Confidentiality Requested: Yes No

#### KANSAS CORPORATION COMMISSION **OIL & GAS CONSERVATION DIVISION**

1114699

Form ACO-1 August 2013 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:				
Address 2:	Feet from Dorth / 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 #	GPS Location: Lat:, Long:			
Name:	(e.g. xx.xxxxx) (e.gxxx.xxxxx)			
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84			
Purchaser:	County:			
Designate Type of Completion:	Lease Name: Well #:			
New Well Re-Entry Workover	Field Name:			
	Producing Formation:			
Gas D&A ENHR SIGW	Elevation: Ground: Kelly Bushing:			
OG   GSW   Temp. Abd.	Total Vertical Depth: Plug Back Total Depth:			
CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet			
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used?			
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet			
Operator:	If Alternate II completion, cement circulated from:			
Well Name:	feet depth to:w/sx cmt.			
Original Comp. Date: Original Total Depth:				
Deepening Re-perf. Conv. to ENHR Conv. to SWD	Drilling Fluid Management Plan			
Plug Back Conv. to GSW Conv. to Producer	(Data must be collected from the Reserve Pit)			
	Chloride content: ppm Fluid volume: bbls			
Commingled         Permit #:           Dual Completion         Permit #:	Dewatering method used:			
SWD         Permit #:	Location of fluid disposal if hauled offsite:			
ENHR         Permit #:				
GSW Permit #:	Operator Name:			
	Lease Name: License #:			
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R East West			
Recompletion Date Recompletion Date	County: Permit #:			

#### 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					
Confidentiality Requested					
Date:					
Confidential Release Date:					
Wireline Log Received					
Geologist Report Received					
UIC Distribution					
ALT I II Approved by: Date:					

	Page Iwo	1114699
Operator Name:	Lease Name:	Well #:
Sec TwpS. R East _ West	County:	

**INSTRUCTIONS:** Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken Yes No (Attach Additional Sheets)				.og Formatio	n (Top), Depth and	d Datum	Sample
Samples Sent to Geolog	,	Yes No	Nam	е		Тор	Datum
Cores Taken Electric Log Run		Yes No					
List All E. Logs Run:							
	CASING RECORD New 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
		ADDITIONAL	CEMENTING / SQU	JEEZE RECORD			
Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used		Type and Pe	ercent Additives	
Protect Casing Plug Back TD							
Plug Off Zone							
Did you perform a hydraulic	fracturing treatment of	on this well?		Yes	No (If No. skip	o questions 2 an	d 3)
Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No (If No, skip question 3)						/	

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated					e			ement Squeeze Record d of Material Used)	Depth
TUBING RECORD:	Size: Set At: Packer At:			Liner F		No				
Date of First, Resumed Production, SWD or ENHR.       Producing Method:         □ Flowing       Pumping			Gas Lift	Other (Explain)						
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITI	TION OF GAS: METHOD OF COMPLE		TION:		PRODUCTION IN	TERVAL:				
Vented Solo		Used on Lease		Open Hole	Perf.	Dually (Submit /	Comp. A <i>CO-5)</i>	Commingled (Submit ACO-4)		
(If vented, Su	(If vented, Submit ACO-18.)									

Yes

No (If No, fill out Page Three of the ACO-1)

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

Form	ACO1 - Well Completion		
Operator	Falcon Exploration, Inc.		
Well Name	JOAN WARD 1-32(SW)		
Doc ID	1114699		

All Electric Logs Run

DIL
MEL
BHCS
CNL/CDL

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



Phone: 316-337-6200 Fax: 316-337-6211 http://kcc.ks.gov/

Mark Sievers, Chairman Thomas E. Wright, Commissioner Shari Feist Albrecht, Commissioner Sam Brownback, Governor

February 11, 2013

CYNDE WOLF Falcon Exploration, Inc. 125 N MARKET STE 1252 WICHITA, KS 67202-1719

Re: ACO1 API 15-069-20409-00-00 JOAN WARD 1-32(SW) SW/4 Sec.32-28S-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, CYNDE WOLF

