

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

3/4/12

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 5316
Name: FALCON EXPLORATION, INC.
Address: 125 N. MARKET, SUITE 1252
City/State/Zip: WICHITA, KS 67202
Purchaser: NA
Operator Contact Person: MIKE MITCHELL
Phone: (316) 262-1378
Contractor: Name: VAL ENERGY INC.
License: 5822
Wellsite Geologist: KEITH REAVIS

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW 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. _____
11/21/09 12/14/09
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - ²⁰³²⁰069-20230-0000
County: GRAY
NE SW NE NW Sec. 23 Twp. 28 S. R. 30 East West
850 feet from S / (circle one) Line of Section
1850 feet from E / (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE (NW) SW
Lease Name: FRY Well #: 1-23
Field Name: WC
Producing Formation: _____
Elevation: Ground: 2791 Kelly Bushing: 2801
Total Depth: 6150 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at 1858 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 3050 Feet
If Alternate II completion, cement circulated from 3050
feet depth to SURFACE w/ 500 sx cmt.

Drilling Fluid Management Plan APP II US 31070
(Data must be collected from the Reserve Pit)
Chloride content 9000 ppm Fluid volume _____ bbls
Dewatering method used ALLOW TO DRY
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: PRESIDENT Date: 3/3/10
Subscribed and sworn to before me this 3RD day of MARCH
20 10
Notary Public: Rosann M. Schippers
Date Commission Expires: 9/28/11

ROSANN M. SCHIPPERS
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 9/28/11

KCC Office Use ONLY

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

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Operator Name: FALCON EXPLORATION, INC. Lease Name: FRY Well #: 1-23
 Sec. 23 Twp. 28 S. R. 30 East West County: GRAY

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: CNL/CDL/PE;DIL;SONIC;MEL	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum SEE ATTACHED
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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"	24	1858	65/36	500	3% CC, 6% GEL
PRODUCTION	7-7/8	5-1/2	15.5	4425	AA	220	

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

TUBING RECORD		Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. WOCT			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 Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval _____

FRY #1-23
NW SECTION 23-28S-30W
GRAY COUNTY, KANSAS
API #15-069-20230-0000

DST #1: 2612-2726, 5"-85"-90"-180" FAIR BLDG. BLOW 1ST OPEN. WEAK BLOW 2ND OPEN. RECOVERED 125' WM (38% WATER, 62% MUD). IHP 1256# -- IFP'S 41#-39# -- ISIP 635# -- FFP 63#-73# -- FSIP 386# -- FHP 1251# -- BHT 89 DEG. F

DST #2: 3062-3175', 5"-120"-38"-120". BOB INSTANTANEOUSLY ON BOTH OPENS. RECOVERED 2610' GIP, 125' WCM (17% WATER, 83% MUD), 190' VHM CW (58% WATER, 42% MUD), 250' VSWCM (7% WATER, 93% MUD)
IHP 1370# -- IFP'S 254#-244# -- ISIP 713# -- FFP'S 280#-432# -- FSIP 713# -- FHP 1350#. BHT 91°. GAS GAUGE: 1ST FLOW -- 10 MIN./220 MCF GPD, 2ND FLOW -- 10 MIN./430 MCF, 20 MIN./534 MCF, 25 MIN./546 MCF.

DST #3: 3473-3505', 5"-90"-60"-120". BOB INSTANTANEOUSLY ON BOTH OPENS. RECOVERED 3450' GIP, 55' M (100% MUD), IHP 1630# -- IFP'S 140#-138# -- ISIP 934# -- FFP'S 117#-216# -- FSIP 921# -- FHP 1625#. BHT 96°. GAS GAUGE: 1ST FLOW -- 10 MIN./348 MCF GPD, 2ND FLOW -- 10 MIN./725 MCF, 20 MIN./840 MCF, 30 MIN./907 MCF 40 MIN./930 MCF GPD, 50 MIN./951 MCF, 60 MIN./951 MCF.

