

**ORIGINAL
CONFIDENTIAL**

**KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE**

Form ACO-1
September 1999
Form Must Be Typed

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: American Eagle Drilling, LLC
License: 33493

Wellsite Geologist: Jeff Christian
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: _____
Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____
 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. _____

6/24/06 7/2/06 7/2/06
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 137-20455-0000
County: Norton
N/2 - N/2 - NE Sec. 28 Twp. 5S S. R. 23 East West
165 feet from S / (N) (circle one) Line of Section
1460 feet from (E) / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Tien Unit Well #: 1
Field Name: _____

Producing Formation: LKC-J
Elevation: Ground: 2224 Kelly Bushing: 2229
Total Depth: 3775 Plug Back Total Depth: 3750
Amount of Surface Pipe Set and Cemented at 217 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 1817 Feet
If Alternate II completion, cement circulated from 1817
feet depth to surface w/ 350 sx cmt.
ALT II WITH 10-26-06

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content 21000 ppm Fluid volume 1200 bbls
Dewatering method used evaporation
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
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 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: 10/26/06
Subscribed and sworn to before me this 26th day of October,
20 06.
Notary Public: [Signature]
Date Commission Expires: 5/14/07

DEBRA K. PHILLIPS
Notary Public - State of Kansas
My Appt. Expires 5/14/07

KCC Office Use ONLY
YES Letter of Confidentiality Received
If Denied, Yes Date: _____
YES Wireline Log Received
YES Geologist Report Received
____ UIC Distribution **RECEIVED**
KANSAS CORPORATION COMMISSION
OCT 26 2006

**CONSERVATION DIVISION
WICHITA, KS**

Operator Name: Ritchie Exploration, Inc. Lease Name: Tien Unit Well #: 1
 Sec. 28 Twp. 5S S. R. 23 East West County: Norton

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)
 List All E. Logs Run:

Log Formation (Top), Depth and Datum Sample
 Name Top Datum

SEE ATTACHED
**ORIGINAL
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Radiation Guard Log

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	12-1/4	8-5/8	23	217	common	170	3%cc, 2% gel
Production	7-7/8	4-1/2	10.5	3771	60/40 pozmix	160	2% gel, 10% salt, 3/4% CD-31

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
4	3560.5' - 3563.5' (LKC-J) (7/19/06)		

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2-3/8	3723		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.			Producing Method		
8/4/06			<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
	72		0		35.2

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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CONSERVATION DIVISION
WICHITA, KS



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#1 Tien Unit

165' FNL & 1460' FEL
165'N & 140'W of N/2 N/2 NE Section 28-5S-23W
Norton County, Kansas
API# 15-137-20455-0000
Elevation: 2224' GL, 2229' KB

<u>Sample Tops</u>			<u>Ref. Well</u>
Anhydrite	1856'	+373	+4
B/Anhydrite	1885'	+344	+5
Heebner	3364'	-1135	+10
Toronto	3388'	-1159	+10
Lansing "A"	3404'	-1175	+9
Lansing "D"	3450'	-1221	+11
Lansing "H"	3523'	-1294	+7
Lansing "J"	3553'	-1324	+7
BKC	3595'	-1366	+10
Arbuckle	3746'	-1517	-1
RTD	3775'	-1546	

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OCT 26 2006
CONSERVATION DIVISION
WICHITA, KS

ALLIED CEMENTING CO., INC. 25167

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT: R

DATE <u>2/14/00</u>	SEC. <u>28</u>	TWP. <u>5</u>	RANGE <u>23</u>	CALLED OUT	ON LOCATION <u>12:30 A.M.</u>	JOB START	JOB FINISH <u>10:15 A.M.</u>
LEASE <u>TREN</u>	WELL# <u>1</u>	LOCATION <u>HILL CITY N-10 Jct</u>			COUNTY <u>NORTON</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one) <u>OLD</u>				<u>3 1/2 IS 1/4 15</u>			

CONTRACTOR AM. EAGLE

TYPE OF JOB LONG STAKE

HOLE SIZE 2 3/4" T.D. 3225'

CASING SIZE 4 1/2" DEPTH 3221'

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL PORT COLLAR DEPTH 1814'

PRES. MAX MINIMUM

CEMENT LINE SHOE JOINT 20"

CEMENT LEFT IN CSG. 20"

PERFS.