# ALLIED OIL & GAS SERVICES, LLC 053306 Federal Tax 1.D.# 20-5975804

DATE $(D^2 \mathcal{B}^2, L)$ SEC.       TWP       PANGE       CALLED OUT       ON LOCATION       IOB START       ISTART       ISTART       IOB START       ISTART       IDB ID       IDD START       IDD START <th></th> <th></th> <th></th> <th>65</th> <th></th> <th>SEK</th> <th>VICE POINT:</th> <th></th>				65		SEK	VICE POINT:	
LEASE-MURA       CONTRACTOR       LOCATION       LAC Cope land       KS       COUNTY       TAKE         OLD ORGEW Clincle one)       Int       Int <td>DATE /11-29-12</td> <td>SEC.</td> <td>TWP.</td> <td>RANGE</td> <td>CALLED OUT</td> <td>ON LOCATION</td> <td>JOB START</td> <td>JOB FINISH</td>	DATE /11-29-12	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
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CONTRACTOR Site in a first fi				LOCATION THE	Copeland R.S.			IKC
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CEMENT LEFT IN CSG.       SIDE FOINT 47.77       POZMIX       @         CERRS.       CHLORIDE _ 19sk       @       Gel       @         DISPLACEMENT       I/9 Seeal       9sk       @ 32.60       338.40         CHUORIDE _ 19sk       @       GZL       @       GZL       @         DISPLACEMENT       I       Solute of the seeal       IISD Seeal       18.40       GZL       338.40         CHUORIDE _ 19sk       @       GZL       @       GZL       @       20.47       335.61         PUMP TRUCK       CEMENTER Leany Carea - Stephen Nuce Fassed       ISD Seeal       ISD Seeal       ISD Seeal       18.40       GZL       338.40         SGLA - 554       DRIVER KIKG       Total       Seeal       ISD Seeal       18.50       GZL       338.40       GZL					_ COMMON_	150sk Closeft	@ 17.90	8055.00
PERFS.       ORL       ORL $G400$ $1216$ DISPLACEMENT       EQUIPMENT $G420$ $1216$ EQUIPMENT       Solar Methodshow $G420$ $338.40$ PUMP TRUCK       CEMENTER Leany Equations $G420$ $326.20$ $338.40$ SULK TRUCK       CEMENTER Leany Equations $G457.40$ $Betwinkingthe equations       326.20 326.20 326.20         SULK TRUCK       CEMENTER Leany Equations       G457.40 Betwinkingthe equations       326.20 325.20 325.20 325.20 325.20 325.20 325.20 $		50	500	EJUIN1 94.11	_ POZMIX _			
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PUMP TRUCK       CEMENTER       Leasy Gazza       Sign for Seal       If Sile $@$ <		EQU	IPMENT		(Typ seal	954	@ 37.60	330110
PUMP TRUCK       CEMENTER Leany Derech - Stephen Hunce Hassel ///S/6 $2.977$ $335.61$ 1457-141       HELPER (1/cal+ TOURE 2) $3660.20$ SULK TRUCK       9 $3660.20$ 1472-467       DRIVER Angel Garia *       9         HANDLING       60.90 $2.448$ $1632.79$ HANDLING       60.90 $2.448$ $1632.79$ WHEARES:       7 $71040$ $900^{2}$ $2.000^{1}$ PUMP TRUCK CHARGE $2.213.75^{2}$ $75700$ $900^{2}$ $2.202.300^{1}$ HARGE TO: $falcen Exploredion$ $62.90^{2}$ $75700^{2}$ $75700^{2}$ HARGE TO: $falcen Exploredion$ $62.920.275^{2}$ $306.00^{2}$ $2720.300.00^{2}$ HARGE TO: $falcen Exploredion$ $62.920.275^{2}$ $75700^{2}$ $75700^{2}$ Marger To: $5060.290.20^{2}$ $75700.20^{2}$ $75700.20^{2}$ <td></td> <td></td> <td></td> <td>1</td> <td>1 Sodium Me</td> <td>tasilirate 846</td> <td>10 7 20</td> <td></td>				1	1 Sodium Me	tasilirate 846	10 7 20	
SULK TRUCK $G_{1}$ (JUP )         SG2-554       DRIVER (JUCK)         SG2-554       DRIVER (JUCK)         BULK TRUCK $G_{1}$ (JUP )         '472-467       DRIVER (JUCK)         REMARKS: $G_{1}$ (JUP )         Thank (JUH ) $G_{2}$ (JUP )         Provide $G_{2}$ (JUP )         Bulk TRUCK $G_{2}$ (JUP )         REMARKS: $G_{1}$ (JUP )         Thank (JUH ) $G_{2}$ (JUP )         Bulk (JUP ) $G_{2}$ (JUP ) <t< td=""><td>UMPTRUCK CE</td><td>MENT</td><td>ER LENAU</td><td>Friera - Stenten</td><td>Flo Seal</td><td>11316</td><td></td><td>33561</td></t<>	UMPTRUCK CE	MENT	ER LENAU	Friera - Stenten	Flo Seal	11316		33561
SULK TRUCK $G_{1}$ ( $TWS$ )         SG_2-554       DRIVER $KiK0$ ( $TWS$ ) $472-467$ DRIVER $A_{0sel}$ $4866646$ $4160-98$ $472-467$ $473-9272-75$ PLUG & FLOAT EQUIPMENT $4160-98$ $472-467$ $473-9272-75$ PLUG & FLOAT EQUIPMENT $4160-98$ $472-467$ $473-9272-75$ PLUG & Gas Services,	457-494 HE	LPER	111ronz	Trucez 1	Classe			3060.00
$\frac{SG_2 - 554}{ULK TRUCK} DRIVER K_1K_0 (TWS)$ $\frac{SG_2 - 554}{ULK TRUCK} DRIVER Angel Garia ?}$ $\frac{4722 - 467}{TPanK} DRIVER Angel Garia ?}$ $\frac{Wether Kis}{TPanK} Pank ?$ $\frac{Wether Kis}{VanK} Pank ?$ $\frac{Wether Kis}{Van$	and the state of t		Lusali	inner.	-			2000.00
SULK TRUCK $4722 - 467$ DRIVER $A_{0.5}e$ $6aria$ $aria$ $4722 - 467$ DRIVER $A_{0.5}e$ $6aria$ $aria$ REMARKS: $mileage - 1196.00$ $2.496$ $16232.79$ $Trank       y_{0.4} aria aria aria Trank       y_{0.4} aria aria aria aria Trank       y_{0.4} aria aria$	562-554 DR	IVER	KIKA	(TWIS)				
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HANDLING $\underline{(40, 40)}$ $\underline{2448}$ $\underline{1632.79}$ Thank you $\underline{196.00}$ $\underline{2.46}$ $\underline{1632.79}$ Thank you $\underline{196.00}$ $\underline{2.46}$ $\underline{3104.40}$ Dryage $\underline{196.00}$ $\underline{2.103.75}$ EXTRA FOOTAGE $\underline{0}$ $\underline{275.00}$ Manifold I $\underline{600}$ $\underline{2.75.00}$ Manifold I $\underline{600}$ $\underline{2.75.00}$ Manifold Oil & Gas Services, LLC. $\underline{100}$ $\underline{6040}$ Du are hereby requested to rent cementing equipment d furnish cementer and helper(s) to assist owner or intractor to do work as is listed. The above work was ne to satisfaction and supervision of owner agent or tractor. I have read and understand the "GENERAL RMS AND CONDITIONS" listed on the reverse side. $\underline{2700}$ $\underline{2941.56}$ NTED NAME $\underline{200}$ $\underline{200}$ $\underline{200}$ $\underline{2110}$ $\underline{2100}$ NTED NAME $\underline{200}$ $\underline{200}$ $\underline{200}$ $\underline{2100}$ TOTAL CHARGES $\underline{2000}$ $\underline{2000}$ $\underline{2001}$ TOTAL CHARGES $\underline{2000}$ $\underline{2000}$		IVER	Anal	Jania is				
REMARKS: $\Box$ <td< td=""><td></td><td></td><td>nger</td><td>United 1</td><td>- HANDLING</td><td>660.40</td><td></td><td>1103770</td></td<>			nger	United 1	- HANDLING	660.40		1103770
