

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION 1051234

Form ACO-1 June 2009 Form Must Be Typed Form must be Signed All blanks must be Filled

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License #	API No. 15
Name:	Spot Description:
Address 1:	S. R East West
Address 2:	Feet from North / South Line of Section
City: State: Zip:	+ Feet from East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	
CONTRACTOR: License #	County:
Name:	Lease Name: Well #
Walleita Goologiet:	Vieli #
	Preducing Formation:
Purchaser:	Producing Formation
	Elevation: Ground: Kelly Busning:
New Well Re-Entry Work	cover Iotal Depth: Plug Back Iotal Depth:
Oil WSW SWD	SIOW Amount of Surface Pipe Set and Cemented at: Feet
Gas D&A ENHR	SIGW Multiple Stage Cementing Collar Used? Yes No
□ OG □ GSW	Temp. Abd. If yes, show depth set: Feet
CM (Coal Bed Methane)	If Alternate II completion, cement circulated from:
Cathodic Other (Core, Expl., etc.):	feet depth to:w/sx cmt.
If Workover/Re-entry: Old Well Info as follows:	
Operator:	Drilling Fluid Monogement Dien
Well Name:	(Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth	i: Chlarida content
Deepening Re-perf. Conv. to ENHR	Chloride content:ppm Fluid volume:bbis
Conv. to GSW	Dewatering method used:
Plug Back: Plug Back To	tal Depth Location of fluid disposal if hauled offsite:
Commingled Permit #:	Operator Name:
Dual Completion Permit #:	
SWD Permit #:	
ENHR Permit #:	Quarter Sec TwpS. R East West
GSW Permit #:	County: Permit #:
Spud Date or Date Reached TD Comple Recompletion Date Recomp	tion Date or Date

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.

Submitted Electronically

KCC Office Use ONLY
Letter of Confidentiality Received
Date:
Confidential Release Date:
Wireline Log Received
Geologist Report Received
UIC Distribution
ALT I II III Approved by: Date:

	Side Two	1051234
Operator Name:	Lease Name:	Well #:
Sec TwpS. R East _ West	County:	

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 (Attach Additional Sheets)		Yes No	L	og Formatio	n (Top), Depth an	d Datum	Sample
Samples Sent to Geolog	gical Survey	Yes No	Nam	C		юр	Datum
Cores Taken Electric Log Run Electric Log Submitted E (If no, Submit Copy)	Electronically	<pre> Yes □ No Yes □ No Yes □ No</pre>					
List All E. Logs Run:							
		CASING		ew Used			
		Report all strings set-	conductor, surface, inte	ermediate, producti	on, 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

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives

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:	Siz	:e:	Set At:		Packer	r At:	Liner R	un:	No	
Date of First, Resumed P	Producti	on, SWD or ENHF	₹.	Producing N	1ethod:	ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wate	ər	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITIO	N OF G	BAS:			METHOD	OF COMPLE	TION:		PRODUCTION INT	ERVAL:
Vented Sold	<u> </u>	Jsed on Lease		Open Hole	Perf.	Dually (Submit A	Comp. AC <i>O-5)</i>	Commingled (Submit ACO-4)		
(If vented, Subr	nit ACO	-18.)		Other (Specify)						

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	Falcon Exploration, Inc.
Well Name	NUSS 1-4
Doc ID	1051234

All Electric Logs Run

MEL	
DIL	
CNL/CDL	
BHCS	

Form	ACO1 - Well Completion
Operator	Falcon Exploration, Inc.
Well Name	NUSS 1-4
Doc ID	1051234

Tops

Name	Тор	Datum
STOTLER	3530	-711
TARKIO	3590	-771
HEEBNER	4134	-1315
LANSING	4240	-1421
STARK	4581	-1762
MARMATON	4720	-1901
PAWNEE	4814	-1995
CHEROKEE	4859	-2040
MORROW SH	5039	-2220
MISS	5129	-2310
MISS-ST LOUIS	5261	-2442

