

**CONFIDENTIAL**

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

RECEIVED JUL 28 2010 ORIGINAL

Form ACO-1  
June 2009

KCC WICHITA

Form Must Be Typed  
Form must be Signed  
All blanks must be Filled

7/28/12

**WELL COMPLETION FORM**  
**WELL HISTORY - DESCRIPTION OF WELL & LEASE**

OPERATOR: License # 5316  
Name: FALCON EXPLORATION INC.  
Address 1: 125 N. MARKET, SUITE 1252  
Address 2: \_\_\_\_\_  
City: WICHITA State: KS Zip: 67202 + \_\_\_\_\_  
Contact Person: MICHEAL S MITCHELL  
Phone: (316) 262-1378 **KCC**  
CONTRACTOR: License # 5822 **JUL 28 2010**  
Name: VAL ENERGY INC.  
Wellsite Geologist: KEITH REAVIS **CONFIDENTIAL**  
Purchaser: NA

Designate Type of Completion:

- New Well       Re-Entry       Workover
- Oil       WSW       SWD       SIOW
- Gas       D&A       ENHR       SIGW
- OG       GSW       Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic     Other (Core, Expl., 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
- Conv. to GSW
- Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_
- Commingled      Permit #: \_\_\_\_\_
- Dual Completion      Permit #: \_\_\_\_\_
- SWD      Permit #: \_\_\_\_\_
- ENHR      Permit #: \_\_\_\_\_
- GSW      Permit #: \_\_\_\_\_

<u>4/09/10</u>	<u>4/22/10</u>	
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 025-21500-0000

Spot Description: \_\_\_\_\_  
NW SE SW NE Sec. 30 Twp. 30 S. R. 22  East  West  
2,280 Feet from  North /  South Line of Section  
1,730 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE     NW     SE     SW

County: CLARK

Lease Name: SWAYZE Well #: 1-30(NE)

Field Name: WC

Producing Formation: NA

Elevation: Ground: 2430 Kelly Bushing: 2440

Total Depth: 6130 Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: 687 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**

(Data must be collected from the Reserve Pit)

Chloride content: 18800 ppm Fluid volume: 1500 bbls

Dewatering method used: Haul off free fluids; allow to dry

Location of fluid disposal if hauled offsite:

Operator Name: DILLCO FLUID SERVICE

Lease Name: FELDMAN License #: 6652

Quarter \_\_\_\_\_ Sec. 18 Twp. 34 S. R. 28  East  West

County: MEADE Permit #: D23094

**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.

**AFFIDAVIT**

I am the affiant and I hereby certify that 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: 7-28-10

**KCC Office Use ONLY**

- Letter of Confidentiality Received  
Date: 7/28/10 - 7/28/12
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: NJ Date: 8-10-10

Operator Name: **FALCON EXPLORATION INC.** Lease Name: **SWAYZE** Well #: **1-30(NE)**  
 Sec. **30** Twp. **30** S. R. **22**  East  West County: **CLARK**

**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 complete copy of all Electric Wire-line 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 Electric Log Submitted Electronically <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run: <b>MEL;CDL/CNL;DIL/BHCS</b>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum  <p style="text-align: center; font-weight: bold;">SEE ATTACHED SHEET</p> <p style="text-align: center;">408 4 2 1981</p> <p style="text-align: center;">4 13 2 1980</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
<b>SURFACE</b>	<b>12-1/4</b>	<b>8-5/8</b>	<b>24</b>	<b>687</b>	<b>65/35;CLASS A</b>	<b>225;150</b>	<b>2% GEL, 3% CC</b>

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

<b>TUBING RECORD:</b>		<b>Size:</b>	<b>Set At:</b>	<b>Packer At:</b>	<b>Liner Run:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No
<b>Date of First, Resumed Production, SWD or ENHR.</b>			<b>Producing Method:</b> <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____		
<b>Estimated Production Per 24 Hours</b>	<b>Oil Bbls.</b>	<b>Gas Mcf</b>	<b>Water Bbls.</b>	<b>Gas-Oil Ratio</b>	<b>Gravity</b>