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HARGE TO: $falcon Exploration$ TREET					- MANIFOLD _			275.00
HARGE TO: $falcon & falcon & falco$					Kight Veh!	ac 40	@ <u>4.40</u>	
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TY STATE ZIP PLUG & FLOAT EQUIPMENT STATE ZIP PLUG & FLOAT EQUIPMENT Gruide Shoel @ U( $a$ ) 98 U( $b$ ) 98 AFU Flast Value @ U( $a$ ) 99 AFU Flast Value @ U( $a$ ) 99 A	REET						TOTAL	2912.75
PLUG & FLOAT EQUIPMENT $C_{14}$ dec. 98 $AFU Float Value @ 446.98  AFU Float Value @ 146.98  AFU Float Value @ 146.98 \\ AFU Float Value @ 146.94 \\ AFU Float Value @ 146.9$					•			
Cuide shoel $C$ $U(a)$ $9B$ $U(e)$ $9B$ AFU Flost Value $@$ $446.94$ $U(e)$ $9B$ AFU Flost Value $@$ $446.94$ Centralizer 3 $@$ $59.26Masket 4.3 @ 59.26Dop Rulber Plus 1$ $@$ $131$ $131.04Dop Rulber Plus 1$ $@$ $131$ $131.04Dop Rulber Plus 1$ $@$ $131$ $04Dop Rulber Plus 1$ $06$ $131$ $131.04Dop Rulber Plus 1$ $06$ $131$ $06Dop Rulber Plus 1$ $06$ $131$ $06$ $131$ $06Dop Rulber Plus 1$ $06$ $131$ $06$ $06Dop Rulber Plus 1$ $06$ $131$ $06$ $06Dop Rulber Plus 1$ $06$ $131$ $06$ $06$ $131$ $06$ $06$ $06$ $06$ $06$ $06$ $06$ $06$	IY	STAT	ſE	ZIP	P	LUG & FLOAT F	OTHEMENT	i.
Allied Oil & Gas Services, LLC. The are hereby requested to rent cementing equipment of furnish cementer and helper(s) to assist owner or intractor to do work as is listed. The above work was ne to satisfaction and supervision of owner agent or intractor. I have read and understand the "GENERAL RMS AND CONDITIONS" listed on the reverse side. NTED NAME $h \in N K M$					C. J. J.	. ^		G
2: Allied Oil & Gas Services, LLC. Du are hereby requested to rent cementing equipment d furnish cementer and helper(s) to assist owner or ntractor to do work as is listed. The above work was ne to satisfaction and supervision of owner agent or ntractor. I have read and understand the "GENERAL ERMS AND CONDITIONS" listed on the reverse side. INTED NAME $h \in h \in h \in h$ K. L.C. Lechtralizer 3 @ 74.88 224.07 Lasket 4.3 @SS9.26 $Do Ruther Plus 1 @ 1.31 Do Ruther Plus 1 @ 1.31Do Ruther Plus 1 @ 1.31 Do Ruther Plus 1 @ 1.31Do Ruther Plus 1 @ 1.31 Do Ruther Plus 1 @ 1.31Do Ruther Plus 1 @ 1.3$					LILLIGE Sha	une etc		460.98
Scheld Oil & Gas Services, LLC. but are hereby requested to rent cementing equipment d furnish cementer and helper(s) to assist owner or intractor to do work as is listed. The above work was ne to satisfaction and supervision of owner agent or intractor. I have read and understand the "GENERAL RMS AND CONDITIONS" listed on the reverse side. INTED NAME $h \in h \in h$ $h$ $h$ $h$ $h$ $h$ $h$ $h$ $h$ $h$					AFU Flog			446.94
bu are hereby requested to rent cementing equipment d furnish cementer and helper(s) to assist owner or ntractor to do work as is listed. The above work was ne to satisfaction and supervision of owner agent or ntractor. I have read and understand the "GENERAL RMS AND CONDITIONS" listed on the reverse side. INTED NAME $h \in 0$ $h$	· Allied Oil & Gan	Sordian			<u>Centralized</u>	1 12	-	224.64
d furnish cementer and helper(s) to assist owner or ntractor to do work as is listed. The above work was ne to satisfaction and supervision of owner agent or ntractor. I have read and understand the "GENERAL RMS AND CONDITIONS" listed on the reverse side. INTED NAME $h \in 0$ $h$ $k$	u pro horohu - ous	Sel vice	. بايلىلى وگ		Toolul	11 ,	and the state of t	21 1/216
ntractor to do work as is listed. The above work was ne to satisfaction and supervision of owner agent or ntractor. I have read and understand the "GENERAL ERMS AND CONDITIONS" listed on the reverse side. INTED NAME $h \in \delta M$ K.A. INTED NAME $h \in \delta M$ K.A.			ent cemer	ung equipment	-regeneration )			131.00
ne to satisfaction and supervision of owner agent or ntractor. I have read and understand the "GENERAL RMS AND CONDITIONS" listed on the reverse side. NTED NAME $h \in \delta N K M$ NTED NAME $h \in \delta N K M$	d furnish company	and hel	per(s) to a	ssist owner or	•	(	»	
ntractor. I have read and understand the "GENERAL RMS AND CONDITIONS" listed on the reverse side. NTED NAME $h \in \delta N K M$ SALES TAX (If Any) TOTAL CHARGES 37,058,33	d furnish cementer :		ted The	above work was				danna -
RMS AND CONDITIONS" listed on the reverse side. SALES TAX (If Any) TOTAL CHARGES 27.058.33	d furnish cementer : ntractor to do work	as is lis	neu. met					
RMS AND CONDITIONS" listed on the reverse side. SALES TAX (If Any) TOTAL CHARGES 27.058.33	d furnish cementer : ntractor to do work ne to satisfaction an	d super	rvision of	owner agent or			TOTAL	Sala The
NTED NAME LENKL TOTAL CHARGES \$ 27,058,33	d furnish cementer a ntractor to do work ne to satisfaction an atractor. I have read	id super d and up	rvision of onderstand	the "GENERAL		11/11.		2941-58
NTED NAME & CINKING BUILDE	d furnish cementer a ntractor to do work ne to satisfaction an atractor. I have read	id super d and up	rvision of onderstand	the "GENERAL	SALES TAX (If	Any) /1/1/0		2941-58
DISCOUNT	d furnish cementer a ntractor to do work ne to satisfaction an atractor. I have read	id super d and up	rvision of onderstand	the "GENERAL		any)	,69 6	2941-58
	d furnish cementer a ntractor to do work ne to satisfaction an atractor. I have read RMS AND COND	id super d and un ITIONS	rvision of nderstand S" listed or	the "GENERAL		Es\$ 27.059	3.33	2941-58
	d furnish cementer a ntractor to do work ne to satisfaction an atractor. I have read RMS AND COND	id super d and un ITIONS	rvision of nderstand S" listed or	the "GENERAL	TOTAL CHARG	Es\$ 27.059	3.33	2941-58 N 20 DAVID
Nature Ref = 18,940.83	d furnish cementer a ntractor to do work ne to satisfaction an atractor. I have read RMS AND COND	id super d and un ITIONS	rvision of nderstand S" listed or	the "GENERAL	TOTAL CHARG	Es\$ 27.059 8117.50	3.33 ) IF PAID I	2941-58 N 30 DAYS
	d furnish cementer a ntractor to do work ne to satisfaction an atractor. I have read RMS AND CONDI NTED NAME	id super d and un ITIONS	rvision of nderstand S" listed or	the "GENERAL	TOTAL CHARG	Es\$ 27.059 8117.50	3.33 ) IF PAID I	2941.58 

