

State Geological Survey  
WICHITA, BRANCH

KANSAS DRILLERS LOG

S. 6 T. 15S R. 29 E  
W

Loc. E/2 SE NE

County Gove

API No. 15 — 063 — 20,284  
County Number

Operator  
Okmar Oil Company

Address  
970 4th Financial Center, Wichita, Kansas 67202

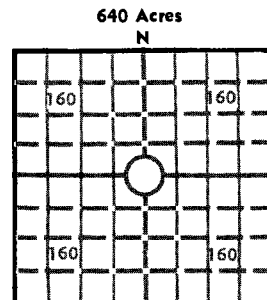
Well No. 1 Lease Name Lundgren

Footage Location  
660 feet from (M) (S) line 330 feet from (E) (X) line NE/4

Principal Contractor Strata Drilling Company Geologist Bob Lewellyn & Tyler Sanders

Spud Date December 29, 1975 Total Depth 4295' P.B.T.D.

Date Completed January 12, 1976 Oil Purchaser Central Crude



Locate well correctly  
Elev.: Gr. 2588

DF 2590 KB 2593

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	12 1/4"	8-5/8"	20#	318.82'	Common	200	3% C. C. 2% Gel
Production	7-7/8"	5 1/2"	14#	4294	Common	200	18% Salt

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			4	DP Jet	4218 - 20
TUBING RECORD			4	DP Jet	4063 - 66
			4	DP Jet	4075 - 79
Size	Setting depth	Packer set at	4	DP Jet	3680 - 86
2-3/8"	4090	4090			

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
500 gal regular acid	4218 - 20
500 gal regular acid, 1500 gal retarded acid	4063 - 79
500 gal regular acid, 1500 gal retarded acid	3680 - 86

INITIAL PRODUCTION

Date of first production <u>June 19, 1976</u>	Producing method (flowing, pumping, gas lift, etc.) <u>Pumping</u>
RATE OF PRODUCTION PER 24 HOURS	Oil <u>53</u> bbls. Gas <u>TSTM</u> MCF Water <u>53</u> bbls. Gas-oil ratio ----- CFPB
Disposition of gas (vented, used on lease or sold)	Producing interval (s) <u>4063 - 79, 3680 - 86</u>

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 3830 So. Meridian (P.O. Box 17027), Wichita, Kansas 66217. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Drillers Logs will be on open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

Operator Okmar Oil Company DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: Oil

Well No. 1 Lease Name Lundgren

S 6 T 15 R 29 E W

#	Well No.	Lease Name	SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.			
			TOP	BOTTOM	NAME	DEPTH
#1	3657 - 3693	("B", "C")			Anhydrite	1991
	30/30/60/60				B. Anhydrite	2022
	1st. opening no blow (plugging?)				Heebner	3603
	2nd. opening, fair blow				Toronto	3622
	Rec. 80' OCM, 180' GOCM				Lansing	3639
	1086/1095	14/76 82/141			B. K. C.	3952
#2	3714 - 3732	("E")			Marmaton	3974
	30/30/60/60				Pawnee	4061
	Rec. 5' oil, 95' OCM, 540' water w/SSO				Ft. Scott	4129
	1141/1160	18/146 146/383			Cherokee	4154
#3	3797 - 3860	("H", "I")			Johnson Zone	4200
	30/30/60/60				Mississippi	4249
	Rec. 30' OCM, 90' SOCM, 90' Water w/SSO				LTD	4293
	1113/1113	36/73 91/130				
#4	3850 - 3882	("J") fair show oil				
	30/30/30/30					
	Weak blow - 27 min					
	Rec. 10' mud					
	1113/912	27/36 36/36				
#5	4058 - 4125	(Pawnee)				
	30/30/60/30					
	Strong blow					
	Rec. 760' gas, 620' oil, 380' O&GCM					
	447/456	73/310 319/419				
#6	4122 - 4202	(Ft. Scott & Upper Chero.)				
	30/45/120/60					
	Weak blow					
	Rec. 450' gas, 95' O&GCM					
	474/748	54/73 73/91				
#7	4182 - 4232	(Johnson Zone)				
	30/45/120/60					
	Rec. 5' oil, 195' OCM					
	1113/1022	27/63 63/118				
#8	4253 - 4265					
	30/45/30/30					
	Weak blow - 50 min.					
	Rec. 30' mud					
	1187/1113	18/22 22/22				
#9	4265 - 80					
	30/45/30/30					
	Weak blow - 30 min.					
	Rec. 45' mud					
	1168/1095	18/27 27/27				
#10	4280 - 4295					
	30/45/120/60					
	Weak blow					
	Rec. 95' mud					
	1159/1049	18/27 27/36				

all drill-stem tests, in-pressures, and recoveries.

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		B. Anhydrite	2022
		Heebner	3603
		Toronto	3622
		Lansing	3639
		B. K. C.	3952
		Marmaton	3974
		Pawnee	4061
		Ft. Scott	4129
		Cherokee	4154
		Johnson Zone	4200
		Mississippi	4249
		LTD	4293

NECESSARY, TO COMPLETE WELL RECORD.

*Jim Thatcher*  
Signature  
Jim Thatcher - Engineer  
Title  
September 10, 1976  
Date