DST #4: 3534-3563', 6"-120"-60"-120". VERY STRONG BLOW ON FIRST OPEN. BOB INSTANTANEOUSLY. GTS 5 MIN. VERY STRONG BLOW ON 2ND OPEN. BOB INSTANTANEOUSLY AND GTS INSTANTANEOUSLY. RECOVERED 3463' GIP, 100' MUD. IHP 1661# -- IFP'S 73-101# -- ISIP 952# -- FFP'S 111-182# -- FSIP 949# -- FHP 1625#. BHT 95°. GAS GAUGE: 1ST FLOW -- 5 MIN/ 220 MCF. 2ND FLOW -- 10 MIN/449 MCF, 20 MIN/558 MCF, 30 MIN/605 MCF, 40 MIN/639 MCF, 50 MIN/662 MCF, 60 MIN/674 MCF.

DST #5: 3631-3662', 5"-90"-20"-0. WEAK BLOW ON FIRST OPEN. STRONG BLOW ON SECOND. RECOVERED 35' MUD. IHP 1717# -- IFP'S 32-25# ISIP 969# -- FFP'S 35-28# -- FSIP 0 -- FHP 1705#. BHT 99°

DST #6: 4086-4125', 5"-90"-60"-120". VERY STRONG BLOW ON FIRST OPEN. HITTING BOB IN 30 SECONDS. GTS IN 3 MINUTES. VERY STRONG BLOW ON 2ND OPEN. HITTING BOB INSTANTANEOUSLY. GTS INSTANTANEOUSLY. RECOVERED 3955' GIP AND 170' MUD. IHP 2003# -- IFP'S 187- 158# -- ISIP 1207# -- FFP'S 197-214# -- FSIP 1218# -- FHP 1991#. BHT 105 DEG. F. GAS GAUGE: 1ST OPEN 5 MIN/295 MCF 2ND OPEN 10 MIN/653 MCF, 20 MIN/700 MCF, 30 MIN/777 MCF, 40 MIN/777 MCF, 50 MIN/777 MCF, 60 MIN/777 MCF

DST #7: 4166-4220', 5"-90"-45"-90. VERY STRONG BLOW ON FIRST OPEN. HITTING BOB INSTANTANEOUSLY. GTS IN 2 MINUTES. VERY STRONG BLOW ON 2ND OPEN. HITTING BOB INSTANTANEOUSLY. GTS INSTANTANEOUSLY. RECOVERED 4125' GIP AND 90' MUD. IHP 2043# -- IFP'S 318- 304# -- ISIP 1231# -- FFP'S 349-341# -- FSIP 1214# -- FHP 2035#. BHT 102 DEG F. GAS GAUGE: 1ST OPEN 5 MIN/700 MCF 2ND OPEN 10 MIN/1421 MCF, 20 MIN/1506 MCF, 30 MIN/1506 MCF, 40 MIN/1462 MCF, 45 MIN/1506 MCF.

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DST #8: 4350-4364', 5"-90"-60"-90". 1ST OPEN WEAK 1/4" BLOW AT OPEN, BUILDING TO BOB IN 2". 2ND OPEN STRONG BLOW THROUGHOUT RECOVERED 2220 HMCW (91% WATER, 9% MUD).

IHP 2123# -- IFP'S 124#-234# -- ISIP 1282# -- FFP'S 269#-1072# -- FSIP 1270# -- FHP 2115# BHT 116 deg. F.

DST #9: 4444-4491', 5"-90"-75"-120". 1ST OPEN WEAK SURFACE BLOW BUILDING TO 7", 2ND OPEN WEAK 1/4 BLOW BUILDING TO BOB IN 36 MINUTES, RECOVERED 760' GIP, 65' WATERY HEAVY MUD CUT OIL, (48% OIL, 15% WATER, 37% MUD), 125' GASSY, WATER, HEAVY OIL CUT MUD, (8% GAS, 29% OIL, 13% WATER, 50% MUD), 435' MUD CUT WATER, WITH A VERY SLIGHT TRACE OIL (TRACE OIL, 86% WATER, 14% MUD) 245' VERY SLIGHT MUD CUT WATER, (98% WATER, 2% MUD), 125' GASSY AND 10' MUD. IHP 2160# -- IFP'S 61# -89# -- ISIP 1320# -- FFP'S 104#-492# -- FSIP 1275# -- FHP 2145# BHT 116 DEG. F.

