

KANSAS

IMPORTANT
Kans. Geo. Survey request samples on this well.

WELL COMPLETION REPORT AND DRILLER'S LOG

S. 15 T. 7 R. 19 ^RW

Loc. SW SW

API No. 15 — 163 — 21,102
County Number

County Rooks

Operator Liberty Enterprises, Inc.

Address 308 West Mill Plainville, Kansas 67665

Well No. #1 Lease Name Griebel

Footage Location 990' feet from (N) (S) line 990' feet from (E) (W) line

Principal Contractor Pioneer Drilling Co., Inc. Geologist Pat Balthazor

Spud Date 6-20-80 Date Completed 7-1-80 Total Depth 3509' P.B.T.D.

Directional Deviation 1 degree Oil and/or Gas Purchaser

640 Acres N

Elev.: Gr. 1908'

DF 1911' KB 1913'

SEP 8 0 REC'D
State Geological Survey
WICHITA BRANCH

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"	28#	211.49'	Common	90	2% gel, 3% cc
Production	7 7/8"	5 1/2"	9.5#	3508'	50-50 poz mix	150	6% gel
					Common	100	10% salt

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2 per ft.	3/8"	3086-3088
TUBING RECORD			" "	"	3143-3145
			" "	"	3255-3257
Size	Setting depth	Packer set at	" "	"	3272-3278

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
8000 gal. 15% non-E acid with straddle packers	3086-3088
(2000 gallon per zone)	3143-3145
	3255-3257
	3272-3278

INITIAL PRODUCTION

Date of first production <u>August 1, 1980</u>	Producing method (flowing, pumping, gas lift, etc.) <u>Pumping</u>
RATE OF PRODUCTION PER 24 HOURS	Oil <u>10</u> bbls. Gas <u>no</u> MCF Water <u>5</u> bbls. Gas-oil ratio <u>CFPB</u>
Disposition of gas (vented, used on lease or sold) <u>no gas</u>	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, 245 No. Water, Wichita, Kansas 67202. 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

Liberty Enterprises, Inc.

DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:

Oil well

Well No.

#1

Lease Name

Griebel

S 15 T 7 S R 19 E W

C SW SW

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.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

Date Received

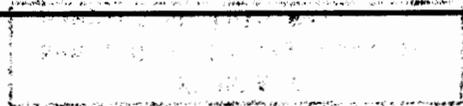
Charles G. Comeau

Charles G. Comeau
Petroleum Geologist

Signature
Title

September 4, 1980

Date



15-7-19W

WELL LOG

OPERATOR: Liberty Enterprises

WELL NAME: Griebel #1 LOCATION: SW/4 SW/4 15-7S-19W

COUNTY: Rooks STATE: Kansas

WELL COMMENCED: June 20, 1980 WELL COMPLETED: July 1, 1980

ELEVATION: 1913 K.B. TOTAL DEPTH: 3509'

PRODUCTION: Oil RIG NO: #3

CASING - 8-5/8": 211.49' of used 28# cemented with 90 sxs common 3% cc 2% gel
9 jts cement circ
 5-1/2": 3508' of used 9 1/2" cemented with 150 sxs 50-50 poz 6% gel
100 sxs common 10% salt plugdown @ 4:00 A.M.

ALL MEASUREMENTS TAKEN FROM THE TOP OF ROTARY BUSHING:

FROM	TO	FORMATION	DEVIATION- FROM VERTICAL	REMARKS:
0'	202'			
202'	215'			
215'	536'	sand and clay		
536'	1310'	sand and shale		
1310'	1407'	shale and sand		
1407'	1450'	Anhydrite		
1450'	1695'	shale and sand		
1695'	1761'	shale and sand		
1761'	1851'	shale	1761' - 3/4 degrees	
1851'	2043'	lime and shale		
2043'	2131'	lime and shale		
2131'	2300'	shale and lime		
2300'	2459'	lime and shale		
2459'	2580'	lime and shale		
2580'	2720'	lime and shale		
2720'	2835'	lime and shale		
2835'	2955'	lime and shale		
2955'	3068'	lime and shale		
3068'	3135'	lime and shale		
3135'	3216'	lime and shale		
3216'	3216'	lime and shale		
3216'	3261'	lime and shale		
3261'	3220'	lime and shale		
3220'	3320'			
3320'	3370'	lime and shale	3320' - 1 degree	
3370'	3430'	lime and shale		
3430'	3502'	lime and shale		
3502'	3509'	lime		