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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WELL HISTORY  
SWAYZE #1-30 (NE)  
2280' FNL & 1730' FEL (NW SE SW NE)  
SECTION 30-30S-22W  
CLARK COUNTY, KANSAS  
API #15-025-21500-0000

**DST #1:** 5100-5180' , 5-90-90-150. 1ST OPEN - WEAK SURFACE BLOW AT THE START OF THE INITIAL FLOW PERIOD, BUILDING TO 1 INCH. 2ND OPEN VERY WEAK BLOW REACHING THE BOTTOM OF THE BUCKET IN 35 1/2 MIN. WAS BLED IT OFF IN 60 MIN INTO PERIOD, AND IT TOOK 23 MINUTES TO BUILD TO REACH THE BOTTOM OF THE BUCKET AGAIN. WEAK 1/4 INCH BLOW BACK - THROUGHOUT THE FINAL SHUT-IN PERIOD. RECOVERED 160' GAS IN PIPE, 110' VERY SLIGHT OIL CUT MUD (3% OIL, 97% MUD), 65' VERY SLIGHT OIL, VERY HEAVY WATER CUT MUD (2% OIL, 47% WATER, 51% MUD), 125' MUD CUT WATER (82% WATER, 18% MUD), DST 96,000 PPM CHLORIDES, IHP 2473# -- IFP'S 43-33# -- ISIP -- 1722 - FFP'S 53-157#, FSIP 1647#-- FHP 2462#. BHT 114 DEG

**DST #2:** 5318-5419' , 5-90-90-180. ONE INCH BLOW AT THE START OF FIRST FLOW, BUILDING TO 6 INCHES. VERY STRONG BLOW AT START OF 2ND FLOW, HITTING BOB INSTANTANEOUSLY. BLED IT OFF 50 MIN. INTO PERIOD. TOOK 27 MINUTES TO REACH BOB AGAIN. RECOVERED 540' GIP AND 30' MUD. IHP 2570# -- IFP'S 32-24# -- ISIP 288# -- FFP'S 38-27# -- FSIP 442# -- FHP 2620#.

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	<u>Depth</u>	<u>E-Log</u>	<u>Datum</u>
Chase Group	2715		-275
Root Shale	3646		-1206
Stotler Ls	3714		-1274
King Hill	4260		-1820
Heebner	4422		-1982
Toronto	4440		-2000
Douglas Sh	4459		-2019
Douglas Ls	4502		-2062
Br Lime	4585		-2145
Lansing	4606		-2166
Stark Shale	4965		-2525
Hushpuckney	4995		-2555
B/KC	5070		-2630
Marmaton	5088		-2648
Pawnee Ls.	5166		-2726
Cherokee	5216		-2776
Inola Ls	5314		-2874
Morrow-Atoka	5326		-2886
Morrow Ss	absent		
Mississippian	5350		-2910
Cowley Facies	5888		-3448
Chert	6094		-3654

**KCC**

**JUL 28 2010**

**CONFIDENTIAL**

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**JUL 28 2010**

**KCC WICHITA**

# ALLIED CEMENTING CO., LLC. 041484

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

KCC

SERVICE POINT:

JUL 28 2010

Medicine Lodge, KS

DATE 040910	SEC. 30	TWP. 30s	RANGE 22w	CONFIDENTIAL	ON LOCATION	JOB START 12:30 AM	JOB FINISH 1:45 AM
LEASE Subyze	WELL # 1-30NE	LOCATION Kingsdown, Bs, 1/4w, N & W/Clark	COUNTY	STATE			
OLD OR NEW (Circle one) <u>NEW</u>			into				

