

1-24-09

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

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: Sem Crude
 Operator Contact Person: John Niernberger
 Phone: (316) 691-9500
 Contractor: Name: Val Energy, Inc.
 License: 5822
 Wellsite Geologist: Mike Engelbrecht
 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. _____

<u>10/19/06</u>	<u>10/31/06</u>	<u>10/31/06</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

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API No. 15 - 057-20576-00-00
 County: Ford
80'S W/2 NW SE Sec. 17 Twp. 27S S. R. 23 East West
1910 feet from S / N (circle one) Line of Section
2310 feet from E / W (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE NW SW
 Lease Name: Bonnie Carson Well #: 1
 Field Name: _____
 Producing Formation: Pawnee
 Elevation: Ground: 2412 Kelly Bushing: 2422
 Total Depth: 5075 Plug Back Total Depth: 5042
 Amount of Surface Pipe Set and Cemented at 437 Feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set 1387 Feet
 If Alternate II completion, cement circulated from 1387
 feet depth to surface w/ 290 sx cmt.

Drilling Fluid Management Plan AP II NH 9-11-08
 (Data must be collected from the Reserve Pit)
 Chloride content 6800 ppm Fluid volume 1800 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: _____
 Title: Production Manager Date: 1/24/07
 Subscribed and sworn to before me this 24th day of January
20 07
 Notary Public: Debra K. Phillips
 Date Commission Expires: 5/4/07

DEBRA K. PHILLIPS
 Notary Public - State of Kansas
 My Appt. Expires 5/4/07

KCC Office Use ONLY
 Letter of Confidentiality Received
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
RECEIVED
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Operator Name: Ritchie Exploration, Inc. Lease Name: Bonnie Carson Well #: 1
 Sec. 17 Twp. 27S S. R. 23 East West County: Ford

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:

Dual Induction Log
 Dual Compensated Porosity Log
 Microresistivity Log

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

SEE 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
Conductor	30	20	64	60	Ten-sack grout	9 yards	
Surface	12-1/4	8-5/8	24	437	common	325	3% cc, 2% gel
Production	7-7/8	5-1/2	15.5	5072	60/40 pozmix	250	10% salt, 2% gel, 3/4% CD031

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	4739.8' - 4741.3'	300 gals 15% NE	
4	4741.3' - 4746.3'	1300 gals 15% NE	

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2-7/8	4988'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.			Producing Method		
1/5/07			<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
	6.24		71.76		38.8

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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#1 Bonnie Carson
1910' FSL & 2310' FEL
80'S of W/2 NW SE Section 17-27S-23W
Ford County, Kansas
API# 15-057-20576-0000
Elevation: 2412' GL, 2422' KB

<u>Sample Tops</u>			<u>Ref.</u> <u>Well</u>
Chase	2538'	-116	flat
Stotler	3443'	-1021	-7
Heebner	4099'	-1677	-9
Lansing	4227'	-1805	-7
Stark	4537'	-2115	-7
Pawnee	4741'	-2319	-7
Cherokee Shale	4786'	-2364	-6
Atoka Shale	4878'	-2456	-6
Morrow Sand	4890'	-2468	-12
Miss. Saint Louis	4902'	-2480	-12
Miss. Spergen	4910'	-2488	-2
RTD	5075'	-2653	

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KCC WICHITA

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

(316) 691-9500
Fax (316) 691-9550
rei@ritchie-exp.com

8100 E. 22nd St. N., Bldg. 700
Wichita, Kansas 67226-2328

ALLIED CEMENTING CO., INC. 22685

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

SERVICE POINT:
Great Bend

DATE <i>10-20-06</i>	SEC. <i>17</i>	TWP. <i>27</i>	RANGE <i>23</i>	CALLED OUT <i>12:00 AM</i>	ON LOCATION <i>4:30 AM</i>	JOB START <i>8:15 AM</i>	JOB FINISH <i>9:00 AM</i>
LEASE <i>Bonnie Cannon</i>		WELL # <i>1</i>	LOCATION <i>Wright 5 1/2 south to willbroad sign, 2 3/4 east.</i>		COUNTY <i>Sed</i>	STATE <i>Ka</i>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)							

CONTRACTOR *Val Rig 2* OWNER *Ritchie*

TYPE OF JOB *Surface*

HOLE SIZE *12 1/4* T.D. *437'* CEMENT AMOUNT ORDERED *325 ex class A*

CASING SIZE *8 7/8* DEPTH *437'* 3% CC 2% GEL

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. *20'*

PERFS.