ALLIED CEMEN Foderel Yex 1.0.	TING CO., INC. KB
REMITTO P.O. BOX 31 RUSSELL, KANSAS 67665	SERVICE POINT LIPSONN, LS
DATE SEC. TWP. RANGE CAN DATE AND AND WHELL & CAN DEASE AND AND WHELL & CAN DED OF NEW (Circle one)	OWNER SAISE
TYPE OF JOB HOLE SIZE CASING SIZE TUBING SIZE DEPTH DRILL PIPE (1/1) X 1/ 1/ DEPTH 1952)	CEMBINT AMOUNT ORDERED <u>1775 60,1412</u> <u>48.644</u>
TOOL DEPTH PRES. MAX 2.200 // 51 MINIMUM //2 MEAS. LINE SHOE JOINT 124 CEMENT LEFT IN CSG. PERFS. 2120 DISPLACEMENT 2.97 15.67 EQUEPMENT	COMMON_102
PUMP TRUCK CEMENTER & Starky 1 #SV2/SS73 HELPER/Lagur 1/0/23 3 BULK TRUCK #SS6/257 DRIVER /1/2 245 BULK TRUCK	
# DRIVER REMARKS:	HANDLING 176 @ 242 (736 4) MILEAGE 7.61
Thank You!	DEPTH OF JOB 1950 PUMP TRUCK CHARGE 22005 221/9 89 EXTRA FOOTAGE @ MILEAGE 20 0 72 385 0 MANIFOLD 0 1706 1, 1, 50 0(1/0 720)
CHARGE TO: <u>FACOR</u>	TOTAL 29545
CITYSTATEZIP	PLUG & FLOAT EQUIPMENT
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.	TAX <u>512, 25</u> TOTAL CHARGE <u>684262</u> DISCOUNT <u>2064, 79</u> IF PAID IN 30 DAYS
SIGNATURE Colon Loft	PRINTED NAME

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### **Diamond Testing General Report**

JAKE FAHRENBRUCH - TESTER Cell: (620) 282-8977 P.O. Box 157 Hoisington KS 67544 Office: (800) 542-7313

#### **General Information**

Company Name	Falcon Exploration Inc.	Well Name	Joan Ward #1-32
Well Operator	Falcon Exploration Inc.	Unique Well ID	DST #1 Miss/St. Louis (5380'-5420')
Contact	Brian Fisher	Surface Location	Sec 32-28s-30w-Gray CoKS
Site Contact	Keith Reavis	Test Unit	#5
Field	Wildcat	Pool	Wildcat
Well Type	Vertical	Job Number	F041
Prepared By	Jake Fahrenbruch	Qualified By	Keith Reavis

#### **Test Information**

Test Type Formation	Conventional Bottom Hole Miss / St Louis (5380'-5420')	Test Purpose Gauge Name	Initial Test 0062
Start Test Date	2012/11/03	Start Test Time	00:04:00
Final Test Date	2012/11/03	Final Test Time	10:36:00

#### Test Results

Recovered:	25' in DC 50' in DC	OSM 2% oil, 98% mud GCOM 20% gas, 30% oil, 50% mud
		275' Gas In Pipe
		Total Fluid Recovered: 75'
		Tool Sample: HOCM 30% oil, 70% mud