CONTRACTOR: Val #3  
 TYPE OF JOB: Surface  
 HOLE SIZE: 12 1/4" I.D. 692  
 CASING SIZE: 8 5/8" DEPTH 687  
 TUBING SIZE: DEPTH  
 DRILL PIPE: DEPTH  
 TOOL: DEPTH  
 PRES. MAX: 600 MINIMUM  
 MEAS. LINE SHOE JOINT 42  
 CEMENT LEFT IN CSG: 42  
 PERFS.  
 DISPLACEMENT 42 Bbls Fresh H<sub>2</sub>O

OWNER: Falcon Explo.  
 CEMENT  
 AMOUNT ORDERED 225sx 65:35:6% gel + 3% cc  
 + 1/4" Flo Seal & 150sx "A" + 3% cc + 2% gel  
 COMMON: 150sx @ 15.45 = 2,317.50  
 POZ MIX @  
 GEL 3sx @ 20.80 = 62.40  
 CHLORIDE 12sx @ 58.20 = 698.40  
 ASC @  
 Light 225sx @ 14.80 = 3,330.00  
 Flo-seal 56# @ 2.50 RECEIVED  
 @  
 @ JUL 28 2010  
 @ KCC WICHITA  
 @  
 HANDLING 375sx @ 2.40 = 900.00  
 MILEAGE 375sx 25x.10 = 937.50  
 TOTAL 8,385.80

EQUIPMENT  
 PUMP TRUCK: CEMENTER D. Felio  
 # 181 HELPER Alvin  
 BULK TRUCK  
 # 421-251 DRIVER R. Gilley  
 BULK TRUCK  
 # DRIVER

REMARKS:  
 Pipe on Btm, Break Circ, Pump Spacer  
 Mix 225sx 1.5e weight Cement, Mix 150sx  
 tail Cement, Stop Pump, Release Plug,  
 Start Disp. w/ Fresh H<sub>2</sub>O, ~~See increase in P.S.T.~~  
~~Wash up on Plug, See increase in P.S.T.~~  
 Slow Rate, Bump Plug at 42 Bbls total  
 Disp. & Shut in, Cement D. d. Circ.

SERVICE  
 DEPTH OF JOB 687  
 PUMP TRUCK CHARGE 1018.00  
 EXTRA FOOTAGE 387 @ .85 = 328.95  
 MILEAGE 25 @ 7.00 = 175.00  
 MANIFOLD Head Rental @  
 @  
 @

CHARGE TO: Falcon Explo.  
 STREET  
 CITY STATE ZIP

TOTAL 1,521.95

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.

PLUG & FLOAT EQUIPMENT  
 1 - TRP @ 113.00 = 113.00  
 1 - centralizer @ 44.80 = 44.80  
 2 - Baskets @ 221.20 = 442.40  
 1 - Baffle Plate @ 152.00 = 152.00  
 TOTAL 752.20

PRINTED NAME  
 SIGNATURE

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

# ALLIED CEMENTING CO., LLC. 041447

KCC

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

JUL 28 2010

SERVICE POINT:

Medicine Lodge, KS

CONFIDENTIAL

DATE <u>4-23-10</u>	SEC. <u>30</u>	TWP. <u>30N</u>	RANGE <u>22W</u>	CALLED OUT <u>1:30 PM</u>	ON LOCATION <u>4:30 PM</u>	JOB START <u>7:00 AM</u>	JOB FINISH <u>8:00 AM</u>
LEASE <u>SW 9/2E</u>		WELL # <u>1-30</u>		LOCATION <u>Kingsdown, KS, 8 South</u>		COUNTY <u>Clarks</u>	STATE <u>KS</u>
OLD OR <u>(NEW)</u> (Circle one)				<u>0/1000</u>			

CONTRACTOR UGI #2  
 TYPE OF JOB Recovery plug  
 HOLE SIZE 7 7/8 T.D.  
 CASING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 DRILL PIPE 4 1/2 DEPTH 1400'  
 TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_  
 PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_  
 CEMENT LEFT IN CSG. \_\_\_\_\_  
 PERFS. \_\_\_\_\_  
 DISPLACEMENT 3 water 10 mud

OWNER Falcon Exploration  
 CEMENT  
 AMOUNT ORDERED 220 SY 60' 40' 40' 90'