DISPLACEMENT *26 1/2*

EQUIPMENT

ness

PUMP TRUCK CEMENTER *D.D. Drilling*

224 HELPER *Cody Roach*

BULK TRUCK

M. Lodge DRIVER *Thomas D.*

BULK TRUCK

353-314 DRIVER

REMARKS:

Ran 8 5/8 casing to bottom, circ. w rig mud, hook up to pump truck & mixed 325 ex class A 3% cc 2% gel shut down, change valves over, release 8 5/8 TWP & displace with 26 1/2 BBL's fresh H²O. Cement did circulate. Shut in on manifold.

CHARGE TO: *Ritchie Exploration Inc.*

STREET *P.O. Box 783188*

CITY *Wichita* STATE *Ka* ZIP *67278-3188*

Thank you!

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 *X Ron Moon*

COMMON *325 ex* @ *10.65* *3461.25*

POZMIX @

GEL *7 ex* @ *16.65* *116.55*

CHLORIDE *10 ex* @ *46.60* *466.00*

ASC @

@

@

@

@

@

HANDLING *342 ex* @ *1.90* *649.80*

MILEAGE *342 ex* @ *09 54* *1662.12*

TOTAL *6355.72*

SERVICE

DEPTH OF JOB *437'*

PUMP TRUCK CHARGE *815.00*

EXTRA FOOTAGE *137'* @ *.65* *89.05*

MILEAGE *54* @ *6.00* *324.00*

MANIFOLD @

@

TOTAL *1228.05*

PLUG & FLOAT EQUIPMENT

1. 8 7/8 TWP @ *60.00* *60.00*

@

@

@

@

TOTAL *60.00*

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE *X Ron Moon* PRINTED NAME

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ALLIED CEMENTING CO., INC. 24698

Febel

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

SERVICE POINT:
Medicine Lodge

DATE <u>10-31-06</u>	SEC <u>17</u>	TWP <u>27S</u>	RANGE <u>23W</u>	CALLED OUT <u>11:30 AM</u>	ON LOCATION <u>2:00 PM</u>	JOB START <u>6:30 PM</u>	JOB FINISH <u>7:10 PM</u>
LEASE <u>Donnie Carson</u>	WELL # <u>1</u>	LOCATION <u>Wright, KS. 5 1/2 south</u>		COUNTY <u>Ford</u>	STATE <u>KS.</u>		
OLD OR <u>NEW</u> (Circle one)		<u>to Willroads Sign 2 3/4 east</u>					

CONTRACTOR Val #2

TYPE OF JOB Production

HOLE SIZE 7 7/8 T.D.

CASING SIZE 5 1/2 x 15.5 DEPTH 5071.53

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX 1400 MINIMUM _____

MEAS. LINE _____ SHOE JOINT 17.53

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT 12 1/2 Bbls water

EQUIPMENT _____

PUMP TRUCK # 414-302 CEMENTER Carl Balding

BULK TRUCK # 421-251 DRIVER Robert H.

OWNER Ritchie Exploration

CEMENT AMOUNT ORDERED

275 sx 60:40:2+10% salt + .75% CD-31
+ Defoamer 500 gal. mud clean

COMMON <u>A 165 sx</u>	@ <u>10.65</u>	<u>1757.25</u>
POZMIX <u>110 sx</u>	@ <u>5.80</u>	<u>638.00</u>
GEL <u>5 sx</u>	@ <u>16.65</u>	<u>83.25</u>
CHLORIDE _____	@ _____	_____
ASC _____	@ _____	_____
<u>salt 28 sx</u>	@ <u>9.60</u>	<u>268.80</u>
<u>CD-31 177</u>	@ <u>7.50</u>	<u>1327.50</u>
<u>Defoamer 40</u>	@ <u>7.20</u>	<u>288.00</u>
<u>Mud-clean 500 gal</u>	@ <u>1.00</u>	<u>500.00</u>

HANDLING 33 @ 1.90 594.70

MILEAGE 54 x 313 x .09 152.18

TOTAL 6978.68

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REMARKS:

Run 5071 5 1/2 Csg. circulate on bottom w/ rig for 1 hour pump 500 Gal Mud Clean, plug R+M w/ 25 sx Cement. Mix & pump 250 sx 60:40:2+Additives. Wash pump & lines + Release plug Displace with 12 1/2 Bbls Freshwater. Dump plug + float held.

