

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 4767
 Name: Ritchie Exploration, Inc.
 Address: P. O. Box 783188
 City/State/Zip: Wichita, KS 67278-3188
 Purchaser: NCRA
 Operator Contact Person: John Niernberger
 Phone: (316) 691-9500
 Contractor: Name: _____
 License: _____
 Wellsite Geologist: _____
 Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)
 If Workover/Re-entry: Old Well Info as follows:
 Operator: A. SCOTT RITCHIE
 Well Name: HARGER A 2
 Original Comp. Date: 06-25-81 Original Total Depth: 3900'
 Deepening Re-perf. Conv. to Enhr./SWD
 Plug Back _____ Plug Back Total Depth _____
 Commingled _____ Docket No. _____
 Dual Completion _____ Docket No. _____
 Other (SWD or Enhr.?) _____ Docket No. _____

<u>12-06-05</u>	<u>12-12-05</u>	<u>12-27-05</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

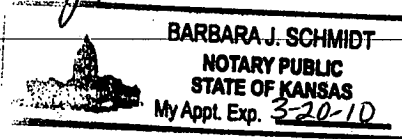
API No. 15 - 195-20791 -00-02
 County: Trego
 _____ NW _____ SE _____ SW Sec. 18 Twp. 11 S. R. 22 East West
990' _____ feet from N (circle one) Line of Section
1650' _____ feet from E / W (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE NW SW
 Lease Name: Harger A Well #: 2
 Field Name: Hixson
 Producing Formation: Toronto, LKC, Marmaton
 Elevation: Ground: 2192' Kelly Bushing: 2197'
 Total Depth: 3900' Plug Back Total Depth: 3858'
 Amount of Surface Pipe Set and Cemented at 171 Feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set _____ Feet
 If Alternate II completion, cement circulated from _____
 feet depth to _____ w/ _____
Drilling Fluid Management Plan
 (Data must be collected from the Reserve Pit)
 Chloride content _____ ppm Fluid volume _____ bbls
 Dewatering method used _____
 Location of fluid disposal if hauled offsite: _____
 Operator Name: _____
 Lease Name: _____ License No.: _____
 Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
 County: _____ Docket No.: _____

wo-Dlg - 3/17/09

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of 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 geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. 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: Production Manager Date: 03-27-06
 Subscribed and sworn to before me this 27th day of March
20 06
 Notary Public: Barbara J. Schmidt
 Date Commission Expires: _____



KCC Office Use ONLY
 Letter of Confidentiality Received
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
RECEIVED
MAR 31 2006

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Operator Name: Ritchie Exploration, Inc. Lease Name: Harger A Well #: 2
 Sec. 18 Twp. 11 S. R. 22 East West County: Trego

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken Yes No
 (Attach Additional Sheets)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy)

Log Formation (Top), Depth and Datum Sample
 Name Top Datum
 (See Attached Document)

List All E. Logs Run:

R. A. Guard Log

CASING RECORD <input checked="" type="checkbox"/> New <input checked="" 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#	171'	Common quickset	140	
Production	7 7/8"	4 1/2"	10.5#	3898'	60/40 pozmix	150	10% Salt

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2	3453'-3511' (LKC) 06/81	3250 gals, 28%	
2	3436'-3442' (Toronto) 06/81	1370 gals, 28%	
1	3776'-3810' (Marmaton) 06/81	1000 gals, 15% Pentol w/30 perf balls (12/05)	
4,4,4	3632'-36', 3651'-55', 3668'-72' (LKC-180'/200'/220') 12/05	2000 gals, 15% NE w/50 perf balls	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8"	3816		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumerd Production, SWD or Enhr.	Producing Method
12-27-05	<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 Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	4.08		77.52		

Disposition of Gas Vented Sold Used on Lease (If vented, Submit ACO-18.)
 METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify) _____
 Production Interval _____

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DST #1 from 3376'-3447' (Lower Topeka & Toronto).
 Recovered 60' oil cut mud, 360' mud cut oil, &
 300' clean oil.
 IFP:114-156#/30"; ISIP:727#/45";
 FFP:208-239#/30"; FSIP:716#/45".

DST #2 from 3444'-3470' (Top zone)
 Packer failed.

DST #3 from 3442'-3500' (Top zone & 35' zone).
 Recovered 180' oil cut mud, & 480' mud cut oil.
 IFP:135-208#/30"; ISIP:655#/30";
 FFP:228-249#/30"; FSIP:655#/30".

DST #4 from 3496'-3531' (50' & 70' zones).
 Recovered 150' of slightly oil cut mud and
 470' of heavy mud cut oil.
 IFP:156-239#/30"; ISIP:562#/30";
 FFP:281-302#/30"; FSIP:531#/30".

DST #5 from 3534'-3570' (90' & 100' zones)
 Recovered 80' of mud, 372' of muddy water, and
 434' of water.
 IFP:281-364#/30"; ISIP:633#/30";
 FFP:406-437#/30"; FSIP:633#/30".

DST #6 from 3567'-3688' (140', 160', 180',
 200', & 220' zones). Recovered 742' of slightly
 oil cut muddy water nad 126' of salt water.
 IFP:104-260#/30"; ISIP:706#/30";
 FFP:260-316#/30"; FSIP:624#/30".

DST #7 from 3777'-3816' (Marmaton). Recovered
 124' of oil cut mud(44% oil, 46% mud, and 10% water).
 IFP:52-52#/45"; ISIP:1140#/45";
 FFP:62-62#/45"; FSIP:1027#/45".

ELECTRIC LOG TOPS

Anhy	1650' (+ 547
B/Anhy	1698' (+ 499
Topeka	3200' (-1003
Heebner	3414' (-1217
Toronto	3435' (-1238
Lansing	3452' (-1255
B/KC	3682' (-1485
Marmaton	3775' (-1578
Arbuckle	3887' (-1690
LTD	3899' (-1702

RECEIVED
 MAR 31 2000
 KCC WICHITA



March 28, 2006

State Corporation Commission
Conservation Division
130 S. Market, Room 2078
Wichita, KS 67202

**RE: #2 Harger A
NW SE SW
Sec. 18-11S-22W
Trego County, Kansas**

To Whom It May Concern:

Enclosed please find Ritchie Exploration, Inc.'s Well Completion (Form ACO-1) for the above referenced well. The required attachments have also been enclosed. We would like to request for this to be held confidential for the maximum allowable time.

If you have any questions, please feel free to call the undersigned or John Niernberger at 316-691-9500. Thank you for all of your help in this matter.

Sincerely,

A handwritten signature in cursive script that reads "Barbara J. Schmidt".

Barbara Schmidt
Production Assistant

Enclosures

**RECEIVED
MAR 31 2006
KCC WICHITA**