

SIDE ONE

AFFIDAVIT OF COMPLETION FORM

State Geological Survey
176142
(REV) ACO-1
35 WICHITA BRANCH
KCC

This form shall be filed in duplicate with the Kansas Corporation Commission, 800 Colorado Derby Building, Wichita, Kansas 67202, within ten days after the completion of the well, regardless of how the well was completed.

Attach separate letter of request if the information is to be held confidential. If confidential, only file one copy. Information on side one will be of public record and side two will then be held confidential.

Circle one: Oil, Gas, Dry, SWD, OWWO, Injection. Type and complete ALL sections. Applications must be filed for dual completion, commingling, SWD and injection, T.A.

Attach wireline logs (i.e. electrical log, sonic log, gamma ray neutron log, etc.). KCC # (316) 263-3238. (Rules 82-2-105 & 82-2-125)

OPERATOR A. Scott Ritchie #5198

API NO. 15-195-20,921

ADDRESS 125 N. Market, Suite 950

COUNTY Trego

Wichita, Kansas 67202

FIELD Shaw Creek E

**CONTACT PERSON Galen Babcock
F. Judson Hipps

PROD. FORMATION Lansing

PHONE (316) 267-4375

LEASE Hillman

PURCHASER Clear Creek, Inc.

WELL NO. 3

ADDRESS 818 Century Plaza

WELL LOCATION SW NW NE

Wichita, Kansas 67202

330 Ft. from West Line and

DRILLING Murfin Drilling Company

990 Ft. from North Line of

CONTRACTOR

ADDRESS 617 Union Center

the NE/4 SEC. 35 TWP. 11S RGE. 22W

Wichita, Kansas 67202

WELL PLAT

PLUGGING None

CONTRACTOR

ADDRESS

KCC
KGS
(Office Use)

RELEASED

RECEIVED STATE CORPORATION COMMISSION

TOTAL DEPTH 4016' PBD 3914'

Date: 19 JAN 1983

MAR 1 1982

SPUD DATE 12/23/82 DATE COMPLETED 2-20-82

FROM CONFIDENTIAL

CONSERVATION DIVISION
Wichita, Kansas

ELEV: GR 2340' DF _____ KB 2345'

DRILLED WITH ~~(XXX)~~ (ROTARY) ~~(XXX)~~ TOOLS

Amount of surface pipe set and cemented 167' DV Tool Used? yes

AFFIDAVIT

STATE OF Kansas, COUNTY OF Trego SS, I,

F. Judson Hipps OF LAWFUL AGE, BEING FIRST DULY SWORN UPON HIS OATH,

DEPOSES THAT HE IS Geologist (FOR) ~~(XXX)~~ A. Scott Ritchie

OPERATOR OF THE Hillman LEASE, AND IS DULY AUTHORIZED TO MAKE

THIS AFFIDAVIT FOR AND ON THE BEHALF OF SAID OPERATOR, THAT WELL NO. 3 ON

SAID LEASE HAS BEEN COMPLETED AS OF THE 16th DAY OF February, 1982, AND THAT

ALL INFORMATION ENTERED HEREIN WITH RESPECT TO SAID WELL IS TRUE

SIDE TWO **WSS-11-2E** WELL LOG

95864
35-11-22W

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
DST #1 from 3362' to 3396' (Topeka) Recovered 260' of oil cut mud. IFP: 77- 88#/30"; ISIP:833#/30"; FFP: 154-165#/30"; FSIP:833#/30".			ELECTRIC LOGS	
DST #2 from 3579' to 3620' (Toronto & Top zones). Recovered 124' of gas in pipe, 152' of oil cut mud. IFP:66-77#/30"; ISIP:485#/30"; FFP:99-110#/45"; FSIP:528#/60".			Anhydrite	1784' (+ 561)
			B/Anhydrite	1828' (+ 517)
			Topeka	3361' (-1016)
			Heebner	3571' (-1228)
			Toronto	3591' (-1246)
			Lansing	3609' (-1264)
			B/KC	3854' (-1509)
			Marmaton	3931' (-1586)
			Arbuckle	3998' (-1653)
			LTD	4002' (-1657)
DST #3 from 3637' to 3673' (35' & 50' zones). Gas to surface in 110", too small to measure. Recovered 1235' clean gassy oil and 10' mud. IFP:272-363#/30"; ISIP:637#/30"; FFP:407-432#/30"; FSIP:637#/30".				
DST #4 from 3684' to 3725' (70', 90' & 100' zones). Recovered 2332' of gas in pipe, 1000' of gassy oil. IFP:165-264#/30"; ISIP:583#/30"; FFP:352-385#/30"; FSIP:583#/30".				
DST #5 from 3737' to 3810' (140', 160', & 180' zones). Recovered 60' of oil cut mud. IFP:77-88#/30"; ISIP:539#/30"; FFP:99-99#/30"; FSIP:419#/30".				
DST #6 from 3809' to 3860' (200' & 220' zones). Packer failure.				
DST #7 from 3805' to 3860' (200' & 220' zones). Recovered 30' of mud, no show of oil. IFP:77-77#/30"; ISIP:531#/30"; FFP:132-132#/30"; FSIP:430#/30".				
DST #8 from 3933' to 3960' (Marmaton). Mis-run; tool plugged. (Cont'd on next page)				

