

23-4-33w

State Geological Survey
KANSAS DRILLERS LOG

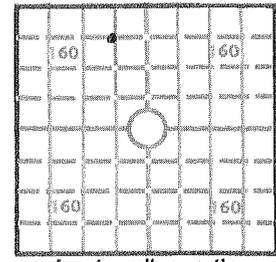
IMPORTANT
Kans. Geo. Survey request
samples on this well.

S. 23 T. 4 R. 33 W

Loc. C NE NW

County Rawlins

640 Acres
N



Elev.: Gr. 2954

DF 2957 KB 2959

API No. 15 — 153 — 20,159
County Number

Operator John O. Farmer, Inc.

Address Box 252
Russell, Kansas

Well No. #1 Lease Name Ruda

Footage Location 660 feet from (N) (S) line 660 feet from (E) (W) line

Principal Contractor John O. Farmer, Inc. Geologist Sam Farmer

Spud Date June 12, 1973 Total Depth 4315' P.B.T.D. 4280'

Date Completed June 22, 1973 Oil Purchaser Koch Oil Company

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"	8-5/8"	28	213	Common-Poz	150	
Oil String	7-7/8"	5-1/2"	14	4311	Common	75	

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			4	Jet-3/4"	4265-4273

TUBING RECORD

Size	Setting depth	Packer set at
2" EUE	4260'	

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
2500 gal. 15% acid	4265-4273

INITIAL PRODUCTION

Date of first production July 14, 1973	Producing method (flowing, pumping, gas lift, etc.) Pumping
RATE OF PRODUCTION PER 24 HOURS Oil 60 bbls. Gas MCF Water 3 bbls. Gas-oil ratio CFPB	Producing interval (s) 4265-4273

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 an 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.:
Well No. # 1	Lease Name RUDA	Oil
S 24 T4S R 33W ^E _W		

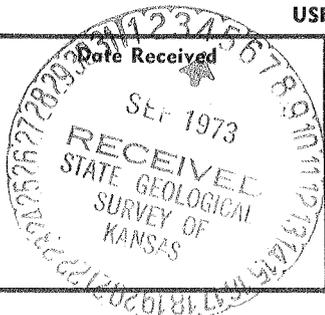
WELL LOG

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
Shale & Sand	213	2210	Log Tops Anhydrite	2640'
Shale	2210	2350	Heebner	3833'
Shale & Shells	2350	2640	Toronto	3862'
Anhydrite	2640	2677	Lansing	3875'
Shells & Shale	2677	2795	B/Kansas C	4110'
Shale	2795	2985	Marmaton	4147'
Shale & Lime	2985	3360	T.D. 4315	4315'
Shale	3360	3500		
Shale & Lime	3500	4035		
Lime	4035	4090		
Shale & Lime	4090	4315		

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





 Signature

 Production Superintendent

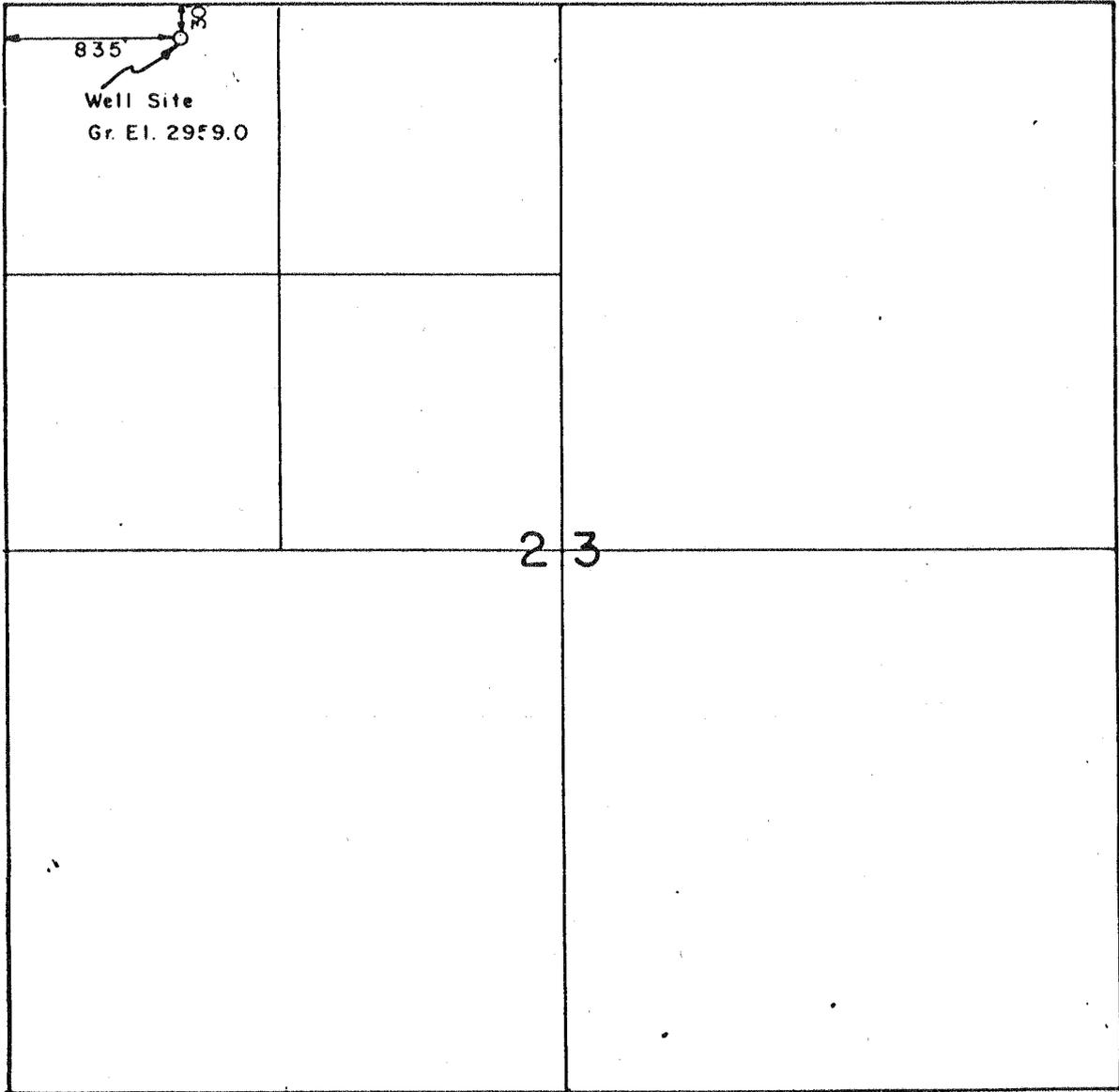
 Title

 July 30, 1973

 Date

T-4-S

R-33-W



Burke Surveying Company, McCook, Nebraska, has, in accordance with a request from Fred E. Gee, Eureka, Kansas, determined the location of the oil well site to be in the Northwest Quarter of the Northwest Quarter (NW $\frac{1}{4}$ -NW $\frac{1}{4}$) of Section 23, Township-4-South, Range-33-West of the Sixth P.M., Rawlins County, Kansas.

I hereby certify that this is an accurate representation showing the oil well site.

RECEIVED
STATE COMMISSION
STATE DEPARTMENT

Darrell W. Burke

August 31, 1983

DEC 5 1983

Darrell W. Burke L.S. 563

McCook, Nebraska

Geological Survey
Wichita, Kansas