	DIAMONI P.O. E HOISINGTON, (800) 5 DRILL-STEM FILE:					
Company		Lease & Well No				
Contractor						
Elevation Formation						
DateSecTwp						
Test Approved By						
Formation Test No Interval Tested f	from	ft to	ft To	tal Denth		ft
Packer Depth ft. Size6 3/		Packer depth				
Packer Depthft. Size6 3/		Packer depth				
Depth of Selective Zone Set						
Top Recorder Depth (Inside)	ft.	Recorder Number		Cap.		P.S.I.
Bottom Recorder Depth (Outside)		Recorder Number				
Below Straddle Recorder Depth		Recorder Number				
Mud Type Viscosity		Drill Collar Length				? 1/4 in.
Weight Water Loss						. 7/8 in
Chlorides	P.P.M.	Drill Pipe Length		The second se		3 1/2 in
Jars: Make STERLING Serial Number		Test Tool Length				1/2-IF in
Did Well Flow? Reversed Out		Anchor Length				1/2-FH in
Main Hole Size 7 7/8 Tool Joint Size	4 1/2in.	Surface Choke Size_				
Blow: 1st Open:						
2nd Open:						÷.
Recoveredft. of						
Recoveredft. of						
Recoveredft. of						
Recoveredft. of						
Recoveredft. of				Price Jo	b	
Recoveredft. of				Other Cl	narges	
Remarks:				Insuranc	е	
A.M.			A.M.	Total		
	ne Started Off Bo	ottom		aximum Te	mperature	
Initial Hydrostatic Pressure		(A)	P.S.I.			
Initial Flow Period Minutes_		(B)	P.S.I.	to (C)		P.S.I.
Initial Closed In Period Minutes_		(D)	P.S.I.			
Final Flow Period Minutes_		(E)	P.S.I. t	o (F)		P.S.I.
Final Closed In PeriodMinutes_		(G)	P.S.I.			
Final Hydrostatic Pressure		(H)	P.S.I.			

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Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

Final Test Date: 2012/11/03 Job Number: F041 Joan Ward #1-32 2800 150 p = 2572.47 p = 2570.36 Temp = 125.41 p = 1542.64 1700 100 p = 1466.02 0062 Pressure , psi(a) 0062 Temperature, °F 50 600 p = 47.05 p = 27.00 p = 18.92 p = 11.11-500 0 0:00 2:00 4:00 6:00 8:00 10:00 12:00 2012/11/3

Falcon Exploration Inc.

DST #1 Miss/St. Louis (5380'-5420') Start Test Date: 2012/11/03 Joan Ward #1-32

Pool: Wildcat

Formation: Miss / St Louis (5380'-5420')

Company: Address: Contact Geologist: Contact Phone Nbr: Well Name: Location: Pool: State:	OPERATOI Falcon Exploration, Inc. 125 N. Market Suite 1252 Wichita, KS 67202 Brian Fisher 316-262-1378 Joan Ward #1-32 (SW) Sec. 32 - T28S - R30W Kansas	R API: Field: Country:	15-069-20409-0000 Wildcat USA
	Scale 1:240 Imp	perial	
Well Name: Surface Location: Bottom Location: API:	Joan Ward #1-32 (SW) Sec. 32 - T28S - R30W 15-069-20409-0000		
License Number: Spud Date:	5316 10/27/2012	Time:	00:00
Region: Drilling Completed: Surface Coordinates: Bottom Hole Coordinates:	Gray County 11/3/2012 1150' FSL & 130' FWL	Time:	15:35
Ground Elevation: K.B. Elevation: Logged Interval: Total Depth: Formation: Drilling Fluid Type:	2818.00ft 2831.00ft 3400.00ft 5496.00ft Morrow/Mississippian Chemical/Fresh Water Ge	To:	5496.00ft
	SURFACE CO-ORI	DINATES	J
Well Type: Longitude: N/S Co-ord: E/W Co-ord:	Vertical 1150' FSL 130' FWL	Latitude:	
	LOGGED B	Y	
	<b>Keith Re</b> Consulting Ge		
Company: Address:	Keith Reavis, Inc. 3420 22nd Street Great Bend, KS 67530		
Phone Nbr: Logged By:	620-617-4091 KLG #136	Name:	Keith Reavis
	CONTRACTO	DR	
Contractor: Rig #:	Sterling Drilling Company 5		
Rig Type: Spud Date: TD Date: Rig Release:	mud rotary 10/27/2012 11/3/2012	Time: Time: Time:	00:00 15:35
	ELEVATION	IS	
K.B. Elevation: K.B. to Ground:	2831.00ft 13.00ft	Ground Elevation:	2818.00ft
	NOTES		
Ward #1-32 be plugged and aban	doned as a dry test.		ed upon by all parties that the Joan
A Tooke Daq gas detection system imported into this mudlog. The car formation picks were generally wi exact match, but rather left as rec	aliper and gamma ray were a thin 2-4 ft. of actual electrica	lso imported from th	
The samples were saved and will in Wichita, KS.	be available for review at th	e Kansas Geological	Survey Well Sample Library located
Respectfully submitted, Keith Reavis			

## Falcon Exploration, Inc

daily drilling report

DATE	7:00 AM DEPTH	REMARKS
10/31/2012	3840	Geologist Keith Reavis on location @ 0330 hrs, 3550 ft., drilling ahead Stotler, Tarkio, Topeka, Heebner, Douglas, Lansing, BKC, Marmaton
11/01/2012	5062	drilling ahead, Marmaton, Pawnee, Cherokee, pull PDC bit and back in with button bit @ 5062 ft, ctch, resume drilling Cherokee, Morrow
11/02/2012	5260	cfs for Morrow sand, drilling ahead Miss/Chester, St. Gen, St. Louis show and gas kick in St. Louis warrants test, ctch, TOH for DST #1
11/03/2012	5420	running tools, conduct and complete DST #1, TIH with PDC, rathole ahead to TD 5500', reach TD @ hrs, conduct logging operations
11/04/2012	5496	complete logging operations, geologist released 0200 hrs