Conservation Division Finney State Office Building 130 S. Market, Rm. 2078 Wichita, KS 67202-3802

Thomas E. Wright, Chairman Ward Loyd, Commissioner



phone: 316-337-6200 fax: 316-337-6211 http://kcc.ks.gov/

Corporation Commission

Sam Brownback, Governor

February 24, 2011

MICHEAL MITCHELL Falcon Exploration, Inc. 125 N MARKET STE 1252 WICHITA, KS 67202-1719

Re: ACO1 API 15-069-20330-00-00 NUSS 1-4 NW/4 Sec.04-28S-30W Gray County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully, MICHEAL MITCHELL

RICKETTS TESTING				(620) 326-5830	Pa	Page 1	
Company Address CSZ Attn.	Falcon Explor 125 N. Market, Wichita, KS 67 Keith Reavis	ation, Inc. Ste. 1252 ′202		Lease Name Lease # Legal Desc Section Township County	Nuss 1-4 See Comments 4 28S Gray	Job Ticket Range State	2129 30W KS
Comments Legal Description: 330' FNL & 2070' FWL Diamond did DST #1			NL & 2070' FWL	Drilling Cont Val Energy, Inc. Rig #1			
GENERAL II	NFORMATIO	V		Chokoo	2/4		
Test # 2 Tester Test Type	Tim Venters Conventional	Test Date Bottom Hol	11/25/2010 e	Top Recorder # Mid Recorder # Bott Recorder #		Size 7 770	
# of Packers Mud Type Mud Weight Filtrate	Gel Chem 9.2 7.2	Packer Siz Viscosity Chlorides	e6 3/4 44.0 1200	Mileage Standby Time Extra Equipmnt Time on Site Tool Picked Up Tool Laved Dwr	76 A 0 Jars & Safety joi 7:10 PM 10:20 PM	pproved By nt	
Drill Collar Len Wght Pipe Len	0 0			Elevation	2809.00 K	Celley Bushings28	19.00
Formation Interval Top Anchor Len Bel Total Depth Blow Type	Mississippian 5166.0 low 109.0 5275.0 Weak 1/4 inch . Weak 1/4 inch the bottom of et. Times: 5 9	Bottom Between blow at the h blow at the the bucket	5275.0 0 e start of the initial he start of the final in 95 minutes. It n	Start Date/Time End Date/Time flow period, bui flow period, bu ever did blow w	e11/24/2010 9:12 11/25/2010 10:03 Iding to 1/2 inch ilding, reaching ater out of the bu	PM 3 AM uck	

RECOVERY

Feet	Description	Gas	Oil	Water	Mud
395	Gas in Pipe	100%395ft	0% Oft	0% Oft	0% Oft
45	Slight oil cut mud	0% 0ft	10% 4.5ft	0% Oft	90% 40.5ft