Report of all strings set — surface, intermediate, production, etc. CASING RECORD (New) or (~~XXX~~)

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"	23#	167'	common quickset	100	
Production		5 1/2"	14#	4010'	thin cement	25	
					60/40 poz	175	10% salt, 5% gilsonite

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
TUBING RECORD			4	SSB	4005' - 4009'
			1	SSB	3935' - 3954'
Size	Setting depth	Packer set at	1	3/8"	3711 1/2'
			1	3/8"	3696'

A. Scott Ritchie
 #3 Hillman
 SW NW NE
 Section 35-11S-22W
 Trego County, Kansas
 API# 15-195-20,921

AFFIDAVIT OF COMPLETION FORM (cont'd)

PERFORATION RECORD

Shots per ft.	Size & Type	Depth Interval
1	3/8"	3682'
2	SSB	3710'-3713'
2	SSB	3694'-3698'
2	SSB	3685'-3689'
1	3/8"	3667'
1	3/8"	3649½'
2	SSB	3664'-3668'
2	SSB	3648'-3652'
2	SSB	3609'-3612'

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Acidized with 1200 gal. of 28% acid.

DST #9 from 3950'-4012' (Arbuckle)
 Weak blow 1st opening; very weak blow 2nd opening - flushed tool.
 Recovered 132' of slightly oil cut mud.
 IFP:121-121#/30"; ISIP:1072#/30";
 FFP:132-132#/30"; FSIP: 974#/30".

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used				Depth interval treated	
Acidized with 400 gal. 15% INS				4005'-4009'	
Retreated with 800 gal. 15% INS				" "	
Acidized with 1000 gal. 28% acid				" "	
Acidized with 500 gal. 15% INS plus polysolvent				3935'-3954'	
Acidized with 2000 gal. 28% acid				3682'-3711½'	
Acidized with 1400 gal. of 28% acid				3649½'-3713'	
Date of first production		Producing method (flowing, pumping, gas lift, etc.)		Gravity	
2/16/82		Swabbed (will be pumping)			
RATE OF PRODUCTION PER 24 HOURS		Oil	Gas	Water	Gas-oil ratio
		84 bbls.		27 % MCF	bbls. CFPB
Disposition of gas (vented, used on lease or sold)				Perforations	
				3612'-3668'; 3649'-3710'	

WELL LOG

State Geological Survey

WICHITA BRANCH

SEC. 35 T. 11S R. 22W

LOC. SW NW NE

COMPANY A. Scott Ritchie

FARM Hillman NO. 3

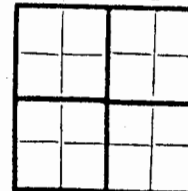
RIG. NO. 16

TOTAL DEPTH 4012

COMM. 12-23-81

COMP. 1-6-82

COUNTY Trego KANSAS



CONTRACTOR Murfin Drilling Co.

CASING
 20 10
 15 8-5/8" @ 167 w/160 sx Common Quickset
 12 6
 13 5

ELEVATION 2340 gr

PRODUCTION

FIGURES INDICATE BOTTOM OF FORMATIONS

Surface Soil & Sandstone	40
Sand	80
Clay	90
Sand & Ocra	140 ✓
Shale	168
Shale & Sand	1782
Anhydrite	1827
Sand & Shale	2050
Shale	3190
Shale & Lime	3620
Lime	3645
Lime & Shale	4012

RTD

RELEASED

Date: 19 JAN 1983

FROM CONFIDENTIAL