

State Geological Survey
WICHITA BRANCH
KANSAS DRILLERS LOG

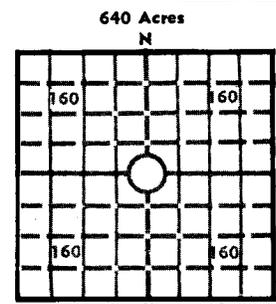
IMPORTANT
 Kans. Geo. Survey request
 samples on this well.

15-153-20308
 6-5-36w

S. 6 T. 5 R. 36 ^E/_W

Loc. SWc SE

County Rawlins



Elev.: Gr. 3377

DF _____ KB 3382

API No. 15 — 153 — 20,308
 County Number

Operator
Shakespeare Oil Co., Inc.

Address
P. O. Box 669 Salem, Illinois 62881

Well No. #1 Lease Name
Guy L. Cooper

Footage Location
330 feet from (E) (S) line 330 feet from (E) (W) line

Principal Contractor Murfin Drilling Co. Geologist Roger Welty

Spud Date 1/25/78 Total Depth 5010 Rotary T.D. P.B.T.D. 4600

Date Completed 2/23/78 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	12½"	8-5/8"	28#	325'	60-40 Poz	250	3% CaCl
Long String	7-7/8"	4½"	9.5#	4600'	50-50 Poz	200	18% Salt 3/4% CFR2

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
None					
TUBING RECORD			3 SPF	DP Jet	4456-62
Size	Setting depth	Packer set at			
2-3/8"	4543'				

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
1500 gal. 15% HCL	4456-62

INITIAL PRODUCTION

Date of first production <u>2/23/78</u>	Producing method (flowing, pumping, gas lift, etc.) <u>Pumping</u>				
RATE OF PRODUCTION PER 24 HOURS	Oil <u>142</u> bbls.	Gas <u>None</u> MCF	Water <u>Trace</u> bbls.	Gas-oil ratio	CFPB
Disposition of gas (vented, used on lease or sold) <u>None</u>			Producing interval (s) <u>4456-62</u>		

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 Shakespeare Oil Company, Inc. DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:

Well No. 1 Lease Name Guy L. Cooper Oil

S 6 T 5 R 36 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. Schlumberger Log

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Sand & Clay	0	290	Niobrara	1169
Shale	290	1515	Ft. Hays	1594
Shale & Sand	1515	2640	Base Ft. Hays	1646
Shale & Sand	2640	2915	Anhydrite	3113
Shale & Sand	2915	3040	Base Anhydrite	3153
Sand & Shale	3040	3104	Heebner	4223
Anhydrite	3104	3156	Lansing	4272
Shale & Sand	3156	3700	Cherokee Shale	4698
Shale & Sand & Lime	3700	3885	Mississippi	4918
Lime & Shale	3885	4670	Log T.D.	5016
Lime	4670	4760		
Lime & Shale	4760	5010		
R TD		5010		
DST #1 4217-80, Rec. 525' water cut mud, IFP 229, FFP 298, ISIP 1276, FSIP 1158.				
DST #2 4424-69, Rec. 114' hvy oil & gas cut mud, 124' muddy gassy oil, 1116' gassy oil, IFP 91#, FFP 527#, ISIP 1181#, FSIP 1158#.				
DST #3 4518-70, Rec. 20' mud, IFP 57#, FFP 57#, ISIP 217#, FSIP 114#				

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

Date Received	<i>W. F. Meyer</i>
	Signature
	Production Manager
	Title
	March 31, 1978
	Date

WELL LOG

15-153-20308

6-5-36W

COMPANY Shakespeare Oil Company

SEC. 6 T. 5S R. 36W
LOC. SW SW SE

FARM GUY L. COOPER NO. 1

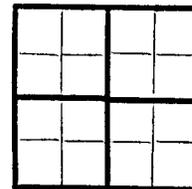
RID. NO. 3

TOTAL DEPTH 5010'

COUNTY Rawlins
KANSAS

COMM. 1-25-78

COMP. 2-4-78



CONTRACTOR Murfin Drilling Company

CASING

20 10
15 8-5/8" @ 325' w/250 sx.

ELEVATION

12 6
13 5
4 1/2" @ 4600' w/200 sx.

PRODUCTION

FIGURES INDICATE BOTTOM OF FORMATIONS

290'	Sand & Clay	
1515'	Shale	
2640'	Shale & Sand	
2915'	Sand & Shale	
3040'	Shale & Sand	
3104'	Sand & Shale	
3156'	Anhydrite	
3700'	Shale & Sand	
3885'	Shale & Sand & Lime	
4670'	Lime & Shale	
4760'	Lime	
5010'	Lime & Shale	RTD