#### Falcon Exploration, Inc. well comparison sheet

	2	DRILLING	WELL			COMPARIS	ON WELL	COMPARISON WELL				
	J	oan Ward #	1-32 (S	James Koehn No. 1-31 (NW)				Sherlyn Koehn No. 1-31 (SW)				
	1	150' FSL &	23	10' FNL &	1670' 1	1700' FSL and 2000' FWL						
		Sec 32-T	285-R30V	7		Sec 31-T	285-R30W	Sec 31-T28S-R30W				
						1	Struct	ural			Structural	
	2831 KB				2842	2 KB	Relatio	onship	2842	2 KB	Relationship	
Formation	Sample	Sub-Sea	Log	Sub-Sea	Log	Sub-Sea	Sample	Log	Log	Sub-Sea	Sample	Log
Stotler	3544	-713	3546	-715	3542	-700	-13	-15	3544	-702	-11	-13
Tarkio	3614	-783	3614	-783	3609	-767	-16		3611	-769	-14	
Topeka	3812	-981	3813	-982	3813	-971	-10		3817	-975	-6	
Heebner	4150	-1319	4151	-1320	4148	-1306	-13		4154	-1312	-7	
Douglas	4189	-1358	4189	-1358	4189	-1347	-11		4197	-1355	-3	
Lansing	4261	-1430	4261	-1430	4260	-1418	-12		4264	-1422	-8	
Stark	4641	-1810	4642	-1811	4648	-1806	-4		4654	-1812	2	
Marmaton	4775	-1944	4780	-1949	4776	-1934	-10		4776	-1934	-10	
Pawnee	4879	-2048	4878	-2047	4875	-2033	-15		4888	-2046	-2	
Cherokee	4920	-2089	4922	-2091	4915	-2073	-16		4926	-2084	-5	
Morrow	5154	-2323	5152	-2321	5135	-2293	-30	1	5148	-2306	-17	
Morrow Sand	np	np	np	np	5159	-2317			5172	-2330		
Chester	5188	-2357	5194	-2363	5216	-2374	17		5237	-2395	38	
St. Gen	5278	-2447	5490	-2659	5296	-2454	7		5306	-2464	17	
St. Louis por	5393	-2562	5395	-2564	5402	-2560	-2		5425	-2583	21	
Total Depth	5496	-2665	5498	-2667	5449	-2607	-58		5519	-2677	12	

Form	ation
Stot	
Tark	
Tope	ka
Heeb	ner
Doug	las
Lans	ing
Star	k
Marm	aton
Pawn	ee
Cher	okee
Morr	ow
Morr	ow Sand
Ches	ter
St.	
	Louis por
Tota	l Depth

	COMPARIS					
	Ward #1-	31 (SE)				
24	45' FSL &	1370' F	EL			
	Sec 31-T	285-R30W				
		Struct	ural			
282	l KB	Relatio	Relationship			
Log	Sub-Sea	Sample	Log			
3534	-713	0	-2			
3602	-781	-2	-2			
3804	-983	2	1			
4140	-1319	0	-1			
4178	-1357	-1	-1			
4249	-1428	-2	-2			
4628	-1807	-3	-4			
4764	-1943	-1	-6			
4869	-2048	0	1			
4909	-2088	-1	-3			
5131	-2310	-13	-11			
5168	-2347					
5231	-2410	53	47			
5270	-2449	2	-210			
5384	-2563	1	-1			
5484	-2663	-2	-4			

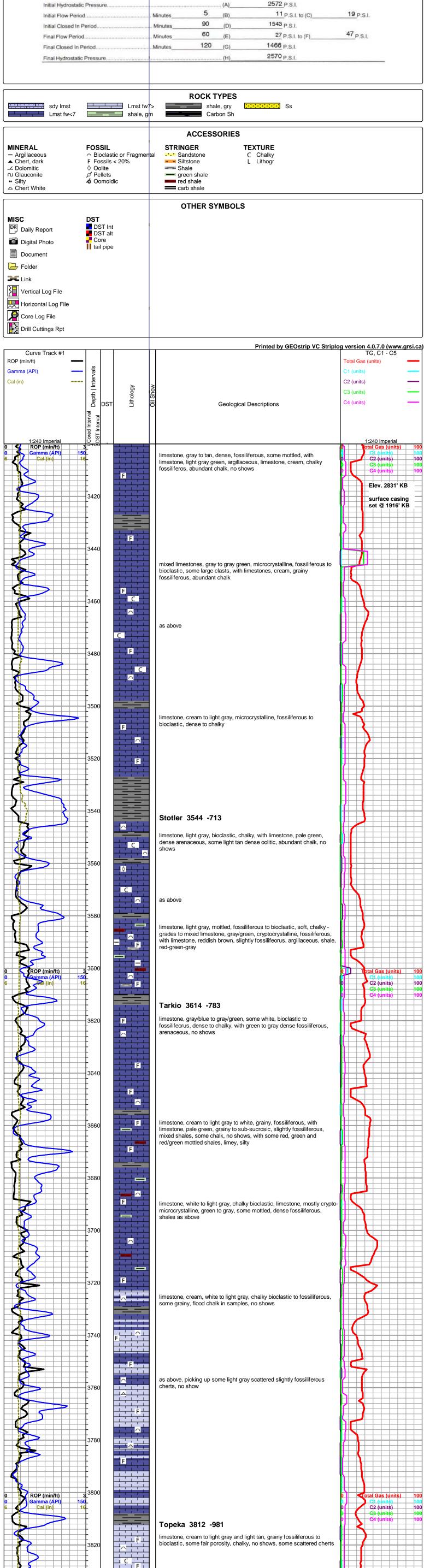
	Q /	P.O. Box 157 HOISINGTON, KANSAS 67544	TIME ON		
( A	>	(800) 542-7313	TIME OFF	F: 10:36	
$\sim$		DRILL-STEM TEST TICKET FILE: joanward1dst1			
Company Falcon Exploration	tion Inc.	Lease & Well No	Joan Ward #1-32		
	tion Inc.	Lease & Well No			1
Contractor SDC #5	tion Inc.			Ft. Ticket No	F041
Company Falcon Explora Contractor SDC #5 Elevation 2831' KB Date 11.3.12 Sec.		Charge to Falco		Ft. Ticket No Gray State	