DST Fluids 0



GAS FLOWS

Min Into IFP Min Into FFP Ga	<u>IS Flows</u> Pre	<u>ssure</u> Ch	ioke
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RICKETTS	TESTING			(620) 326-5830	Pa	ige 1	
Company Address CSZ Attn.	Falcon Explora 125 N. Market, Wichita, KS 67 Keith Reavis	ation, Inc. Ste. 1252 202		Lease Name Lease # Legal Desc Section Township County	Nuss 1-4 See Comments 4 28S Grav	Job Ticket Range	2129 30W
Comments	Legal Descript Diamond did D	ion: 330' Fl)ST #1	NL & 2070' FWL	Drilling Cont	Val Energy, Inc	c. Rig #1	NO
GENERAL II	NFORMATIOI	V					
Test # 3 Tester Test Type	Tim Venters Conventional	Test Date Bottom Hol	11/26/2010 e	Chokes Top Recorder # Mid Recorder # Bott Recorder #	3/4 W1119 W1022 13310	Hole Size 77/8	
# of Packers	2.0	St Packer Siz	e 6 3/4	Mileage Standby Time	76 0	Approved By	
Mud Type Mud Weight Filtrate	Gel Chem 9.2 7.2	Viscosity Chlorides	44.0 1200	Extra Equipmnt Time on Site Tool Picked Up Tool Layed Dwr	Jars & Safety j 6:55 PM 10:05 PM n9:40 AM	oint	
Drill Collar Len Wght Pipe Len	0 0			Elevation	2809.00	Kelley Bushings28	19.00
Formation Interval Top Anchor Len Bel Total Depth	Mississippian 5278.0 low 27.0 5305.0	Bottom Between	5305.0 0	Start Date/Time End Date/Time	211/25/2010 8:48 11/26/2010 9:43	3 PM 3 AM	
Blow Type	Strong blow th t in 1 minute. ery strong blo et instantaneo min.) that buil 0, 75, 150. Oil	roughout Weak surfa w througho usly. Weak t, reaching Gravity: 26	the inital flow period ce blow back throu out the final flow per surface blow back the bottom of the	od, reaching the ughout the initia eriod, hitting the < 4 minutes afte bucket in 37 mir	bottom of the I shut-in period bottom of the we bled line o nutes. Times: 5	bucke I. V buck ff (20 , 9	

RECOVERY

Feet	Description	Gas	Oil	Water	Mud
3670	Gas in Pipe	100%3670ft	0% Oft	0% Oft	0% Oft
865	Gassy clean oil	0% 0ft	100%865ft	0% Oft	0% Oft
125	Gassy, very slight mud cut oil	0% 0ft	97% 121.2ft	0% Oft	3% 3.8ft
65	Gassy, slight oil cut mud	3% 2ft	84% 54.6ft	0% Oft	13% 8.4ft

DST Fluids 0



GAS FLOWS

	Min Into IFP	Min Into FFP	Gas Flows	Pressure	Choke
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TING CO., LLC. 30850 3#20-5975804	SERVICE POINT: Liberal KS	ALLED OUT ON LOCATION JOB START JOB FINISH 3:30 AM 41:45 AM COUNTY STATE COLOPE LOWER STATE	OWNER CEMENT CEMENT CEMENT AMOUNT ORDERED Lead 675 51/6 AMOUNT ORDERED Lead 675 51/6 3% CC Current 1011 1505 Current COMMON 150 POZMIX 0 Current 3 Common 150 Common 150	ASC Liteweight 675 0 14 80 4490 00 Liteweight 08 0 2.58 420.00 0 0 00 00	HANDLING <u>897 @ 2 40 2152 80</u> MILEAGE <u>19455 00</u> TOTAL <u>20999, 16</u> SERVICE	DEPTH OF JOB 1852.64 PUMP TRUCK CHARGE 2.011.00 EXTRA FOOTAGE @ MILEAGE @ MANIFOLD @ @ 113.00	TOTAL <u>2 ビフリ</u> め	Gui de Shere I I I I I I Fasert / Floort I I I I I I I Fasert / Floort I I I I I I I Fasert / Floort I I I I I I I Fasert / Floort I I I I I I Fasert / I I I I I I I Fasert / I I I I I I I Fasert / I I I I I I I Fasert / I I I I I I I Fasert / I I I I I I I Toral CHARGES I I I I I I Toral CHARGES I I I I I I I I I I I I I I I I I I I I I I I I I I
ALLED CEMEN	REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665	DATE II · 15 · 10 SEC. I TWP. RANGE C LEASE NUCC WELL # 1 - 4 LOCATION VEC (CONTRACTOR Val Lie # TYPE OF JOB Surfeed HOLE SIZE 12 VG T.D. 1852 CASING SIZE 85/3 DEPTH 1844 CASING SIZE 85/3 DEPTH 1844 CASING SIZE BEPTH 1844 DEPTH 200L DEPTH 200L DEPTH TOOL DEPTH 700L DEPTH PRES. MAX MINIMUM	DISPLACEMENT 114-74 EQUIPMENT PUMPTRUCK CEMENTER KEINUN #470-457HELPER KEINUN BULKTRUCK #457-251DRIVER JOSE BULKTRUCK	#472-465DRIVER Daw d. THANK YOU!!!		CHARGE TO: Falcon STREET Box 551 CITY Passel STATE 2 ZP & 766	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 Land Mark SIGNATURE Land Land Mark



energy services, L.P.

