

12/22/11

CONFIDENTIAL

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

OPERATOR: License # 4767
 Name: Ritchie Exploration, Inc.
 Address 1: P.O. Box 783188
 Address 2: _____
 City: Wichita State: KS Zip: 67278 + 3118
 Contact Person: Craig Caulk
 Phone: (316) 691-9500
 CONTRACTOR: License # 30606
 Name: Murfin Drilling Co., Inc.
 Wellsite Geologist: Tom Pronold
 Purchaser: _____
 Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW
 Gas ENHR SIGW
 CM (Coal Bed Methane) Temp. Abd.
 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. Conv. to SWD
 Plug Back: _____ Plug Back Total Depth _____
 Commingled Docket No.: _____
 Dual Completion Docket No.: _____
 Other (SWD or Enhr.?) Docket No.: _____

<u>8/27/09</u>	<u>9/3/09</u>	<u>9/3/09</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 153-20879-00-00
 Spot Description: 75' S & 110' E of
NE NE NW SE Sec. 8 Twp. 2 S. R. 33 East West
2400 Feet from North / South Line of Section
1375 Feet from East / West Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
 County: Rawlins
 Lease Name: Bearley Unit Well #: 1
 Field Name: _____
 Producing Formation: _____
 Elevation: Ground: 3041 Kelly Bushing: 3046
 Total Depth: 4254 Plug Back Total Depth: _____
 Amount of Surface Pipe Set and Cemented at: 265 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 PANS 1-19-10
 (Data must be collected from the Reserve Pit)
 Chloride content: 2500 ppm Fluid volume: 400 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: Geologist Date: 12/22/09
 Subscribed and sworn to before me this 22nd day of December,
20 09.
 Notary Public: Debra K. Phillips
 Date Commission Expires: 5/4/11

KCC Office Use ONLY

Letter of Confidentiality Received
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

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 **DEBRA K. PHILLIPS**
 Notary Public - State of Kansas
 My Appt. Expires 5/4/11

Operator Name: Ritchie Exploration, Inc. Lease Name: Bearley Unit Well #: 1
 Sec. 8 Twp. 2 S. R. 33 East West County: Rawlins

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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: Dual Induction Log Compensated Density/Neutron Log	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input checked="" type="checkbox"/> Sample Name Top Datum <p style="text-align: center;">SEE ATTACHED</p>
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CASING RECORD <input checked="" 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
Surface	12-1/4	8-5/8	23	265	common	170	3%cc, 2%gel

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 <i>(Amount and Kind of Material Used)</i>	Depth

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TUBING RECORD: Size: _____ Set At: _____ Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Date of First, Resumed Production, SWD or Enhr. _____		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: <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 type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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#1 Bearley Unit

2400' FSL & 1375' FEL

75'S & 110'E of NE NE NW SE Section 8-2S-33W

Rawlins County, Kansas

API# 15-153-20879-0000

<u>Sample Tops</u>			<u>Ref. Well</u>
Anhydrite	2849'	+197	+5
B/Anhydrite	2891'	+155	+1
Oread	3940'	-894	+7
Heebner	3950'	-904	+10
Lansing "A"	3994'	-948	+4
Lansing "D"	4046'	-1000	+2
Lansing "G"	4094'	-1048	flat
Lansing "H"	4144'	-1098	-3
Lansing "J"	4182'	-1136	+4
Lansing "K"	4226'	-1180	-3
BKC	4233'	-1187	flat
RTD	4255'	-1209	

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ALLIED CEMENTING CO., LLC. 043703

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

SERVICE POINT: Oakley

DATE <u>8.27.09</u>	SEC <u>8</u>	TWP. <u>25</u>	RANGE <u>33W</u>	CALLED OUT	ON LOCATION <u>9:30pm</u>	JOB START <u>11:00pm</u>	JOB FINISH <u>11:30pm</u>
LEASE <u>Brady</u>	WELL# <u>W-1</u>	LOCATION <u>Atwood SW 1/4</u>			COUNTY <u>Rawlins</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)							

CONTRACTOR W-1 #3 OWNER _____

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 265' CEMENT AMOUNT ORDERED 170 cum 3 1/2" core

CASING SIZE 8 1/2 DEPTH 265' 2 1/2" core

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15'

PERFS.

DISPLACEMENT 15.9

EQUIPMENT

PUMP TRUCK CEMENTER Fuzzy

431 HELPER Kelly

BULK TRUCK DRIVER Terry

BULK TRUCK DRIVER

DRIVER

HANDLING 179 @ 2.40 429.60

MILEAGE 110.5 mile @ 10.20 1020.30

TOTAL 4488.00

REMARKS:

Cement did circulate

in cellar

Plug down @ 11:15pm

Thanks Fuzzy crew

CHARGE TO: Petkie Exploration

STREET _____

CITY _____ STATE _____ ZIP _____

TOTAL 1417.00

PLUG & FLOAT EQUIPMENT

1.8 5/8 plug @ 68.00

TOTAL 68.00

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS

PRINTED NAME _____

SIGNATURE Kurt Van Bort

To Allied Cementing Co., LLC.

You are hereby requested to rent cementing equipment and furnish cementer and helper(s) 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 and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

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ALLIED CEMENTING CO., LLC. 043709

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

SERVICE POINT: 04 Hwy, KS

DATE 9.3.09	SEC 8	TWP. 25	RANGE 33w	CALLED OUT 1:30 pm	ON LOCATION 2:00 pm	JOB START 11:30 am	JOB FINISH 12:00 am
LEASE Bealy unit	WELL# #1	LOCATION Wood 6w-ein			COUNTY Rawlins	STATE KS	
OLD OR <input checked="" type="radio"/> NEW (Circle one)							

CONTRACTOR Murphy #3	OWNER
TYPE OF JOB PTA	CEMENT
HOLE SIZE 7 7/8	T.D. 4275
CASING SIZE	DEPTH
TUBING SIZE	DEPTH
DRILL PIPE 4 1/2 x H	DEPTH 2860
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG.	
PERFS.	
DISPLACEMENT	
EQUIPMENT	
PUMP TRUCK # 422	CEMENTER Fuzz4
	HELPER Kelly
BULK TRUCK # 377	DRIVER Darren
BULK TRUCK #	DRIVER

AMOUNT ORDERED	220 60/40 40%	
COMMON	132 @ 15.45	2039.40
POZMIX	88 @ 8.00	704.00
GEL	8 @ 20.80	166.40
CHLORIDE	@	
ASC	@	
HANDLING	228 @ 2.00	456.00
MILEAGE	10 x 5K/mile	1299.00
TOTAL		4,706.40

REMARKS:

25 SKS @ 2860'
100 SKS @ 2100'
40 SKS @ 310'
10 SKS @ 40' w/ plus
15 SKS in MH
30 SK in RH
Job complete @ 12:00 am
Thanks Fuzz4 & crew

SERVICE

DEPTH OF JOB	2860'
PUMP TRUCK CHARGE	1017.00
EXTRA FOOTAGE	@
MILEAGE	57 @ 7.00 399.00
MANIFOLD	@
	@
TOTAL	1416.00

CHARGE TO: Relative Exploration
STREET _____
CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
TOTAL		_____

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You are hereby requested to rent cementing equipment and furnish cementer and helper(s) 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 and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME _____
SIGNATURE Keith Van Bort

SALES TAX (If Any) _____
TOTAL CHARGES _____
DISCOUNT _____ IF PAID IN 30 DAYS

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