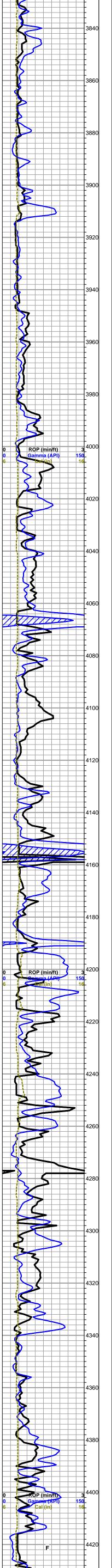
5380 a to 5420 a

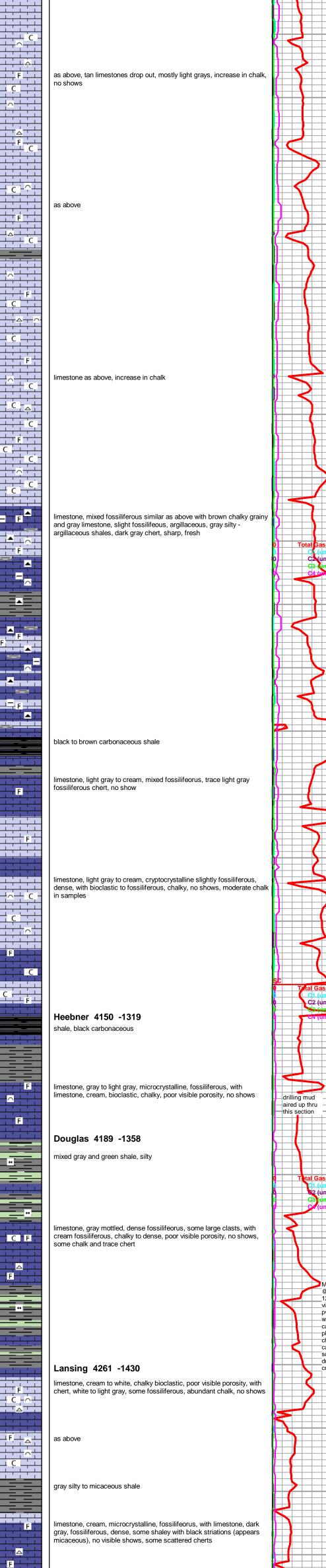
Formation Test f	No.	11	Interval	Tested from_		5380 ft. to	5420 ft. Total De	pth	542	U ft.
Packer Depth		5375 <sub>ft</sub>	Size_	6 3/4	in.	Packer depth	ft.	Size	5 3/4 ir	۱.
Packer Depth		5380 ft	Size_	6 3/4	in.	Packer depth	ft.	Size	6 3/4 ir	1.
Depth of Selectiv	ve Zone Set								_	
Top Recorder De	epth (Inside)			Ę	5359 <sub>ft.</sub>	Recorder Number	0062 Ca	p	5,000 P.S	.l.
Bottom Recorde	r Depth (Out	tside)		5	5417 <sub>ft.</sub>	Recorder Number	11033 <sub>Ca</sub>	ip	5,150 P.S	5.1.
Below Straddle F	Recorder De	pth			ft.	Recorder Number	Ca	p	P.S	s.1.
Mud Type	Chemical	Viscos	ity	58		Drill Collar Length	332 ft.	I.D	2 1/4	in.
Weight	9.0	Water Los	s	8.8	c	c. Weight Pipe Length_	ft.	I.D	2 7/8	in
Chlorides				1450	P.P.M.	Drill Pipe Length	5015 <sub>ft.</sub>	I.D	3 1/2	in
Jars: Make S	STERLING	Serial N	umber_	#	5	Test Tool Length	33 <sub>ft.</sub>	Tool Size	3 1/2-IF	in
Did Well Flow?_	N	O Re	versed (	Dut	NO	Anchor Length	40 <sub>ft.</sub>	Size	4 1/2-FH	in
Main Hole Size	7 7/8	То	ol Joint S	Size 4 1/2	2 XH in	Surface Choke Size_	1in.	Bottom C	hoke Size_5/	8 in

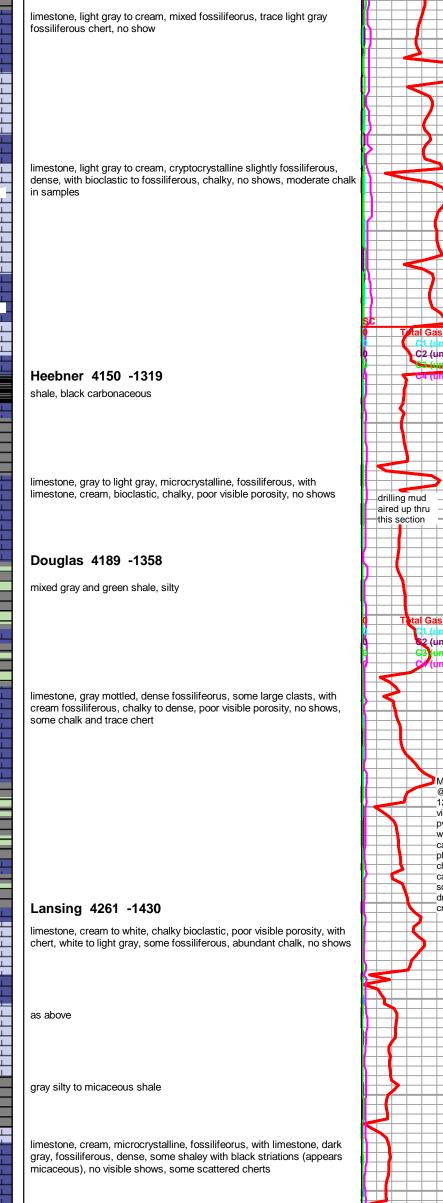
2nd Open: Fair blow, increased to 11". No blowback