TREATMENT REPORT

Customer	alco,	1	t-v/) nor	Lease	No.		·····		Date				
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1700 S. Country Estates • P.O. Box 129 • Liberal, KS 67905 • (620) 624-2277 • Fax (620) 624-2280

BASIC energy services, L.P.

TREATMENT REPORT

1

Customer	10001	Fild	eratio 1	ease No.					Date	$1 \rightarrow 1$	$1\pi^{2}$	
Lease	<u>uss</u>			Vell #					Z	10/	10	
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Taylor Printing, Inc. 620-672-3656

n a standard a standard



Keith Reavis

Ground Elevation (ft):	2809'		K.B. Elevation (ft):	2819'
Logged Interval (ft):	2600' To:	5405'	Total Depth (ft):	5406' LTD
Formation:	Mississippian			
Type of Drilling Fluid:	Chemical/Polym	er/Gel		
		Printed	by MUD.LOG from Wells	Sight Systems

nted by MUD.LOG from WellSight Systems 1-800-447-1534 www.WellSight.con

OPERATOR

Company: Falcon Exploration, Inc. Address: 125 N. Market Suite 1252 Wichita, KS 67202

GEOLOGIST

Name: Keith Reavis, KLG #136 Company: Consulting Geologist Address: 3420 22nd Street Great Bend, KS 67530

REMARKS

After review of results of DST #3 and favorable electrical log evaluation, it was recommended and agreeable by all involved parties that 5 1/2" production casing be set and the Mississippian be tested thru perforations.

The well samples were collected and will be available for review at the Kansas Geological Survey Well Sample Library located in Wichita, KS.

Respectfully submitted Keith Reavis

Falcon Exploration, Inc.

Drilling Contractor: Val Energy, Inc. Rig #1 ph. 316-772-0848 Walt Purcell, Toolpusher

DATE	7:00 AM DEPTH	REMARKS
11/16/2010		Geologist Keith Reavis on location @ 1330 hrs, 2365 ft., drilling salt section set up and check Bloodhound and communications
11/17/2010	2768	drilling ahead, salt and anhydrite, Chase Group, Winfield, gas kicks warrant DST, TOH for DST #1, conduct DST #1, mis-run, TOH tools back in w/bit resume drilling, Towanda, Ft. Riley
11/18/2010	3020	drilling ahead, Ft. Riley, Cottonwood, Neva, Cottonwood, Red Eagle
11/19/2010	3521	drilling ahead, Foraker, Wabaunsee, Stotler, Tarkio, Bern
11/20/2010	3917	drilling ahead, Topeka, Lecompton, Heebner, Toronto, Lansing
11/21/2010	4341	drilling ahead, Lansing. Charlie Sturdavant on location to relieve Keith Reavis. Currently drilling in Lansing G zone.
11/22/2010	4636	Circulated for samples at 4635'. 79 unit gas kick was from a black shale. 1624 hrs: drilling at 4764, in the Marmaton.
11/23/2010	4938	Drilling ahead in the Atoka. Atoka top @ 4938' (-2119), 9' high to Nichols#1 Drilling at 5068. Drilling in mixed limestones and shales.
11/24/2010	5218	Drilling ahead in the Miss. Had weak oil show at 5174', geologist Keith Reavis relieve Charlie Sturdavant @ 1200 hrs, show and small kick in St. Louis warrants DST, short trip, ctch, TOH for DST #2
11/25/2010	5275	conduct and complete DST #2, successful test, TIH w/bit, resume drilling drill to 5305, show warrants test, dress up mud, TOH and strap for DST #3
11/26/2010	5305	conduct and complete DST #3, successful test, TIH w/bit, resume drilling rathole ahead and TD @ 5405 ft, TD @ 2200 hrs, cfs, ctch, begin TOH
11/27/2010	5405	tripping out, conduct and complete logging operations, geologist off location @ 1100 hrs

Falcon Exploration, Inc.

