

KANSAS DRILLERS LOG

State Geological Survey
WICHITA, BRANCHAPI No. 15 — 065 — 20,829
County Number

Operator

Liberty Enterprises, Inc.

Address 117 East 10th Street Hays, Kansas 67601

Well No.

#2

Lease Name

Gano

Footage Location

feet from (N) (S) line

feet from (E) (W) line

Principal Contractor

Helberg Oil Co.

Geologist

Francis Whisler

Spud Date

5-4-76

Total Depth

4200'

P.B.T.D.

Date Completed

5-14-76

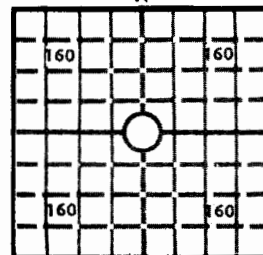
Oil Purchaser

Mobil Oil

S. 5 T. 10 R. 24 $\frac{1}{2}$ W

Loc. NE SE NE

County Graham

640 Acres
N

Locate well correctly

Elev.: Gr. ~~###~~

DF 2512 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	12 $\frac{1}{4}$	85/8		200	Common	125	6units of quick set
Production String	77/8	4 $\frac{1}{2}$	10.5	4096'	Common	125	

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2	3/8	4036-4033
TUBING RECORD			2	3/8	4015-4011
Size	Setting depth	Packer set at			
23/8	4060				

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
4000 gal. of 15% regular acid with inhibitor	Limited Entry 4033-4015

INITIAL PRODUCTION

Date of first production	Producing method (flowing, pumping, gas lift, etc.)				
6-1-76	Pumping				
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio	CFPB
	10 bbls.	MCF	20 bbls.		
Disposition of gas (vented, used on lease or sold)			Producing interval (s)		

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.

DRILLERS LOGGANO # 2CASING RECORD:

8 5/8" set at 230'

TOTAL DEPTH:

4200'

OPERATOR: Liberty Enterprises, Inc.CONTRACTOR: Helberg Oil CompanyCOMMENCED: May 4, 1976COMPLETED: May 14, 1976DESCRIPTION:

NE SE NE

Sec. 5-10-24 Graham County, Kansas

<u>FORMATION</u>	<u>FROM</u>	<u>TO</u>	<u>REMARKS</u>
Shale	0	230	
Shale	230	1050	
Shale	1050	1480	
Shale	1480	1660	
Shale	1660	2154	
Anhydrite	2154	2170	
Anhydrite	2170	2191	
Shale & Shells	2191	2330	
Shale	2330	2460	
Shale & Lime	2460	2645	
Shale	2645	2800	
Shale & Lime	2800	2900	
Shale & Lime	2900	3000	
Lime & Shale	3000	3130	
Lime & Shale	3130	3235	
Lime	3235	3290	
Lime & Shale	3290	3400	
Lime & Shale	3400	3500	
Lime & Shale	3500	3565	
Lime 3565	3565	3610	
Lime	3610	3685	
Lime	3685	3748	
Lime	3748	3828	
Lime	3828	3890	
Lime	3890	3945	
Lime	3945	3973	
Lime	3973	4015	
Lime	4015	4040	
Lime	4040	4185	
Lime	4185	4200	
T. D.	4200		