

TYPE

AFFIDAVIT OF COMPLETION FORM

ACO-1 WELL HISTORY

Compt. _____

SIDE ONE

(Rules 82-3-130 and 82-3-107)

DOCKET NO. NP _____

This form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within ninety (90) days after the completion of a well, regardless of how the well was completed.

FOR INFORMATION REGARDING THE NUMBER OF COPIES TO BE FILED AND APPLICATIONS REQUIRING COPIES OF ACO-1 FORMS SEE PAGE TWO (2), SIDE TWO (2) OF THIS FORM.

(F) ☒ Letter requesting confidentiality attached.

(C) ☒ Attach ONE COPY of EACH wireline log run (i.e. electrical log, sonic log, gamma ray neutron log etc.)***Check here if NO logs were run _____.

PLEASE FILL IN ALL INFORMATION. IF NOT AVAILABLE, INDICATE. IF INFORMATION LATER BECOMES AVAILABLE, SUBMIT BY LETTER.

LICENSE # 5198 EXPIRATION DATE 6/30/85
 OPERATOR A. Scott Ritchie API NO. 15-195-21444
 ADDRESS 125 N. Market, Suite 950 COUNTY Trego
Wichita, KS 67202 FIELD Wildcat NINEMIRE NE
 ** CONTACT PERSON Scott Ritchie PROD. FORMATION Lansing
 PHONE 316-267-4375 _____ Indicate if new pay.
 PURCHASER Clear Creek LEASE Howat "B"
 ADDRESS 818 Century Plaza Bldg. WELL NO. 1
Wichita, KS 67202 WELL LOCATION NW SW NE
 DRILLING Murfin Drilling Co. _____ Ft. from N Line and
 CONTRACTOR 250 N. Water, Suite 300 _____ Ft. from E Line of
 ADDRESS Wichita, KS 67202 the NE (Qtr.) SEC 1 TWP 11 RGE 23 (W).
 PLUGGING n/a JUL 16 1984
 CONTRACTOR _____ CONSERVATION DIVISION
 ADDRESS _____ Wichita, Kansas

TOTAL DEPTH LTD 3976' PBD n/a

SPUD DATE 2/10/84 DATE COMPLETED 4/17/84

ELEV: GR 2279' DF _____ KB 2284'

DRILLED WITH ~~(GAL)~~ (ROTARY) ~~(AIR)~~ TOOLS.

DOCKET NO. OF DISPOSAL OR REPRESSURING WELL BEING USED TO DISPOSE OF WATER FROM THIS LEASE n/a

Amount of surface pipe set and cemented 216' DV Tool Used? no

TYPE OF COMPLETION THIS AFFIDAVIT APPLIES TO: (Circle ONE) - Oil, Shut-in Gas, Gas, Dry, Disposal, Injection, Temporarily Abandoned. If OWWO, indicate type of re-completion. Other completion _____

Amount and kind of material used	Depth interval treated
Acidized with 2300 gal. 28% acid	Same as Above

that:

I am the Affiant, and I am familiar with the contents of the foregoing Affidavit. The statements and allegations contained therein are true and correct.

RELEASED

Date: MAY 1 1985
FROM CONFIDENTIAL

Side TWO

OPERATOR A. Scott Ritchie LEASE NAME Howat "B" SEC 1 TWP 11 RGE 23 (W)WELL NO 1

FILL IN WELL INFORMATION AS REQUIRED

Date of first production 4/17/84		Producing method (flowing, pumping, gas lift, etc.) Pumping		Gravity	
Estimated Production-I.P.	Oil 80 bbls.	Gas 0 bbls.	Water 0 bbls.	Gas-oil ratio 0 CFPR	
Disposition of gas (vented, used on lease or sold)			same as above		

Check if no Drill Stem Tests Run.
☒ Check if samples sent Geological Survey.

DST #1 from 3541' to 3570' (Top Zone).
 Recovered 563' of muddy water, no show of oil.
 IFP:66-196#/30"; ISIP:872#/30";
 FFP:242-300#/30"; FSIP:861#/30".

DST #2 from 3612' to 3633' (70' zone).
 Recovered 1042' of gassy oil.
 IFP:150-265#/30"; ISIP:792#/45";
 FFP:334-357#/30"; FSIP:757#/45".

DST #3 from 3639' to 3648' (90' zone). Packer failure.

DST #4 from 3670' to 3740' (140', 160', 180' zones). Recovered 300' of slightly gassy oil cut mud.
 IFP:66-161#/30"; ISIP:1158#/30";
 FFP:196-196#/30"; FSIP:1158#/30".

DST #5 from 3734' to 3785' (200' and 220' zones). Recovered 5' of drilling mud.
 IFP:11-11#/30"; ISIP:138#/30";
 FFP:22-22#/30"; FSIP:88#/30".

If additional space is needed use Page 2

ELECTRIC LOG TOPS

* Anhydrite 1766' (+ 518)
 * B/Anhydrite 1807' (+ 477)
 Topeka 3299' (-1015)
 Heebner 3513' (-1229)
 Toronto 3535' (-125)
 Lansing 3550' (-1266)
 B/KO 3774' (-1490)
 Garmaton 3871' (-1587)
 Eto. Arb. 3936' (-165)
 LTD 3976' (-169)

* These are Sample Tops

RECEIVED
 STATE CORPORATION COMMISSION

JUL 16 1984

CONSERVATION DIVISION
 Wichita, Kansas

RELEASED

Date: **MAY 1 1985**

FROM CONFIDENTIAL

Report of all strings set — surface, intermediate, production, etc.

CASING RECORD (New) or (Used)

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"		216'	Common Quickset	160	None
Production	7-7/8"	4-1/2"	10.5#	3968'	60/40 Pozmix	175	10% salt, 10sacks salt flush

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			1	SSB	3726', 3709', 3690'
			2	SSB	3724'-3727 1/2', 3708'
					3710', 3689'-3692', 3627'-3630'

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD



P.

WELL LOG

A. SCOTT RITCHIE

COMPANY 125 N. Market, Suite 950
Wichita, KS 67202

FARM HOWAT "B" NO. 1

SEC. 1 T. 11S R. 23W
LOC. NW SW NE

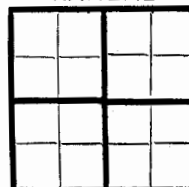
RIG. NO. 8

TOTAL DEPTH 3975'

COMM. 2-10-84 COMP. 2-17-84

CONTRACTOR MURFIN DRILING COMPANY
250 N. Water, Suite 300
Wichita, KS 67202

COUNTY Trego
KANSAS



CASING

20 10
15 8-5/8" csg set @ 216' w/160 sx Quickset

ELEVATION

12 6

13 5

4-1/2" csg set @ 3968' w/175 sx 60-40 Poz, 10% salt

PRODUCTION

FIGURES INDICATE BOTTOM OF FORMATIONS

Sand & Shale 220'

Shale 465'

Shale, Lime & Sand 1745'

Sand & Shale 1773'

Anhydrite 1810'

Sand & Shale 2250'

Shale & Lime (RTD) 3975'

RECEIVED
STATE CORPORATION COMMISSION

JUN 15 1984

CONSERVATION DIVISION
Wichita, Kansas

MAY 9 1984
State Geological Survey
WICHITA BRANCH

RELEASED

Date: MAY 1 1985

FROM CONFIDENTIAL

JUN 18 1984

CONFIDENTIAL

State Geological Survey

WICHITA BRANCH