WELL COMPARISON SHEET

		DRILLING W	/ELL			COMPARI	SON WELL			COMPARI	SON WELL	
		Nuss #1-4				Lantermar	n #1-8			Falcon - #	1 Nichols	
		330' FNL & 2	2070' FWL			2030' FNL	& 370' FEL	.		C SE SW		
		Sec. 4 T28S	R30W			Sec. 8 T28	S R30W			Sec. 3 T28	S R30W	
							Struc	tural			Struc	tural
	2819	KB			2821	KB	Relatio	nship	2812	KB	Relatio	onship
Formation	Sample	Sub-Sea	Log	Sub-Sea	Log	Sub-Sea	Sample	Log	Log	Sub-Sea	Sample	Log
Chase	2672	147	2673	146	2684	137	10	9	2667	145	2	1
Winfield	2745	74	2746	73	2755	66	8	7	2737	75	-1	-2
Towanda	2794	25	2794	25	2798	23	2	2	2784	28	ŝ	φ
Ft. Riley	2847	-28	2846	-27	2853	-32	4	5	2833	-21	-7	-6
Neva	3172	-353	3173	-354	3176	-355	2	1	3160	-348	¢	ę
Foraker	3285	-466	3283	-464	3286	-465	-1	1	3270	-458	ę	-6
Stotler	3530	-711	3530	-711	3532	-711	0	0	3513	-701	-10	-10
Topeka	3802	-983	3801	-982	3804	-983	0	1	3784	-972	-11	-10
Lecompton	3964	-1145	3963	-1144	3967	-1146	1	2	3942	-1130	-15	-14
Heebner	4134	-1315	4133	-1314	4146	-1325	10	11	4128	-1316	1	2
Lansing	4235	-1416	4240	-1421	4249	-1428	12	7	4226	-1414	-2	-7
Stark	4581	-1762	4581	-1762	4606	-1785	23	23	4572	-1760	-2	-2
Marmaton	4714	-1895	4720	-1901	4743	-1922	27	21	4724	-1912	17	11
Pawnee	4814	-1995	4814	-1995	4837	-2016	21	21	4807	-1995	0	0
Cherokee	4859	-2040	4859	-2040	4881	-2060	20	20	4855	-2043	3	3
Morrow	5039	-2220	5039	-2220	5089	-2268	48	48	5053	-2241	21	21
Miss St. Gen.	5122	-2303	5155	-2336	5244	-2423	120	87	5141	-2329	26	-7
St. Louis A por	5261	-2442	5262	-2443	not r	eached			5242	-2430	-12	-13
Total Depth	5405	-2586	5406	-2587	5399	-2578	-8	-9	5418	-2606	20	19

