

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: license # 5198
name A. Scott Ritchie
address 125 N. Market, Suite 950
City/State/Zip Wichita, KS 67202

Operator Contact Person Jeff Christian
Phone (316) 267-4375

Contractor: license # 6033
name Murfin Drilling Co.

Wellsite Geologist Ed Louis
Phone (316) 264-2773

PURCHASER Clear Creek, Inc.

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover

☒ Oil ☐ SWD ☐ Temp Abd
☐ Gas ☐ Inj ☐ Delayed Comp.
☐ Dry ☐ Other (Core, Water Supply etc.)

If OWWO: old well info as follows:

Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method: ☒ Mud Rotary ☐ Air Rotary ☐ Cable

9/13/84 9/20/84 10/30/84
Spud Date Date Reached TD Completion Date

3970' RTD 3838'
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 219 feet

Multiple Stage Cementing Collar Used? ☒ Yes ☐ No

If Yes, Show Depth Set 1719 feet

If alternate 2 completion, cement circulated
from 219 feet depth to surface w/ 160 SX cmt

API NO. 15 - 195-21,596

County Trego County

SW SW SW Sec 18 Twp 11S Rge 22 East

330 Ft North from Southeast Corner of Section
4950 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

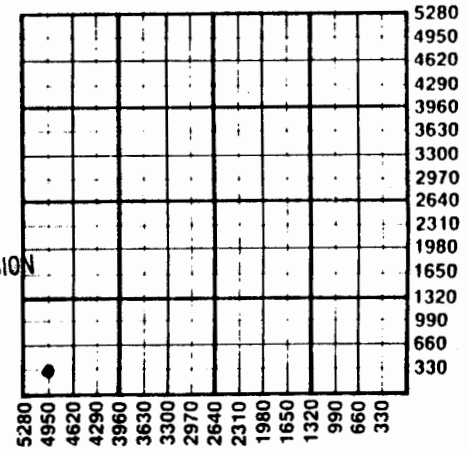
Lease Name Harger "A" Well# 4

Field Name Hixson Pool

Producing Formation Lansing

Elevation: Ground 2254' KB 2259'

Section Plat



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DEC 17 1984

CONSERVATION DIVISION
Wichita, Kansas

WATER SUPPLY INFORMATION

Source of Water:

Division of Water Resources Permit #

☐ Groundwater. Ft North From Southeast Corner and
(Well) Ft West From Southeast Corner of
Sec Twp Rge East West

☐ Surface Water. Ft North From Southeast Corner and
(Stream, Pond etc.) Ft West From Southeast Corner
Sec Twp Rge East West

☐ Other (explain) (purchased from city, R.W.D.#)

Disposition of Produced Water: ☐ Disposal
☐ Repressuring

Docket #

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rules 82-3-130 and 82-3-107 apply.

Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months.

One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules, and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

State Geologist

9 1985

Operator Name A. Scott Ritchie Lease Name Harger A Well# 4 SEC. 18 TWP. 11S RGE. 22 (4868) ☐ East ☒ West

10/30/84	☐ flowing ☒ pumping ☐ gas lift ☐ Other (explain)				
Estimated Production Per 24 Hours ➡	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	71.67 Bbls	MCF	48.33 Bbls	CFPB	

Drill Stem Tests Taken ☒ Yes ☐ No
Samples Sent to Geological Survey ☒ Yes ☐ No
Cores Taken ☐ Yes ☒ No

Formation Description
☒ Log ☐ Sample

DST #1 from 3471' to 3530' (Top & Toronto). Recovered 365' of mud cut oil.
IFP:70-128#/30"; ISIP:432#/30";
FFP:151-175#/30"; FSIP:432#/30".

DST #2 from 3535' to 3580' (35' & 50' zones). Recovered 335' of oil cut mud.
IFP:58-128#/30"; ISIP:385#/30";
FFP:140-175#/30"; FSIP:373#/30".