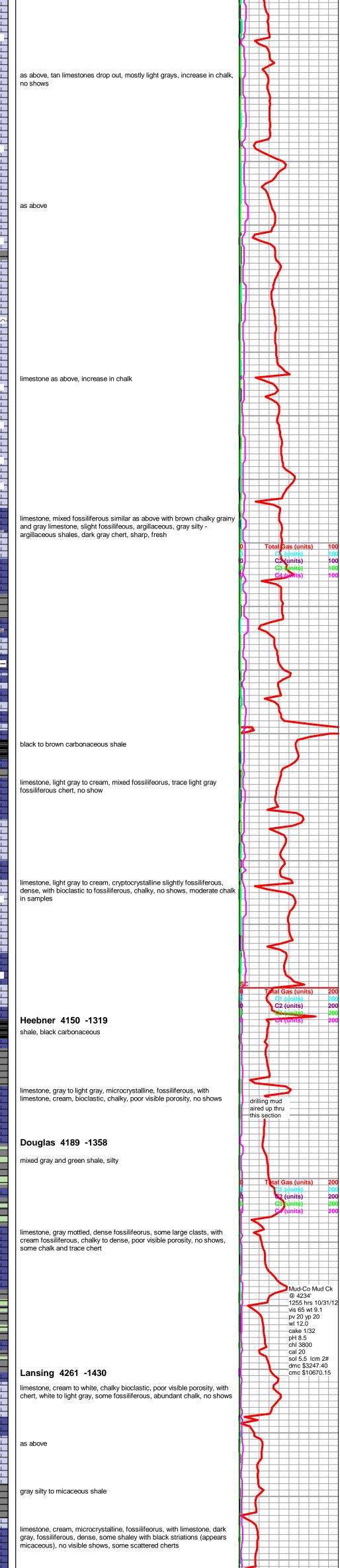
Recovered	25 ft. of OS	M		2% oil, 98% i	nud			*******			1
Recovered	50 ft. of GC	ОМ		20% gas, 30% oil, 50%	nud			Trop+ (Did)	T	4	
Recovered	ft. of 275	5' GIP				X	P				
Recovered	ft. of					1	1		1 1	5	
Recovered	ft. of	_				~/		(		1.	
Recovered	ft. of									v	
Remarks: Total F	luid Recov	ered: 75	5' in DC			1					
Tool Sample:	HOCM	30%	oil, 70%	mud			******	1		-	
					40	214	410	612 000 Tata		1.8	100
Time Set Packer(s	2:45	5 am	A.M. P.M.	Time Started Off Bottom	7:20 an	n P.M.	Maxin	num Temp	erature	125 d	eg F

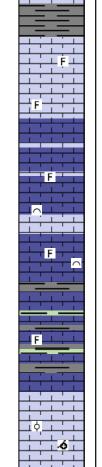












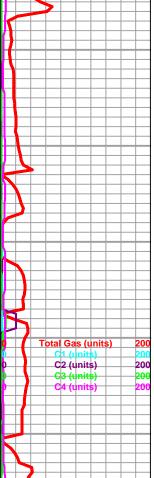
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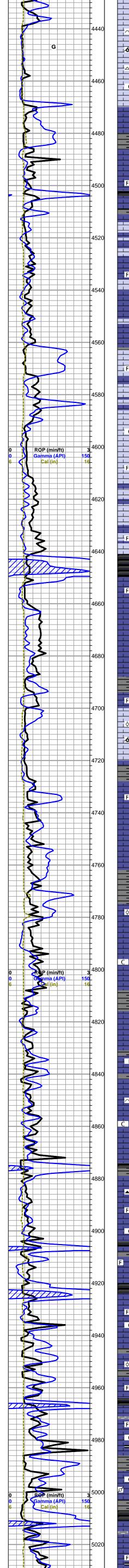
limestone, light gray to cream, microcrystalline, fossiliferous, poor visible porosity, some slightly chalky, no shows

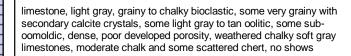
limestone, gray, micro-cryptocrystalline, fossilifeorus, dense, with some limestone, cream, fossiliferous, bioclastic to fossiliferous, some pinpoint porosity, chalky in part - no shows

limestone as above, with limestone, dark gray, argillaceous-shaley, some large cream fossil clasts, gray chalky weathered limestone, gray and green silty shales

limestone, tan, oolitic to oomoldic, large oolites and molds, fair oomold porosity, even green mineral fluoresence, no shows







limestone, light gray to white, micro-cryptocrystalline, fossiliferous, chalky in part, poor visible porosity, no shows

limestone, mixed white to gray fossiliferous, some grainy, no shows, trace spongy light gray bioclastic, chalky in part, no shows

as above

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limestone, mixed non-descript fossiliferous, some chalk and scattered cherts, no shows

as above

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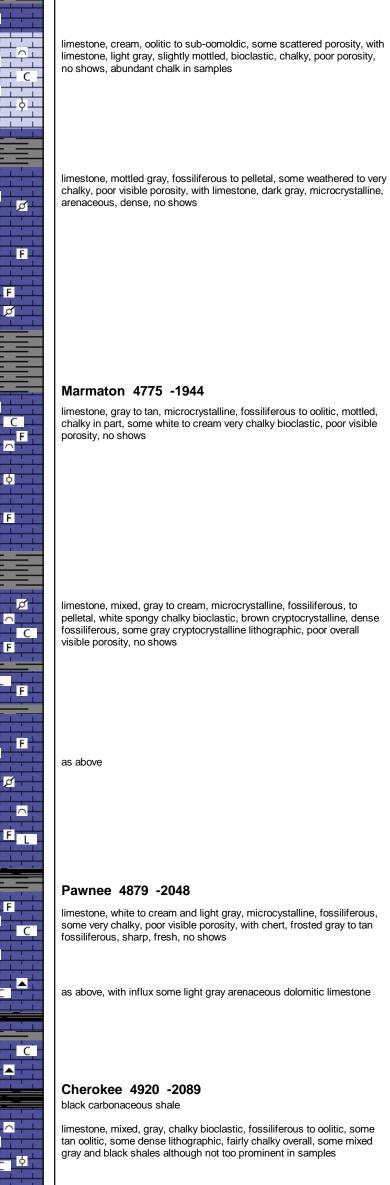
L F

#### Stark 4641 -1810

shale, black carbonaceous

limestone, gray to light gray, mostly cryptocrystalline, fossiliferous to lithographic, dense, some cream to white, chalky soft fossilifeorus, poor visible porosity, no shows





as above

limestone, mixed fossiliferous and pelletal, fairly chalky, some shales, no shows

limestone, tan to gray, microcrystalline, fossiliferous, dense, with tan to gray dolomitic limestone, microcrystalline, arenacoues, some black shales, no shows