RICKETTS	6 TESTING			(620) 326-5830	D	Pa	ige 1
Company Address CSZ Attn.	Falcon Explor 125 N. Market, Wichita, KS 67 Keith Reavis	ation, Inc. Ste. 1252 202		Lease Name Lease # Legal Desc Section Township County Drilling Cort	Nuss 1-4 See Comment 4 285 Gray Val Energy. In	s Job Ticket Range State c. Rig #1	2129 30W KS
Comments	Legal Descript Diamond did D	tion: 330' F DST #1	NL & 2070' FWL	J.			
GENERAL II	VFORMATIO	v		Choleon	24	Holo Cizo 770	
Test # 2 Tester Test Type	Tim Venters Conventional Successful Te	Test Date Bottom Ho	11/25/2010 le	Top Recorder # Mid Recorder # Bott Recorder #	# W1119 # W1022 # 13310	Hole Size 7 /18	
# of Packers	2.0	Packer Siz	e6 3/4	Mileage Standby Time	76 0	Approved By	
Mud Type Mud Weight Filtrate	Gel Chem 9.2 7.2	Viscosity Chlorides	44.0 1200	Extra Equipment Time on Site Tool Picked Up Tool Laved Da	I Jars & Safety j 7:10 PM p 10:20 PM r9:55 AM	joint	
Drill Collar Len Wght Pipe Len	0			Elevation	2809.00	Kelley Bushings28	19.00
Formation Interval Top Anchor Len Bel Total Depth	Mississippian 5166.0 Iow 109.0 5275.0	Bottom Between	5275.0 0	Start Date/Time End Date/Time	ne11/24/2010 9:1 e 11/25/2010 10:	2 PM 03 AM	
Blow Type	Weak 1/4 inch . Weak 1/4 inc the bottom of et. Times: 5.9	blow at the h blow at t the bucket 0, 120, 180	e start of the initial he start of the final in 95 minutes. It n	flow period, bu flow period, bu ever did blow v	ilding to 1/2 inc uilding, reaching water out of the	h 9 buck	

DE		-1	6
	1.01		 r

1120	OVEN				
Feet	Description	Gas	Oil	Water	Mud
395 45	Gas in Pipe Slight oil cut mud	100%395ft 0% Oft	0% Oft 10% 4.5ft	0% Oft 0% Oft	0% Oft 90% 40.5ft



RICKETT	STESTING	(620) 326-5830	Pa	Page 1		
Company Address CSZ Attn.	Falcon Exploration, Inc. 125 N. Market, Ste. 1252 Wichita, KS 67202 Keith Reavis	Lease Name Lease # Legal Desc Section Township	Nuss 1-4 See Comments 4 28S	Job Ticket Range	2129 30W	
Comments	Legal Description: 330' FNL & 2070' FWL Diamond did DST #1	County Drilling Cont	Gray Val Energy, Inc. Rig	State #1	KS	
GENERAL Test # 3	INFORMATION Test Date 11/26/2010	Chokas Top Recorder #	3/4 Hole ≆W1119	Size 77/8		

Tester Test Type	Tim Venters Conventional I Successful Te	Bottom Hol	e	Mid Recorder # Bott Recorder #	W1022 13310	
# of Packers	2.0	Packer Siz	e6 3/4	Mileage Standby Time	76 0	Approved By
Mud Type	Gel Chem			Extra Equipmni	Jars & Safety	joint
Mud Weight	9.2	Viscosity	44.0	Time on Site	6:55 PM	,
Filtrate	7.2	Chlorides	1200	Tool Picked Up	10:05 PM	
				Tool Layed Dw	n9:40 AM	
Drill Collar Len Wght Pipe Len	0			Elevation	2809.00	Kelley Bushings2819.00
Formation	Mississinnian			Start Date/Time	e11/25/2010 8:4	8 PM
Interval Top	5278.0	Bottom	5305.0	End Date/Time	11/26/2010 9:4	3 AM
Anchor Len Bel	ow 27.0	Between	0			
Total Depth	5305.0					
Blow Type	Strong blow th	hroughout	the inital flow period	od, reaching the	bottom of the	bucke
	t in 1 minute.	Weak surfa	ce blow back throu	ighout the initia	al shut-in perio	d. V
	ery strong blo	w througho	out the final flow pe	riod, hitting the	e bottom of the	buck
	et instantaneo	usly. Weak	surface blow back	4 minutes after	r we bled line o	off (20
	min.) that bui	lt, reaching	the bottom of the l	bucket in 37 mi	nutes. Times: 6	5.9

^{0, 75, 150.} Oil Gravity: 26.