EQUIPMENT  
 PUMP TRUCK, CEMENTER Deron F.  
 # 360-265 HELPER Deve F.  
 BULK TRUCK  
 # 421-251 DRIVER Matt J.  
 BULK TRUCK  
 # \_\_\_\_\_ DRIVER \_\_\_\_\_

COMMON 132 SY @ 15.45 2,039.40  
 POZMIX 88 SY @ 8.00 704.00  
 GEL 8 SY @ 20.80 166.40  
 CHLORIDE \_\_\_\_\_ @ \_\_\_\_\_  
 ASC \_\_\_\_\_ @ \_\_\_\_\_  
 @ \_\_\_\_\_  
 @ \_\_\_\_\_  
 @ **RECEIVED**  
 @ \_\_\_\_\_  
 @ JUL 28 2010  
 @ \_\_\_\_\_  
 @ **KCC WICHITA**  
 @ \_\_\_\_\_  
 @ \_\_\_\_\_  
 HANDLING 228 SY @ 2.40 547.20  
 MILEAGE 228 SY X 25 X .10 = 570.00  
 TOTAL 4,027.00

REMARKS:

1st plug - 1400' - pump 8 1/2 water chert  
mix 50 SY, Displace 3 water 10 bbls of  
mud, 2nd plug - 720' - pump 15 bbls water  
ghess, mix 50 SY, Displace 5 bbls water  
3rd plug - 250' - pump 3 bbls water ghesk  
mix 50 SY, Displace 4 1/2 bbl water, 4th plug  
60' - mix 20 SY, Retract - mix 30 SY  
Mud hole - mix 20 SY

SERVICE

DEPTH OF JOB 1400'  
 PUMP TRUCK CHARGE \_\_\_\_\_ 1017.00  
 EXTRA FOOTAGE @ \_\_\_\_\_  
 MILEAGE 25 @ 7.00 175.00  
 MANIFOLD @ \_\_\_\_\_  
 @ \_\_\_\_\_  
 @ \_\_\_\_\_

CHARGE TO: Falcon Exploration  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

TOTAL 1,192.00

PLUG & FLOAT EQUIPMENT

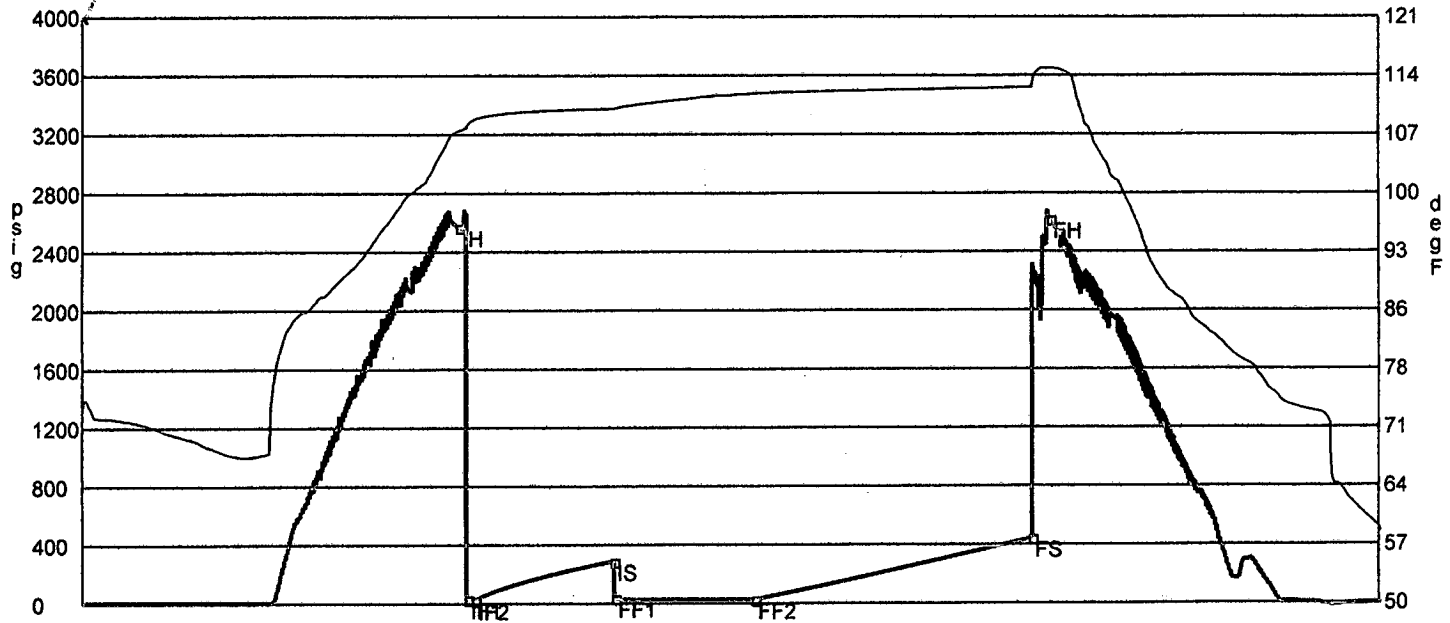
none @ \_\_\_\_\_  
 @ \_\_\_\_\_  
 @ \_\_\_\_\_  
 @ \_\_\_\_\_  
 @ \_\_\_\_\_  
 TOTAL \_\_\_\_\_

