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TYPE

AFFIDAVIT OF COMPLETION FORM

ACO-1 WELL HISTORY

SIDE ONE

*Pi* 8-8-23W

(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. 15-065-21,766

ADDRESS 125 N. Market, Suite 950 COUNTY Graham

Wichita, KS 67202 FIELD \_\_\_\_\_

\*\* CONTACT PERSON Scott Ritchie PROD. FORMATION Lansing  
PHONE 316-267-4375 Indicate if new pay.

PURCHASER Koch Oil Company LEASE Montgomery "B"

ADDRESS Box 2256 WELL NO. 3

Wichita, Ks. 67201 WELL LOCATION 20' W of SW NE NW

DRILLING CONTRACTOR Murfin Drilling 990 Ft. from N Line and

ADDRESS 250 N. Water, Suite 300 1630 Ft. from W Line of

Wichita, KS 67202 the NW (Qtr.) SEC 8 TWP 8 RGE 23 (W)

PLUGGING CONTRACTOR N/A WELL PLAT \_\_\_\_\_ (Office Use Only)

ADDRESS \_\_\_\_\_

TOTAL DEPTH LTD 3751' PBTD N/A

SPUD DATE 2/24/83 DATE COMPLETED 5/23/83

ELEV: GR 2228' DF \_\_\_\_\_ KB 2233'

DRILLED WITH (~~CAVEX~~) (ROTARY) (~~KM~~) TOOLS.

DOCKET NO. OF DISPOSAL OR REPRESSURING WELL BEING USED TO DISPOSE OF WATER FROM THIS LEASE CD58224

Amount of surface pipe set and cemented 187' DV Tool Used? Yes


KCC   
KGS   
SWD/REP \_\_\_\_\_  
PLG. \_\_\_\_\_  
NGPA \_\_\_\_\_

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD			
Amount and kind of material used		Depth interval treated	
SEE ATTACHED			
Date of first production		Producing method (flowing, pumping, gas lift, etc.)	
5/2/83		Pumping	
Estimated Production - I.P.		Gravity	
Oil	Gas	Water	Gas-oil ratio
25 bbls.		5 bbls.	
Disposition of gas (vented, used on lease or sold)			
		3673'-3652'; Perforations 3672 1/2'-75. 1/2'; 3614'-17'; 3650'-54'.	

55403

Side TWO

OPERATOR A. Scott Ritchie LEASE NAME Montgomery "B" SEC 8 TWP 8 RGE 23 (4)

WELL NO 3

FILL IN WELL INFORMATION AS REQUIRED:

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
<input checked="" type="checkbox"/> Check if no Drill Stem Tests Run. <input checked="" type="checkbox"/> Check if samples sent Geological Survey.			--ELECTRIC LOG TOPS--	
DST #1 from 3508'-3550' (35' & 50' zones). Recovered 360' of muddy water with scum of oil. IFP:66-132#/30"; ISIP:384#/30"; FFP:154-197#/30"; FSIP:384#/30"			Anhydrite B/Anhydrite Topeka Heebner Toronto Lansing B/KC LTD	1881'(+ 3) 1914'(+ 3) 3243'(-10) 3452'(-12) 3476'(-12) 3491'(-12) 3698 -14 3751'(-15)
DST # 2 from 3547'-3568' (70' & 90' zones). Recovered 300' of gas in pipe, 120' clean gassy oil and 60' of gassy oil cut mud. IFP:55-77#/30"; ISIP:634#/30"; FFP:88-99#/30"; FSIP:623#/30"				
DST #3 from 3595'-3662' (140', 160', & 180' zones). Recovered 300' of gas in pipe, 90' gassy oil cut mud (7% gas, 25% oil, 68% mud.) IFP:66-77#/30"; ISIP:208#/45"; FFP:88-88#/30"; FSIP:208#/45"				
DST #4 from 3657'-3750' (200' & 220' zones). Recovered 180' of gas in pipe, 130' of clean gassy oil and 60' of heavy oil cut mud. IFP:88-121#/30"; ISIP:406#/45"; FFP:132-143#/30"; FSIP:373#/45"				

If additional space is needed use Page 2

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 1/2"	8-5/8"		187'	Common Quickset	130	3%CC, 2%gel
Production	7-7/8"	4 1/2"	10.5#	3751'	60/40 Poz mix	125	10%salt, 20bb salt preflush

LINER RECORD			PERFORATION RECORD		
Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval

TUBING RECORD		
Size	Setting depth	Packer set at

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ACO-1 WELL HISTORY

PAGE 2 (Side One)

OPERATOR Scott Ritchie LEASE NAME Montgomery "B"  
WELL NO. 3

SEC 8 TWP 8s RGE 23 (W)

FILL IN WELL INFORMATION AS REQUIRED.

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 & Shut-in pressures, and recoveries.

Show Geological markers, logs run, or Other Descriptive information.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
<p>PERFORATION RECORD:</p> <p>Perforated one 3/8" hole at 3673' and one 3/8" hole at 3652'</p> <p>Perforated for production with 2 SSB jets per foot from 3672.5' - 3675.5' and from 3614' - 3617' and from 3650' to 3654'.</p> <p>Perforated from 3561' - 3564</p>				
<p>ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD:</p> <p>Acidized with 1000 gal. of 28% acid at 3673' and 3652'</p> <p>Acidized with 500 gal. of 28% acid at 3672.5'-3675.5', 3650'-3654', and 3614'-3617'</p> <p>Acidized with 300 gal. of 28% acid at 3561'-3564'.</p>				

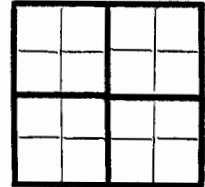
# WELL LOG

Pi

**COMPANY** A. SCOTT RITCHIE  
**FARM** Montgomery "B" **NO.** #3  
**RIG. NO.** 16  
**TOTAL DEPTH** 3750'  
**COMM.** 2/24/83 **COMP.** 3/1/83  
**CONTRACTOR** MURFIN DRILLING COMPANY

**SEC.** 8 **T.** 8S **R.** 23W  
**LOC.** 299' E N/2 N/2 NW

**COUNTY** Graham  
 KANSAS



**CASING**  
 20 10  
 15 8 -5/8" @ 187' w/130 sx Common 3% CC 2% gel **ELEVATION**  
 12 6  
 13 5  
 4 1/2" @ 3750' w/600 sx (125 60/40 Poz 10% salt) **PRODUCTION**  
 (475 50/50 Poz 6% gel )  
FIGURES INDICATE BOTTOM OF FORMATIONS

Surface Shale and sand	20
Shale	188
Shale and sand	1880
Anhy	1914
Shale	2930
Shale and lime	3750 RTD

MAY 14 1984

State Geological Survey  
 WINNIE BRANCH

**RECEIVED**  
 STATE CORPORATION COMMISSION  
 APR 13 1984  
 CONSERVATION DIV.