DISPLACEMENT 5934 BBL

OWNER

CONFIDENTIAL

CEMENT

AMOUNT ORDERED 175 GAL/40 2% C/L

1090 SALT 3/4 OF 1% CD-31

500 GAL WFR-2

COMMON	<u>105</u>	@	<u>105</u>	<u>11025</u>
POZMIX	<u>70</u>	@	<u>500</u>	<u>35000</u>
GEL	<u>3</u>	@	<u>1665</u>	<u>4995</u>
CHLORIDE		@		
ASC		@		
Salt	<u>15</u>	@	<u>1920</u>	<u>28800</u>
CD-31	<u>114</u>	@	<u>750</u>	<u>85500</u>
WFR-2	<u>500 gals</u>	@	<u>100</u>	<u>50000</u>
		@		
		@		
		@		
		@		
HANDLING	<u>193</u>	@	<u>190</u>	<u>36670</u>
MILEAGE	<u>24 / SK/MILE</u>			<u>1312.40</u>
TOTAL				<u>4873.80</u>

REMARKS:

PLUG LAUNDED @ 10:15 A.M.

FLOAT HELD

15% RATHOLE

CHARGE TO: RETCHIE EXPL.

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB			
PUMP TRUCK CHARGE			<u>161000</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>85</u>	@	<u>500</u>
MANIFOLD		@	
		@	
		@	
TOTAL <u>202500</u>			

PLUG & FLOAT EQUIPMENT

<u>4 1/2 RUBBER PLUG</u>			<u>5500</u>
<u>GUIDE SLEEVE</u>	@		<u>12500</u>
<u>AFIX INSERT</u>	@		<u>21500</u>
<u>TURBOCAUT ?</u>	@	<u>5500</u>	<u>39500</u>
<u>BOULET 2</u>	@	<u>13000</u>	<u>26000</u>
<u>PORT COLLAR</u>	@		<u>16000</u>
TOTAL <u>264000</u>			

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE _____

PRINTED NAME Jaw

RECEIVED
KANSAS CORPORATION COMMISSION
OCT 26 2006
CONSERVATION DIVISION
WINCHITA, KS

ALLIED CEMENTING CO., INC. 24527

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT: Oakley

DATE <u>7-6-06</u>	SEC. <u>28</u>	TWP. <u>5S</u>	RANGE <u>28W</u>	CALLED OUT	ON LOCATION <u>9:15 AM</u>	JOB START AM <u>9:45 AM</u>	JOB FINISH AM <u>10:30 AM</u>
LEASE <u>New unit</u>	WELL # <u>1</u>	LOCATION <u>9+283 Tet, W-15-14W</u>	COUNTY <u>Norton</u>	STATE <u>Ken</u>			
OLD OR (NEW) (Circle one) <u>NEW</u>				1-5			

CONTRACTOR Express Well Service OWNER Same

TYPE OF JOB Port Collar

HOLE SIZE 4 1/2 T.D. _____

CASING SIZE _____ DEPTH _____

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL Port Collar DEPTH 1817'

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT 7 BBL

EQUIPMENT

PUMP TRUCK CEMENTER Walt

102 HELPER Tarred

BULK TRUCK _____

399 DRIVER Mike

BULK TRUCK _____

_____ DRIVER _____

REMARKS:

Test 2 1200# Hold
Open Tool, Pump into, have Circ
Mixed 350 SKs cement, till
Circ to Surface
Displace 6 1/2 BBL, Close Tool
Test to 1200# Hold, Run 5 ITS
Circ casing clean Thank You

CHARGE TO: Ritchie Explorations

STREET _____

CITY _____ STATE _____ ZIP _____

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and furnish cement and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

CEMENT AMOUNT ORDERED 426 SKs **CONFIDENTIAL**
6% Gel 1/4# Flo-Seal
(Used 350 SKs)

