



KANSAS CORPORATION COMMISSION 1074848
OIL & GAS CONSERVATION DIVISION

Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 4767
Name: Ritchie Exploration, Inc.
Address 1: 8100 E 22ND ST N # 700
Address 2: BOX 783188
City: WICHITA State: KS Zip: 67278 + 3188
Contact Person: John Niernberger
Phone: (316) 691-9500
CONTRACTOR: License # 33793
Name: H2 Drilling LLC
Wellsite Geologist: Pete Fiorini
Purchaser: NCRA

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
 Gas D&A ENHR SIGW
 OG GSW Temp. Abd.
 CM (Coal Bed Methane)
 Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: Ritchie Exploration, inc.
Well Name: Penka Trust
Original Comp. Date: 1/28/2006 Original Total Depth: 4570
 Deepening Re-perf. Conv. to ENHR Conv. to SWD
 Conv. to GSW
 Plug Back: 4557 Plug Back Total Depth
 Commingled Permit #: _____
 Dual Completion Permit #: _____
 SWD Permit #: _____
 ENHR Permit #: _____
 GSW Permit #: _____

8/10/2011	8/10/2011	8/22/2011
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-101-21900-00-01
Spot Description: 165' E OFF E2E2NE
E2 E2 E2 NE Sec. 33 Twp. 17 S. R. 30 East West
1320 Feet from North / South Line of Section
165 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Lane
Lease Name: PENKA TRUST Well #: 1
Field Name: Penka
Producing Formation: Altamont, Cherokee, Johnson
Elevation: Ground: 2841 Kelly Bushing: 2847
Total Depth: 4570 Plug Back Total Depth: 4538
Amount of Surface Pipe Set and Cemented at: 212 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: 2177 Feet
If Alternate II completion, cement circulated from: 2177
feet depth to: 0 w/ 300 sx cmt.

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 #: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that 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.

Submitted Electronically

KCC Office Use ONLY

- Letter of Confidentiality Received
Date: 02/24/2012
 Confidential Release Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: Deanna Gantner Date: 02/24/2012



1074848

Operator Name: Ritchie Exploration, Inc. Lease Name: PENKA TRUST Well #: 1
 Sec. 33 Twp. 17 S. R. 30 East West County: Lane

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 complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input checked="" type="checkbox"/> Sample Name Top Datum Attached
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CASING RECORD <input 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	12.25	8.625	28	212	common	150	3%cc,2%gel
Production	7.875	5.5	15.5	4577	60.49 pozmix	200	10%salt,2%gel,3/4%CDL

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
— Perforate				
— Protect Casing	-			
— Plug Back TD				
— 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
	4333'-4336'	500 gals 15% NE Acid	
4	4457.5'-4465.5'	1000 gals 15% NE Acid	
4	4488'-4499'	1000 gals 15% NE Acid	

TUBING RECORD: Size: <u>2.375</u> Set At: <u>4522</u> Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. <u>8/22/2011</u>		Producing Method: <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. <u>17</u>	Gas Mcf	Water Bbls. <u>11</u>
Gas-Oil Ratio		Gravity <u>34</u>	

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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RITCHIE

EXPLORATION, INC.
Wichita, Kansas

#1 Penka Trust
1,320' FNL & 165' FEL
Section 33-17S-30W
Lane County, Kansas
API# 15-101-21900-0000
Elevation: 2839' GL: 2849' KB

<u>Sample Tops</u>			<u>Ref. Well</u>
Anhydrite	2206'	+643	flat
B/Anhydrite	2226'	+623	flat
Heebner Shale	3869'	-1020	flat
Lansing Limestone	3910'	-1061	-1
Stark Shale	4175'	-1326	-5
Marmaton	4293'	-1444	-3
Altamont	4310'	-1461	-3
Pawnee	4376'	-1527	-1
Cherokee Shale	4445'	-1596	-1
Johnson	4485'	-1636	flat
Mississippian	4517'	-1668	-2
RTD	4570'	-1721	

P.O. Box 783188
Wichita, Kansas 67278-3188

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Fax (316) 691-9550
rei@ritchie-exp.com

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Wichita, Kansas 67226-2328

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Mark Sievers, Chairman
Ward Loyd, Commissioner
Thomas E. Wright, Commissioner

Sam Brownback, Governor

February 24, 2012

John Niernberger
Ritchie Exploration, Inc.
8100 E 22ND ST N # 700
BOX 783188
WICHITA, KS 67278-3188

Re: ACO1
API 15-101-21900-00-01
PENKA TRUST 1
NE/4 Sec.33-17S-30W
Lane County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
John Niernberger

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



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BOX 783188
WICHITA, KS 67278-3188

Re: ACO-1
API 15-101-21900-00-01
PENKA TRUST 1
NE/4 Sec.33-17S-30W
Lane County, Kansas

Dear John Niernberger:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 8/10/2011 and the ACO-1 was received on February 24, 2012 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department