WELL LOG

Show all important zones of porosity and contents thereof, cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

Odor-1487-1511
 Gas Odor 1617-1642
 Good Odor 1940-1955

Formation	Top	Btm.	Formation	Top	Btm.	Formation	Top	Btm.
Shale	1482	1487	Shale	2237	2238			
Sand Odor	1487	1511	Shale	2238	2240			
Sandy Shale	1511	1568	Shale	2240	2242			
Lime Pink	1568	1591	Shale ArbOdor	2242	2244			
Shale	1591	1597	Sandy Shale	2244	2245			
Lime (OSW)	1597	1642	Sandy Shale	2245	2245			
Shale	1642	1647	Sandy Shale	2245	2246			
Lime (OSW)	1647	1657	Sandy Shale	2246	2247			
Shale	1657	1661	Sandy Shale	2247	2248			
Lime (OSW)	1661	1671	Sandy Shale	2248	2249			
Sandy Shale	1671	1684	Sandy Shale	2249	2250			
Shale	1684	1713	Sandy Shale	2250	2251			
Coal	1713	1715	Sandy Shale	2251	2252			
Shale	1715	1759	1" Slate 6"	2252	2254			
Lime	1759	1760	Brown Sand	2254	2254			
Sandy Shale	1760	1928	Brown Sand	2254	2255			
Miss. Chat.	1928	1930 Odor	Brown Sand	2255	2255			
Miss.	1930	2208	Brown Sand	2255	2256			
Shale	2208	2237	Brown Sand	2256	2256			
D.	2237		Oil Sand	2256	2257			
(Continued)			Oil Sand	2257	2257			
			Good Oil Sand	2257	2258			
			TD	2259				