RECOVERY

120	012111									
Feet	Description		Gas		Oil		Water		Mud	
3670 865 125 65	Gas in Pipe Gassy clean oil Gassy, very slight mud cut oil Gassy, slight oil cut mud	100% 0% 0% 3%	63670ft Oft Oft 2ft	0% 1009 97% 84%	0ft 6865ft 121.2ft 54.6ft	D% D% D% 0%	Oft Oft Oft Oft	0% 0% 3% 13%	Oft Oft 3.8ft 8.4ft	



			ROCK TYPES						
LITHOLOGY Anhy Bent Brec FO AAAA Cht 6 Clyst Cal Coal Coal Coal Congl Coal Congl	ZZZZU R SSIL O F A A B B B C C C C C C C F F G O O P P S NERAL S	Anknown lith Red shale Add shal	Sand Dol Chlorite Anhy Arggrn Arg Bent Bit Brecfrag Calc Carb Chtdk Chtlt Dol Feldspar Ferrpel Ferr Glau Gyp Hvymin Kaol Marl Minxl Nodule Phos Pyr Salt Sandy Silt Sil	S STRINGER ST	Sulphur Tuff Red shale Sh Sandylms Lms Gryslt Grysh Dol Clystn Carbsh Anhy Arg Bent Coal Dol Gyp Ls Mrst Sltstrg Ssstrg Boundst Chalky Cryxln Earthy Finexln	SHO ERVA	Gra Lith Mic Pac Wa Goo Fain Poc Dea L Dst Cor Dst Stra Rft Sid Dst Ope	inst ogr roxIn dst kst ckest s shov or ad re addle ewall en ho forati	w test ta le ons
		· ,	-	_		_			
Curve Track 1 ROP (Min/Ft) Gamma (API) Caliper (inches)	Lithology		Geological Des	criptions		En 16 (Uni 11 (unit 22 (unit 23 (unit 24 (unit 25 (unit	ginee ts) s) s) s) s) s)	ering C	Data
Curve Track 1 ROP (Min/Ft) Gamma (API) Caliper (inches)	Lithology		Geological Dese Falcon Exploratio Nuss #1-4 330' FNL & 2070 Sec. 4-28S-30V Gray County, I	criptions on, Inc. Y FWL W KS		En TG (Unit C1 (unit C2 (unit C3 (unit C5 (unit C5 (unit 8 5/8 set @	ginee ts) s) s) s) s) TG, 1852	¢1-C5 cce casi	pata
Curve Track 1 ROP (Min/Ft) Gamma (API) Caliper (inches) Caliper (inches) Calipe	Lithology	Dri	Geological Dese Falcon Exploratio Nuss #1-4 330' FNL & 2070 Sec. 4-28S-30V Gray County, I lling Contractor - Val Ener Cell #316-772-0840 Toolpusher: Walt Pur	criptions on, Inc.)' FWL W KS rgy Rig #1 8 rcell		En G (Unit C1 (unit C2 (unit C3 (unit C4 (unit C5 (unit 8 5/8 set (0	ginee ts) s) s) s) s) TG, 21852	¢1-C5 cce casi	pata
Curve Track 1 ROP (Min/Ft) Gamma (API) Caliper (inches) Gamma (API) Gamma (API) Caliper (inches) Gamma (API) Gamma (API) Caliper (inches) Gamma (API) Caliper (inches) Gamma (API) Gamma (API) <	Lithology	Dri Bluestem Gas De The ROP, TG, C1 C5 Iso Butane) D	Geological Desc Falcon Exploratio Nuss #1-4 330' FNL & 2070 Sec. 4-28S-30V Gray County, I lling Contractor - Val Ener Cell #316-772-0844 Toolpusher: Walt Put Geologist: Keith R	criptions on, Inc. 'FWL W KS rgy Rig #1 8 rcell eavis eavis ational at 1852 ft. ipane) & C4 (N-Butan fooke Dag system. S	re = C4 Butane + iaid DATA was	En G (Unit C1 (unit C2 (unit C3 (unit C4 (unit C5 (unit 8 5/8 set @	ginee ts) s) s) s) s) TG, 201852	¢1-C5 cce casi 'KB	pata





