State Geological Survey
WICHITA BRANCH

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

8-4-28W

KANSAS DRILLERS LOG

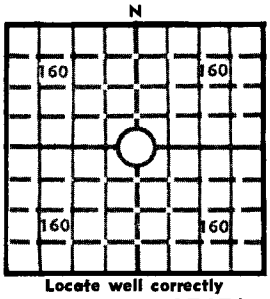
S. 8 T. 4 R. 28 E/W

API No. 15 — 039 (County) — 20,393 (Number)

Loc. SW SE SW

County Decatur

640 Acres
N



Locate well correctly

Elev.: Gr. 2767'

DF _____ KB 2775'

Operator: Gemini Corp.	
Address: Box 818 McCook, Nebraska 69001	
Well No.: #2-8	Lease Name: Bishop
Footage Location: 330 feet from X (N) (S) line	990 feet from (E) XX (W) line SW/4
Principal Contractor: Abercrombie Drilling, Inc.	Geologist: Allan R. Hallock
Spud Date: 7-2-77	Total Depth: 4100' / P.B.T.D.
Date Completed: 7-10-77	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	12¼"	8 5/8	28#	202	60:40 Pozmix	180	3% $CaCl_2$

LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement

TUBING RECORD

Size	Setting depth	Packer set at

PERFORATION RECORD

Shots per ft.	Size & type	Depth interval

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated

INITIAL PRODUCTION

Date of first production	Producing method (flowing, pumping, gas lift, etc.)

RATE OF PRODUCTION PER 24 HOURS	Oil bbls.	Gas MCF	Water bbls.	Gas-oil ratio CFPB

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.

Operator	DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
GEMINI CORPORATION	dry hole

Well No.	Lease Name
2-8	Bishop

S 8 T 4S R 28 ~~E~~ W

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
Surface soil, sand & shale	0	208		
Shale	208	485		
Shale & sand	485	2145		
Shale	2145	2559		
Anhydrite	2559	2593		
Shale	2593	2759		
Lime & shale	2759	3501		
Shale & lime	3501	3596		
Lime & shale	3596	3844		
Shale & lime	3844	3906		
Lime	3906	3965		
Lime & shale	3965	3980		
Shale & lime	3980	4053		
Lime-Rotary Total Depth		4100		

DST No. 1 3922-3940' Lansing B Zone - Open 30 mins., Shut in 60 mins., Open 60 mins., Shut in 120 mins. Opened with fair blow. Reopened with weak blow. Recovered 200' mud cut oil. IHP 2130, IFP 28-56, ISIP 839, FFP 73-103, FSIP 653, FHS 2111, BHT 115°F.

DST No. 2 3944-3965 Lansing-Kansas City C, D, and E zones - Open 30 mins., Shut in 60 mins., Open 60 mins., Shut in 120 mins. Recovered 750' muddy, gassy salt water with oil spots. IHP 2221, IFP 56-149, ISIP 1285, FFP 168-373, FSIP 1285, FHP 2184. BHT 128°F.

DST No. 3 3968-80' Lansing-Kansas City F zone - Open 30 mins., Shut in 60 mins., Open 60 mins., Shut in 120 mins. Recovered. 50' mud with oil spots. IHP 2203', IFP 19-37, ISIP 745, FFP 37-37, FSIP 466, FHSP 2165' BHT 128°F.

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

Date Received

Signature

President

Title

8-8-77

Date