

KANSAS DRILLERS LOG

API No. 15 _____
 County _____ Number _____

Operator
 A. Scott Ritchie

Address
 Suite 950 - 125 N. Market, Wichita, KS 67202

Well No. 2 OWWO Lease Name Engleman "A"

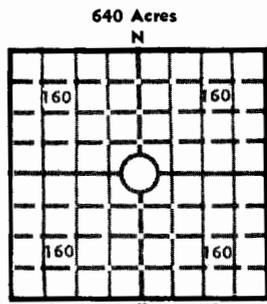
Footage Location
 330 feet from (N) (S) line 4950 feet from (E) (W) line SW/4

Principal Contractor Geologist
 Murfin Drilling Co.

Spud Date Total Depth 3898' P.B.T.D.

Date Completed 1/16/81 Oil Purchaser

Loc. W/2 SE SW
 County Graham County



Elev.: Gr. _____
 DF _____ 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
production		4½"		3890'	pozmix	125	10% salt

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			4	SSB	3787' - 3792'
			one each	3/8"	at 3705' & 3695'

TUBING RECORD

Size	Setting depth	Packer set at

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
1000 gallons 28% acid	3787-3792'
1200 gallons 28% acid	3705' & 3695'

INITIAL PRODUCTION

Date of first production 1/13/80	Producing method (flowing, pumping, gas lift, etc.) swabbed; will be pumping
RATE OF PRODUCTION PER 24 HOURS	Oil 100 bbls. Gas MCF Water bbls. Gas-oil ratio CFPB
Disposition of gas (vented, used on lease or sold)	Producing interval (s) Lansing

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 A. Scott Ritchie DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: oil (OWWO)

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S 5 T 9SR 23⁸W

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
Washed down old hole. T.D. 3898'.				

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

Date Received	<i>F. Judson Hipps</i>
	Signature
	F. JUDSON HIPPS, Geologist
	Title
	January 23, 1981
	Date

LOB1-17

Paul

State Geological Survey

WICHITA BRANCH

WELL LOG



COMPANY A. Scott Ritchie

SEC. 5 T. 9S R. 23W

FARM Engleman "A"

NO. 2 OWWO-W.D.

LOC. W/2 SE SW

RIG. NO. 8

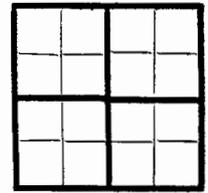
TOTAL DEPTH 3890'

COUNTY Graham
KANSAS

COMM. 12-5-80

COMP. 12-8-80

CONTRACTOR Murfin Drilling Company



CASING

20 10
 15 8
 12 4 1/2"
 13 5

ELEVATION

set @ 3890' w/125 sx. 60-40 Posmix, 10% salt.
 PRODUCTION

FIGURES INDICATE BOTTOM OF FORMATIONS

220' W.D.
 1250' W.D.
 3890' W.D. to TD