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.

SALES TAX (If Any) \_\_\_\_\_  
 TOTAL CHARGES 1,192.00  
 DISCOUNT 0.00 IF PAID IN 30 DAYS

PRINTED NAME X Scott Ross  
 SIGNATURE [Signature]

Thank You!!!



	Date	Time	Pressure	Temp	
IH	4/19/2010 8:28:10 PM	4.019444	2570.405	107.22	Initial Hydro-static
IF1	4/19/2010 8:33:30 PM	4.108333	31.952	107.8	Initial Flow (1)
IF2	4/19/2010 8:38:10 PM	4.186111	23.969	108.583	Initial Flow (2)
IS	4/19/2010 10:07:40 PM	5.677778	288.408	109.87	Initial Shut-In
FF1	4/19/2010 10:08:20 PM	5.688889	38.139	109.896	Final Flow (1)
FF2	4/19/2010 11:38:40 PM	7.194444	26.508	111.706	Final Flow (2)
FS	4/20/2010 2:37:10 AM	10.169444	442.161	112.466	Final Shut-In
FH	4/20/2010 2:49:00 AM	10.366667	2620.404	114.796	Final Hydro-static

**GAS FLOWS**

Min Into IFP   Min Into FFP   Gas Flows   Pressure   Choke

Company **Falcon Exploration, Inc.**  
 Address **125 N. Market, Ste. 1252**  
 CSZ **Wichita, KS 67202**  
 Attn. **Keith Reavis**

Lease Name **Swayze (NE)**  
 Lease # **1-30**  
 Legal Desc **NW-SE-SW-NE** Job Ticket **2102**  
 Section **30** Range **22W**  
 Township **30S**  
 County **Clark** State **KS**  
 Drilling Cont **Val Energy, Inc. Rig #2**

Comments **Legal Description: 2280' FNL & 1730' FEL**  
**Charged double milage on DST #2 to pick up tool on 4-22-10**

**GENERAL INFORMATION**

Test # **2** Test Date **4/20/2010**  
 Tester **Tim Venters**  
 Test Type **Conventional Bottom Hole**  
**Successful Test**  
 # of Packers **2.0** Packer Size **6 3/4**  
 Mud Type **Gel Chem**  
 Mud Weight **9.2** Viscosity **47.0**  
 Filtrate **12.4** Chlorides **10000**

Chokes **3/4** Hole Size **7 7/8**  
 Top Recorder # **W1119**  
 Mid Recorder # **W1022**  
 Bott Recorder # **13565**  
 Mileage **268** Approved By  
 Standby Time **0**  
 Extra Equipmnt **Jars & Safety joint**  
 Time on Site **3:00 PM**  
 Tool Picked Up **5:55 PM**  
 Tool Layed Dwn **6:15 AM**