DST #10: 4537-4570: 5-90-30-0. VERY WEAK BLOW ON BOTH OPENS. RECOVERED 10' MUD. IHP2190# -- IFP'S 38-21# --

ISIP 1373# -- FFP'S 36-24# -- FHP 2184#. BHT 108⁰ .

DST #11: 5159-5259': 5-90-45-90. VERY WEAK SURFACE BLOW BUILDING TO 1/4" BLOW, WEAK SURFACE BLOW ON 2ND OPEN.

RECOVERED 15' MUD. IHP 2513# -- IFP'S 38-21# -- ISIP 1491# -- FFP'S 37-23# -- FSIP 1304# -- FH 2478# -- BHT 119 F

LOG TOPS:

Anhy	1718	1083
B/Anhy	1807	994
Chase	2610	191
Winfield	2701	100
Cottonwood	3046	-245
Neva	3122	-321
Red Eagle	3159	-358
Stotler	3466	-665
Topeka	3739	-938
Lecompton	3920	-1119
Heebner	4087	-1286
Toronto	4110	-1309
Lansing	4185	-1384
Stark	4539	-1738
Marmaton	4692	-1891
Pawnee	4778	-1977
Cherokee Sh	4824	-2023
Morrow Sh	5017	-2216
Miss (St. Gen.)	5078	-2277
Miss (St. Louis A)	5196	-2395
Warsaw	5542	-2741
Osage	5826	-3025
Viola	6072	-3271

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ALLIED CEMENTING CO., LLC. 30673

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KANSAS CORPORATION COMMISSION

TO P.O. BOX 31
RUSSELL, KANSAS 67665

M&R # 4 2010

SERVICE POINT:
Liberal K.S.

DATE 11.23.09	SEC. 23	TWP. 28	RANGE 30	CONSERVATION DIVISION WICHITA, KS	WELLED OUT	ON LOCATION	JOB START 2:30/12:40	JOB FINISH 3:30/11:40
LEASE Fry	WELL# 1-23	LOCATION Montezuma K.S. IN to			County Gray	STATE K.S.		
OLD OR <u>NEW</u> (Circle one)		CR Bfl Miles West, South into						

CONTRACTOR Val Rig #2

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 1860

CASING SIZE 8 5/8 DEPTH 1859

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT 30.94

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT

OWNER

CEMENT

AMOUNT ORDERED 500^{SK} lite -3% CC

1/4# Flo Seal

150^{SK} Common 3% CC

COMMON	<u>150</u>	@	<u>15.45</u>	<u>2317.50</u>
POZMIX		@		
GEL		@		
CHLORIDE	<u>16</u>	@	<u>58.20</u>	<u>931.20</u>
ASC		@		
<u>Light Weight Flo Seal</u>	<u>500</u>	@	<u>14.80</u>	<u>7400.00</u>
<u>Flo Seal</u>	<u>125</u>	@	<u>2.50</u>	<u>312.50</u>
		@		
<u>Common</u>	<u>350</u>	@	<u>15.45</u>	<u>5407.50</u>
		@		
		@		
		@		
HANDLING	<u>1021</u>	@	<u>2.40</u>	<u>2450.40</u>
MILEAGE				<u>3573.50</u>
TOTAL				<u>22392.60</u>

EQUIPMENT

PUMP TRUCK CEMENTER Kenny

366 HELPER Tony

BULK TRUCK

472-468 DRIVER Mago

BULK TRUCK

457-239 DRIVER Kirby

REMARKS:
THANK YOU!!!

SERVICE

DEPTH OF JOB

PUMP TRUCK CHARGE 2011.00

EXTRA FOOTAGE @

MILEAGE 35 @ 7.00 245.00

MANIFOLD 1 @ 113.00 113.00

Plug 2 @ 113.00 226.00

TOTAL 2,995.00

CHARGE TO: Falcon

STREET Box 551

CITY Russell STATE Ks ZIP 67665

PLUG & FLOAT EQUIPMENT

AFU Insert	<u>1</u>	@	<u>377.00</u>	<u>377.00</u>
Basket	<u>2</u>	@	<u>248.00</u>	<u>496.00</u>
Centralizer's	<u>5</u>	@	<u>62.00</u>	<u>310.00</u>
	<u>2</u>	@		
TOTAL				<u>1183.00</u>

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.