DST #3 from 3576' to 3595' (70' zone). Recovered 530' of clean gassy oil.
IFP:70-116#/30"; ISIP:303#/30";
FFP:140-175#/30"; FSIP:303#/30".

DST #4 from 3635' to 3705' (140', 160', 180' zones). Recovered 5' of mud.
IFP:58-58#/30"; ISIP:70#/30";
FFP:58-58#/30"; FSIP:70#/30".

DST #5 from 3704' to 3755' (200' & 220' zones). Recovered 5' of mud, no show of oil.
IFP:58-58#/30"; ISIP:210#/30";
FFP:58-58#/30"; FSIP:70#/30".

DST #6 from 3849' to 3890' (Marmaton). Recovered 154' of gassy mud cut oil.
IFP:46-58#/30"; ISIP:1203#/45";
FFP:70-70#/30"; FSIP:1157#/45".

Name	Top	Bottom
Anhydrite	1718'	(+ 541)
B/Anhydrite	1760'	(+ 499)
Topeka	3263'	(-1004)
Heebner	3475'	(-1216)
Toronto	3496'	(-1237)
Lansing	3512'	(-1253)
B/KC	3746'	(-1487)
Marmaton	3838'	(-1579)
Arbuckle	3951'	(-1692)
LTD	3970'	(-1711)

PRODUCTION INTERVAL

..... 3514' - 3588'

.....

CASING RECORD ☒ new ☐ used

Report all strings set - conductor, surface, intermediate, production, etc.

Purpose of string	size hole drilled	size casing set (in O.D.)	weight lbs/ft.	setting depth	type of cement	# sacks used	type and percent additives
Surface Production	12 1/4" 7-7/8"	8-5/8" 4 1/2"	23# 10.5#	219' 3966'	quickset 60/40 pozmix	160 175	none 10% salt, 3% dilsonite.

PERFORATION RECORD

shots per foot specify footage of each interval perforated

shots per foot	specify footage of each interval perforated	Acid, Fracture, Shot, Cement Squeeze Record (amount and kind of material used)	Depth
1 SSB jets	3848' - 3870'	Acidized w/500 gal. of AOG-200 acid	3848'-
2 SSB jets	3585' - 3588'	Frac. Treat w/20,000# of 20/40 sand,	
2 SSB jets	3552 1/2' - 3556'	2,500# of 10/20 sand, 1,000 bbl. gelled water (same)	
2 SSB jets	3514' - 3520'	Acidized w/500 gal. of demulsion	3585-88'
		Acidized w/500 gal. of 28% demulsion	3552 1/2-56'

TUBING RECORD

size

set at

packer at

Acidized w/750 gal. of 28% acid.
Liner Run ☐ Yes ☐ No

Date of First Production | Producing method

P1

WELL LOG

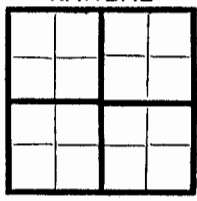
COMPANY A. Scott Ritchie
125 N. Market, Suite 950
Wichita, Kansas 67202
FARM Harger "A" **NO.** 4

SEC. 18 **T.** 11S **R.** 22W
LOC. SW SW SW

RIG. NO. 16
TOTAL DEPTH ~~9-21-84~~ 3970
COMM. 9-13-84 **COMP.** 9-21-84

COUNTY Trego
KANSAS

CONTRACTOR Murfin Drilling Company
250 N. Water, Suite 300
Wichita, Kansas 67202



CASING
20 10
15 8 -5/8" csg set @ 219' w/160 sx. Common
12 6 Quickset
13 5
4 1/2" csg set @ 3966' w/165 sx. 60-40 Poz., 10% salt, plus 475 sx. 50-50 Poz.,
6% Gel

ELEVATION

PRODUCTION

FIGURES INDICATE BOTTOM OF FORMATIONS

Sand & Shale 1714'
Anhydrite 1757'
Shale 2020'
Lime & Shale (RTD) 3970'

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State Geological Survey
WICHITA BRANCH