

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 Rocky Milford
Phone (316) 267-4375

Contractor: license # 6033
name Murfin Drilling Co.

Wellsite Geologist Larry Zink
Phone (316) 267-4375
PURCHASER Koch Oil Co.

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

PLEASE KEEP THIS
INFORMATION
CONFIDENTIAL

MAR 6 1986
STATE CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
Wichita, Kansas

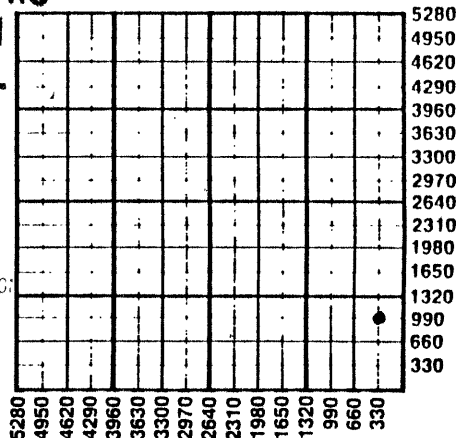
WELL HISTORY

Drilling Method: Mud Rotary Air Rotary Cable
6/19/84 6/27/84 8/1/84
Spud Date Date Reached TD Completion Date
3696' RTD n/a
Total Depth PBTD
Amount of Surface Pipe Set and Cemented at 249 feet
Multiple Stage Cementing Collar Used? Yes No
If Yes, Show Depth Set 1863' feet
If alternate 2 completion, cement circulated from 249 feet depth to surface w/ 200 SX cmt

API NO. 15-065-22,005-00-00
County Graham
NE SE SE Sec 7 Twp 6S Rge 21 West
990 Ft North from Southeast Corner of Section
330 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

Lease Name Voss Well# 1
Field Name BOYS SOUTH
Producing Formation Lansing
Elevation: Ground 2208' KB 2213'

Section Plat



WATER SUPPLY INFORMATION

Source of Water:
Division of Water Resources Permit #
 Groundwater (Well) Ft North From Southeast Corner and Ft. West From Southeast Corner of Sec Twp Rge East West
 Surface Water (Stream, Pond etc.) Ft North From Southeast Corner and 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.

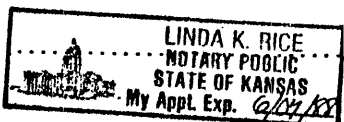
One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature [Signature] Title Operator Date 10/18/84

Subscribed and sworn to before me this 18th day of October 1984

Notary Public Linda K. Rice Date Commission Expires 10/07/88



K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify)

Sec 7 Twp 6S Rge 21W

Operator Name A. Scott Ritchie Lease Name VOSS Well# 1 SEC 7 TWP 6S RGE 21 East West

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

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

Formation Description
 Log Sample

DST #1 from 3348' to 3386' (Lower Topeka). Recovered 760' of gas in pipe, 190' of gassy mud cut oil, 1500' of clean gassy oil.

IFP: 252-526#/15"; ISIP: 1218#/30";
 FFP: 567-621#/15"; FSIP: 1218#/30".

DST #2 from 3400' to 3438' (Toronto) Recovered 400' gas in pipe, 365' of gassy mud cut oil.

IFP: 66-88#/30"; ISIP: 1218#/30";
 FFP: 154-175#/30"; FSIP: 1196#/30".

DST #3 from 3436' to 3466' (Top zone). Recovered 2480' of clean gassy oil, 120' of heavy oil & mud cut water.

IFP: 461-710#/15"; ISIP: 1207#/30";
 FFP: 861-926#/15"; FSIP: 1196#/30".

DST #4 from 3460' to 3486' (50' zone). Recovered 660' gas in pipe, 920' clean gassy oil, 120' heavy oil cut mud.

IFP: 121-230#/15"; ISIP: 1239#/30";
 FFP: 340-384#/15"; FSIP: 1228#/30".

DST #5 from 3484' to 3506' (70' zone). Recovered 670' of clean gassy oil and 570' of slightly oil cut muddy water.

IFP: 197-318#/15"; ISIP: 1013#/30";
 FFP: 471-482#/15"; FSIP: 1013#/30".

Name	Top	Bottom
Anhydrite	1854'	(+ 359)
B/Anhydrite	1885'	(+ 328)
Beattie	2674'	(- 461)
Cottonwood	2690'	(- 477)
Neva	2738'	(- 525)
Wabaunsee	2937'	(- 724)
Tarkio	3048'	(- 845)
Topeka	3166'	(- 953)
Heebner	3402'	(-1189)
Toronto	3428'	(-1215)
Lansing	3445'	(-1232)
B/KC	3630'	(-1417)
Granite	3690'	(-1477)
LTD	3694'	(-1481)

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(Continued on Page 2)

CASING RECORD <input checked="" type="checkbox"/> new <input type="checkbox"/> 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	12 1/4"	8-5/8"	24#	249'	quickset	200	3% CC, 2% gel.
Production	7-7/8"	5 1/2"	14#	3688'	60/40. poz.	225	5% gilsonite, 8% salt preflush
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
shots per foot		specify footage of each interval perforated		(amount and kind of material used)			Depth
1-3/8"		3629' & 3618'		Acidized w/1000 gal. of 28% acid...			3629' & 3618'
2 SSB		3628'-30'; 3617'-20'; 3598'-3604';		Acidized w/600 gal. of 28% acid....			3598'-3604'
"		3563 1/2'-67'; 3476'-82'; 3445 1/2'-49';		Acidized w/600 gal. of 28% acid....			3563 1/2'-67'
"		3598'-3604'		Acidized w/750 gal. of 28% acid....			3476'-82'
"				Acidized w/750 gal. of 28% acid....			3445 1/2'-49'
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Date of First Production		Producing method					
8/01/84		<input type="checkbox"/> flowing <input checked="" type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain)					
Estimated Production Per 24 Hours		Oil	Gas	Water	Gas-Oil Ratio		Gravity
➔		59 Bbls	MCF	0 Bbls	CFPB		

Disposition of gas: vented
 sold
 used on lease

METHOD OF COMPLETION
 open hole perforation
 other (specify)
 Dually Completed.
 Commingled

PRODUCTION INTERVAL
 Same as above.....
 Lansing formation.....

OPERATOR A. Scott Ritchie

LEASE NAME Voss

SEC. 7 TWP. 6S RGE. 21

FILL IN WELL LOG 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
<p>(Continued from page 1)</p> <p>DST #6 from 3548' to 3607' (140' thru 180' zones). Recovered 250' gas in pipe, 250' of gassy oil cut mud. IFP:88-99#/30"; ISIP:1207#/45"; FFP:154-164#/30"; FSIP:1196#/45".</p> <p>DST #7 from 3604' to 3640' (200' & 220' zones). Recovered 60' of oil cut mud. IFP:66-66#/30"; ISIP:1056#/45"; FFP:77-77#/30"; FSIP:959#/45".</p> <p>DST #8 from 3675' to 3696' (Cong.limestone) Recovered 2' of mud, no show of oil. IFP:66-66#/30"; ISIP:66#/30"; FFP:66-66#/30"; FSIP:66#/30".</p>				

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