Drill Collar Len **0**  
 Wght Pipe Len **0**

Elevation **2430.00** Kelley Bushings **2440.00**

Formation **Mississippian**  
 Interval Top **5318.0** Bottom **5419.0**  
 Anchor Len Below **101.0** Between **0**  
 Total Depth **5419.0**

Start Date/Time **4/19/2010 4:27 PM**  
 End Date/Time **4/20/2010 6:21 AM**

Blow Type **1 inch blow at the start of the initial flow period, building to 6 inches. Very strong blow at the start of the final flow period, hitting the bottom of the bucket instantaneously. We bled it off 50 minutes into period, where it took 27 minutes to reach the bottom of the bucket again. It never did blow water out of the bucket. Times: 5, 90, 90, 180.**

**RECOVERY**

Feet	Description	Gas	Oil	Water	Mud
540	Gas in Pipe	100% 540ft	0% 0ft	0% 0ft	0% 0ft
30	Mud	0% 0ft	0% 0ft	0% 0ft	100% 30ft

DST Fluids **0**



Company	Falcon Exploration, Inc.	Lease Name	Swayze (NE)
Address	125 N. Market, Ste. 1252	Lease #	1-30
CSZ	Wichita, KS 67202	Legal Desc	NW-SE-SW-NE
Attn.	Keith Reavis	Section	30
		Township	30S
		County	Clark
		Drilling Cont	Val Energy, Inc. Rig #2
Job Ticket		Range	2102
		State	22W
			KS

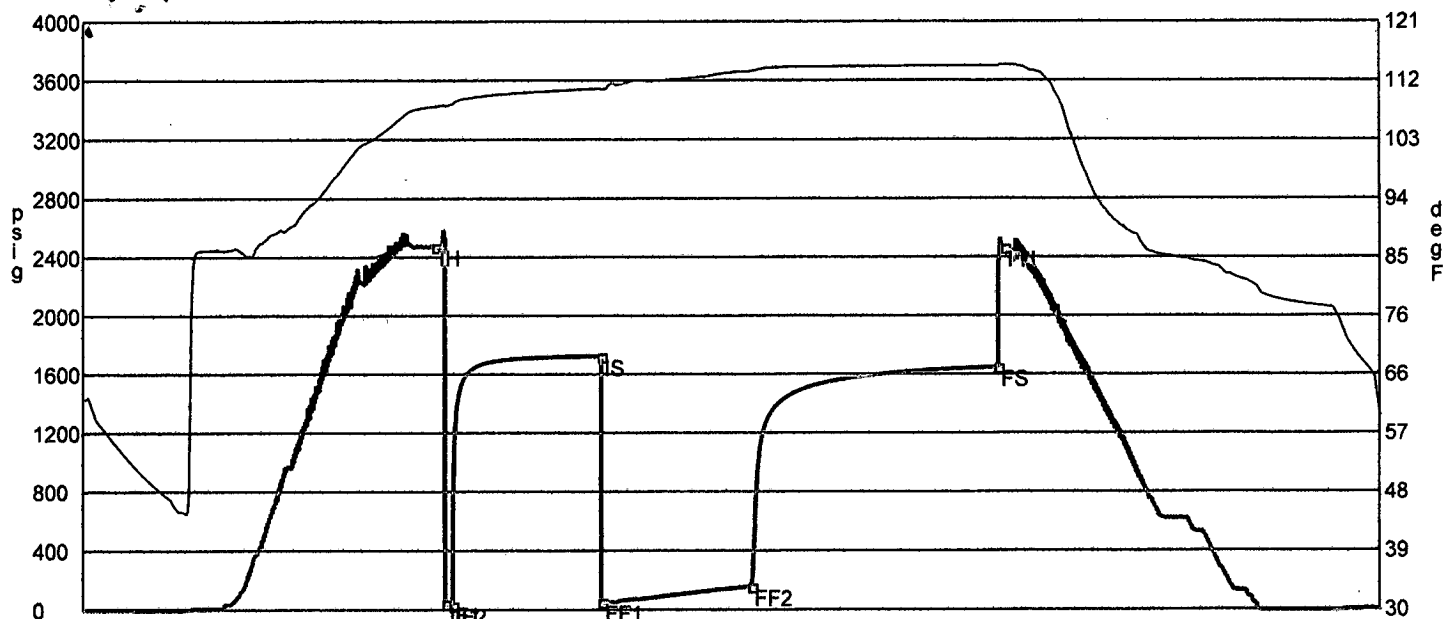
Comments    Legal Description: 2280' FNL & 1730' FEL  
 Charged double milage on DST #2 to pick up tool on 4-22-10

