

ORIGINAL

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
ACO-1 WELL HISTORY  
DESCRIPTION OF WELL AND LEASE

Operator: License # 4767

Name: Ritchie Exploration, Inc.

Address 125 N. Market, Suite 1000

City/State/Zip Wichita, KS 67202

Purchaser: N/A

Operator Contact Person: Lisa Thimmesch

Phone ( 316 ) 267-4375

Contractor: Name: \_\_\_\_\_

License: CONFIDENTIAL

Wellsite Geologist: None

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:

Operator: Ritchie Exploration, Inc.

Well Name: #1 Nighswonger

Comp. Date 12-91 Old Total Depth 3790

Deepening  Re-perf.  Conv. to (Inj) SWD  
 Plug Back  PBDT  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or Inj?)  Docket No. E-26,158

1-20-97 1-24-97

Date of START OF WORKOVER  Date Reached TD  Completion Date OF WORKOVER

API NO. 15- 065-22,640000

County Graham

N/2 NE-NW Sec. 12 Twp. 6 Rge. 23W X <sup>E</sup> <sub>W</sub>

4950 Feet from S7N (circle one) Line of Section

3300 Feet from E/W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
NE (S) NW or SW (circle one)

Lease Name Nighswonger Well # 1

Field Name \_\_\_\_\_

**REPRESSURED**  
Producing Formation LKC

Elevation: Ground 2342 KB 2347

Total Depth 3790 PBDT \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at \_\_\_\_\_ 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/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan REWORK JX 4-8-97  
(Data must be collected from the Reserve Pit)

Chloride content \_\_\_\_\_ ppm Fluid Volume RELEASED bbls

Dewatering method used \_\_\_\_\_

Location of fluid disposal if hauled offsite: APR 6 1998

Operator Name \_\_\_\_\_ FROM CONFIDENTIAL

Lease Name \_\_\_\_\_ License No. \_\_\_\_\_

Twp. \_\_\_\_\_ S Rng. \_\_\_\_\_ E/W

County \_\_\_\_\_ Docket No. \_\_\_\_\_

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 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 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.

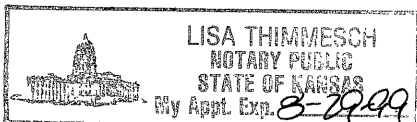
Signature [Signature]

Title President Date 4/31/97

Subscribed and sworn to before me this 3/5 day of January, 19 97.

Notary Public [Signature]

Date Commission Expires \_\_\_\_\_



K.C.C. OFFICE USE ONLY		
F	<input checked="" type="checkbox"/>	Letter of Confidentiality Attached
C	<input type="checkbox"/>	Wireline Log Received
C	<input type="checkbox"/>	Geologist Report Received
Distribution		
<input checked="" type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep <input type="checkbox"/> NGPA
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug <input type="checkbox"/> Other (Specify)

Form ACO-1 (7-91)

Rec'd 2-4-97

Operator Name Ritchie Exploration, Inc. Lease Name Nighswonger Well # 1

Sec. 12 Twp. 6 Rge. 23W  East  West  
 County Graham

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 (Attach Additional Sheets.) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  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 (Submit Copy.) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  List All E.Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datums <input type="checkbox"/> Sample Name Top Datum  <p style="text-align: center; font-weight: bold; font-size: 1.2em;">PLEASE KEEP THIS INFORMATION CONFIDENTIAL</p>
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CASING RECORD <input 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

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
3	3716'-22' L/KC 180' zone	

<b>TUBING RECORD</b> Size <u>2 3/8"</u> Set At <u>3677</u> Packer At <u>3677</u>		Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. <u>1-24-97</u>	Producing Method <input type="checkbox"/> Flowing <input 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	

Disposition of Gas:  Vented  Sold  Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION  Open Hole  Perfor.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

INJECTION Production Interval 3716'-3722'