CHARGE TO: Ritchie Exploration

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB 5071.53

PUMP TRUCK CHARGE 1840.00

EXTRA FOOTAGE _____ @ _____

MILEAGE 54 @ 6.00 324.00

MANIFOLD _____ @ _____

Head Rental @ 100.00 100.00

TOTAL 2264.00

5 1/2" PLUG & FLOAT EQUIPMENT

<u>1- Reg Guideshoe</u>	@ <u>160.00</u>	<u>160.00</u>
<u>1- APU Insert</u>	@ <u>250.00</u>	<u>250.00</u>
<u>1- Port Collar</u>	@ <u>1750.00</u>	<u>1750.00</u>
<u>3- Baskets</u>	@ <u>150.00</u>	<u>450.00</u>
<u>7- Turbolizers</u>	@ <u>60.00</u>	<u>420.00</u>
<u>1- TRP</u>	@ <u>65.00</u>	<u>65.00</u>

TOTAL 3095.00

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.

ANY APPLICABLE TAX WILL BE CHARGED UPON INVOICING

DISCOUNT - _____ IF PAID IN 30 DAYS

SIGNATURE Gay Row

PRINTED NAME

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ALLIED CEMENTING CO., INC. 24049

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

SERVICE POINT:
med. lodge, ks.

DATE <u>1-6-06</u>	SEC <u>17</u>	TWP <u>27S</u>	RANGE <u>23W</u>	CALLED OUT <u>8:00A.m.</u>	ON LOCATION <u>1:00P.m.</u>	JOB START <u>1:30P.m.</u>	JOB FINISH <u>3:00P.m.</u>
LEASEE <u>Bonnie Carson</u>		WELL # <u>1</u>	LOCATION <u>Willroads Sign Past Ford</u>			COUNTY <u>Ford</u>	STATE <u>KS.</u>
OLD OR <u>NEW</u> (Circle one)			IS - <u>2 3/4 E - N/S</u>				

CONTRACTOR Plains well service

OWNER Ritchie Exploration

TYPE OF JOB Port Collar

HOLE SIZE _____ T.D. _____

CASING SIZE 5 1/2 DEPTH _____

TUBING SIZE 2 7/8 x 6.5 DEPTH 1387'

DRILL PIPE _____ DEPTH _____

TOOL Port Collar DEPTH 1387'

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT 7 1/2 Bbs Freshwater

EQUIPMENT

PUMP TRUCK CEMENTER Larry Dreiling

372 HELPER Darin F.

BULK TRUCK _____

421 DRIVER Clint W.

BULK TRUCK _____

_____ DRIVER _____

CEMENT

AMOUNT ORDERED 475sx 60:40:6t

1/4# Flo-seal (used 290sx)

COMMON 174 A @ 10.65 1853.10

POZMIX 116 @ 5.80 672.80

GEL 15 @ 16.65 249.75

CHLORIDE _____ @ _____

ASC _____ @ _____

Flo Seal 73 # @ 2.00 146.00

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

HANDLING 505 @ 1.90 959.50

MILEAGE 54 x 505 x .09 2454.30

TOTAL 6335.45

SERVICE

DEPTH OF JOB 1387'

PUMP TRUCK CHARGE 0.300' 815.00

EXTRA FOOTAGE 1087' @ .65 706.55

MILEAGE 54 @ 6.00 324.00

MANIFOLD _____ @ _____

_____ @ _____

_____ @ _____

TOTAL 1845.55

PLUG & FLOAT EQUIPMENT

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

**ANY APPLICABLE TAX
WILL BE CHARGED
UPON INVOICING**

TOTAL _____

TAX _____

TOTAL CHARGE [scribble]

DISCOUNT [scribble] IF PAID IN 30 DAYS

REMARKS:

Port Collar-1387' Test Csg. to
1200 PSI. OK Inj. Rate 3BPM
C 200 PSI Cement w/ 290sx 60:40:
6t 1/4# Flo-seal Cement Circulates
Shut off Cement Circ. 10sx to 4t
Displace 7 1/2 BBS. Close Tool PSI
Up to 1200# OK Reverse out.
Pull tubing.

CHARGE TO: Ritchie Exploration

STREET _____

CITY _____ STATE _____ ZIP _____

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 x Thomas A. Atkins

X THOMAS A. ATKINS
PRINTED NAME

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January 24, 2007

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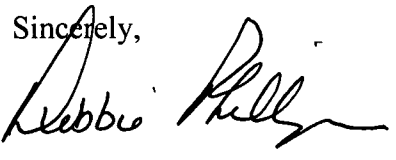
State Corporation Commission
Conservation Division
130 S. Market, Room 2078
Wichita, KS 67202

RE: #1 Bonnie Carson
Sec. 17-27S-23W
Ford 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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