PRINTED NAME Leon Kahn

SIGNATURE Leon Kahn

SALES TAX (If Any)

TOTAL CHARGES

DISCOUNT ~~1183.00~~ IF PAID IN 30 DAYS

Customer Falcon Exploration	Lease No.	Date 12/15/09
Lease FR4	Well # 1-23	
Field Order # 00341	Station 1717	Casing 5 1/2" Depth
Type Job 242	D.V. Longstring	County Gray State KS
	Formation	Legal Description 23-28-30

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 5 1/2"	Tubing Size	Shots/Ft	1st Stage	Acid 220sx AAZ	10% RATE	PRESS	ISIP	
Depth 4431.36	Depth	From	To	Pre Pad 1.39 yield, 5.8 gal/sx	Max 5# Gilsomite, 1/4" Calc. Lk.	1/4" Deformer, .6% FLA-115.	5 Min.	.3% CFR
Volume 705	Volume	From	To	Pad 15.3 ppq	Min		10 Min.	
Max Press 3000	Max Press	From	To 2nd Stage	Frac 550sx AAZ	Avg Same	additives	15 Min.	+ Yield
Well Connection Plug Cont.	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth 4410.93	Packer Depth	From	To	Flush	Gas Volume		Total Load	

Customer Representative Chad Hinz	Station Manager Jerry Bennett	Treater Garry Humphries
Service Units 19888	20462	14355
Driver Names Garry	Chad Hinz	Robert Cox
		Jerome Kramer

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
0730					Arrive on loc w/FE - Pulling Drill Pipe
01300					Start in Hole w/ 5 1/2" 15.5# Casing
					Open Hole TD -
			Hole TD	6150'	Total Casing 4431.36' - Packer Shoe
					Shoe Jt - 4410.93' - Latch Down Bevel
					D.V. Tool @ 3050.11' Top Jt # 37
					Baskets @ 91' @ 85, 70 jt. #
					6 Turbolizer's throughout.
235					Casing on Bottom
245					Start Circulating w Rig
345					Drop Ball (Packer Shoe) wait 20 min
405	700			.5	Start PSI to Set Packer Shoe
407	1200			.5	Take PSI up to 1200 - Packer Set !!
408	150		22	4	start Superflush II
414	150		0	3	Start 220sx AAZ @ 15.3#
435	0		54	3	Finish Cement
438					Wash Pumps + Lines to Pit
439					Drop 1 st Plug
440	0		0	4	Start Pumping Displacement
456	100		70	4	Pumping Displ.
515	700 - 1200		105	2	Land Plug
516	0				Release PSI - Held

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JOB LOG CONT

TICKET #

00341

TICKET DATE

12/15/09

Chart No.	Time	Rate (BPM)	Volume (BBL)(GAL)	Rate		Press. (PSI)		Job Description / Remarks
				N2	CSG.	Tbg		
	520							Drop D.V. Opening Tool 10bit 15min
	521							Load Plug for Second Stage
	535	2	5		800			Start Pumping - Open D.V. tool
	545							Rig start circulating well
	745	2	13		0			Plug Rat + Mouse Holes
	800	3	22		400			Start Superflush II
	812	2	0		400			Start Pumping 500sx AA2 Cement @ 15.3#
	912	2	123		0			Finish Pumping Cement
	915							Clean Pumps + Lines to Pit
	916							Drop Plug
	920	3	0		0			Start Pumping H2O Displacement
	939	3	55		750			Pumping Displacement
	955	2	72.5		1250			Land Plug
	956				0			Release PSI (Did Not Hold)
	957	.5	72.5		1500			PSI up Land Plug again
	958							Release PSI - (Did Not Hold)
	1000	.5	72.5		1000			PSI casing 1000psi Shut in Well Head
								Release PSI - On Our Lines
								Post Job Safety Meet
								Rig Down Equipment
								Great Job
								Thanks
								Carry & Crew

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