COMMON 210 SKs @ 12.20 2,562.00

POZMIX 140 SKs @ 6.10 854.00

GEL 18 SKs @ 16.65 299.70

CHLORIDE @ _____

ASC @ _____

Flo-Seal 88# @ 2.00 176.00

@ _____

@ _____

@ _____

@ _____

@ _____

@ _____

@ _____

HANDLING 452 SKs @ 1.90 858.80

MILEAGE _____ 3,073.60

TOTAL 7,824.10

SERVICE

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____ 955.00

EXTRA FOOTAGE @ _____

MILEAGE 85-miles @ 5.00 425.00

MANIFOLD @ _____

@ _____

@ _____

TOTAL 1,380.00

PLUG & FLOAT EQUIPMENT

@ _____

@ _____

@ _____

@ _____

@ _____

TOTAL _____

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE _____

PRINTED NAME J

RECEIVED
KANSAS CORPORATION COMMISSION
OCT 26 2006
CONSERVATION DIVISION
WICHITA, KS

ALLIED CEMENTING CO., INC. 23612

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Nass City

DATE <u>10-24-06</u>	SEC. <u>28</u>	TWP. <u>5</u>	RANGE <u>23</u>	CALLED OUT <u>2:30pm</u>	ON LOCATION <u>5:00pm</u>	JOB START <u>5:40pm</u>	JOB FINISH <u>10:45pm</u>
LEASE <u>Term Unit</u>	WELL # <u>1</u>	LOCATION <u>2834 K-9 3W 15.</u>			COUNTY <u>Norton</u>	STATE <u>KS</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)				<u>1/2w 1/25</u>			

CONTRACTOR American Eagle # 3 OWNER _____

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 222 CEMENT AMOUNT ORDERED _____

CASING SIZE 8 5/8 DEPTH 221 170 Cem 3 3/4 cc 2 1/2 gal

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____ COMMON 170 Drab. @ 10.15 1710.50

MEAS. LINE _____ SHOE JOINT _____ POZMIX _____ @ _____

CEMENT LEFT IN CSG. 15 GEL 3 gal. @ 16.65 49.95

PERFS. _____ CHLORIDE 5 gal. @ 46.60 233.00

DISPLACEMENT 13 1/4 ASC _____ @ _____

EQUIPMENT

PUMP TRUCK CEMENTER Mike

224 HELPER J. Wagoner

BULK TRUCK _____ @ _____

314 DRIVER Cody

BULK TRUCK _____ @ _____

_____ DRIVER _____

HANDLING 178 As. @ 1.90 338.20

MILEAGE 178 1/4 @ 6.80 1210.40

TOTAL 3642.05

REMARKS:

New 23#
circ 8 5/8 casing / rig pump.
Unit on Bulk Tank on top of 1st am
mix cement deep plug w/ 13 1/4 BBL
Cemrt dial Circ.

Thanks

SERVICE

DEPTH OF JOB 221

PUMP TRUCK CHARGE 815.00

EXTRA FOOTAGE @ _____

MILEAGE 83 @ 5.00 425.00

MANIFOLD @ _____

_____ @ _____

_____ @ _____

TOTAL 1240.00

CHARGE TO: Ritchie Exploration

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

8 5/8 Sp Wood @ 60.00 60.00

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

TOTAL 60.00

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE Pat Wagoner

Pat Wagoner
PRINTED NAME

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KANSAS CORPORATION COMMISSION
OCT 26 2006
CONSERVATION DIVISION
WASHTON, KS

10-26-08



October 26, 2006

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

CONFIDENTIAL

RE: #1 Tien Unit
Sec. 28-5S-23W
Norton County, Kansas

To Whom It May Concern:

Enclosed please find an ACO-1 for the above referenced well. The required attachments have also been enclosed. Ritchie Exploration, Inc. would like 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,

Debbie Phillips
Accounting Supervisor

dkp

Enclosures

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KANSAS CORPORATION COMMISSION
OCT 26 2006
CONSERVATION DIVISION
WICHITA, KS