**GENERAL INFORMATION**

Test # 1	Test Date	4/17/2010	Chokes	3/4	Hole Size	7 7/8
Tester	Tim Venters		Top Recorder #	W1119		
Test Type	Conventional Bottom Hole		Mid Recorder #	W1022		
	Successful Test		Bott Recorder #	13565		
# of Packers	2.0	Packer Size	6 3/4	Mileage	134	Approved By
Mud Type	Gel Chem		Standby Time	0		
Mud Weight	9.3	Viscosity	47.0	Extra Equipmnt	Jars & Satety joint	
Filtrate	10.8	Chlorides	9900	Time on Site	4:00 AM	
				Tool Picked Up	7:50 AM	
				Tool Layed Dwn	7:40 PM	
Drill Collar Len	0			Elevation	2430.00	Kelley Bushings 2440.00
Wght Pipe Len	0					
Formation	Marmaton/Pawnee			Start Date/Time	4/17/2010 6:51 AM	
Interval Top	5100.0	Bottom	5180.0	End Date/Time	4/17/2010 7:53 PM	
Anchor Len Below	80.0	Between	0			
Total Depth	5180.0					
Blow Type	Weak surface blow at the start of the initial flow period, building to 1 inch. Very weak surface blow at the start of the final flow period, building, reaching the bottom of the bucket in 35 1/2 minutes. It never did blow water out of the bucket. We bled it off 60 minutes into period, and it took about 23 minutes to reach bottom of bucket again. Weak 1/4 inch blow back that lasted throughout the final shut-in period. Times: 5, 90, 90, 150.					

**RECOVERY**

Feet	Description	Gas	Oil	Water	Mud
160	Gas in Pipe	100% 160ft	0% 0ft	0% 0ft	0% 0ft
110	Very slight oil cut mud	0% 0ft	3% 3.3ft	0% 0ft	97% 106.7ft
65	Very slight oil, very heavy water cut mud	0% 0ft	2% 1.3ft	47% 30.6ft	51% 33.2ft
125	Mud cut water	0% 0ft	0% 0ft	82% 102.5ft	18% 22.5ft
DST Fluids	96000				



	Date	Time	Pressure	Temp	
IH	4/17/2010 10:22:40 AM	3.527778	2473.22	107.922	Initial Hydro-static
IF1	4/17/2010 10:28:40 AM	3.627778	42.702	107.967	Initial Flow (1)
IF2	4/17/2010 10:32:40 AM	3.694444	32.75	108.255	Initial Flow (2)
IS	4/17/2010 12:02:30 PM	5.191667	1722.115	110.625	Initial Shut-In
FF1	4/17/2010 12:03:00 PM	5.2	53.301	110.488	Final Flow (1)
FF2	4/17/2010 1:33:20 PM	6.705556	156.786	113.295	Final Flow (2)
FS	4/17/2010 4:02:30 PM	9.191667	1647.743	114.164	Final Shut-In
FH	4/17/2010 4:06:20 PM	9.255556	2462.352	114.32	Final Hydro-static

**GAS FLOWS**

Min Into IFP   Min Into FFP   Gas Flows   Pressure   Choke