

Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

1155709

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:			SecTwpS. R East West				
Address 2:			Feet from North / South Line of Section				
City: S	tate: Zi	p:+	Fe	eet from East / V	West Line of Section		
Contact Person:			Footages Calculated from	Nearest Outside Section Co	orner:		
Phone: ()			□ NE □ NV	V □SE □SW			
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:	We	ell #:		
New Well Re	-Entry	Workover	Field Name:				
	_	_	Producing Formation:				
☐ Oil ☐ WSW ☐ D&A	☐ SWD	∐ SIOW □ SIGW	Elevation: Ground:	Kelly Bushing: _			
☐ OG	GSW	Temp. Abd.	Total Vertical Depth:	Plug Back Total De	epth:		
CM (Coal Bed Methane)	dow	тетір. Ава.	Amount of Surface Pipe Se	et and Cemented at:	Feet		
Cathodic Other (Con	e. Expl., etc.):		Multiple Stage Cementing	Collar Used? Yes	No		
If Workover/Re-entry: Old Well In			If yes, show depth set:		Feet		
Operator:			If Alternate II completion, of	cement circulated from:			
Well Name:			feet depth to:	w/	sx cmt.		
Original Comp. Date:	Original To	otal Depth:					
Deepening Re-perf.	Conv. to E	NHR Conv. to SWD	Drilling Fluid Manageme	nt Plan			
☐ Plug Back	Conv. to G	SW Conv. to Producer	(Data must be collected from t				
O constitued and	D		Chloride content:	ppm Fluid volume:	bbls		
CommingledDual Completion			Dewatering method used:				
SWD			Location of fluid disposal if	f haulad offsita:			
☐ ENHR			Location of fluid disposal fi	nauled offsite.			
GSW	Permit #:		Operator Name:				
_			Lease Name:	License #:			
Spud Date or Date Rea	ached TD	Completion Date or	QuarterSec	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 Two



Operator Name:				Lease I	Name: _			Well #:		
Sec Twp	S. R	East	West	County	:					
INSTRUCTIONS: Shopen and closed, flow and flow rates if gas to	ring and shut-in press o surface test, along v	ures, whet vith final c	ther shut-in pre hart(s). Attach	essure reac extra shee	hed stati t if more	c level, hydrosta space is neede	tic pressures, bod.	ottom hole temp	erature, fluid re	ecovery,
Final Radioactivity Lo files must be submitte						gs must be ema	liled to kcc-well-	ogs@kcc.ks.go	v. Digital electi	ronic log
Drill Stem Tests Taker (Attach Additional		Ye	es No			J	on (Top), Depth		Samp	
Samples Sent to Geo	logical Survey	Ye	es No		Nam	e		Тор	Datum	1
Cores Taken Electric Log Run		☐ Ye								
List All E. Logs Run:										
				RECORD	Ne					
	0: 11.1					ermediate, product		" 0 1	T 15	
Purpose of String	Size Hole Drilled		e Casing (In O.D.)	Weig Lbs.		Setting Depth	Type of Cement	# Sacks Used	Type and Pe Additive	
			ADDITIONAL	CEMENTI	NG / SQL	JEEZE RECORD				
Purpose:	Depth Top Bottom	Туре	of Cement	# Sacks	Used		Type and	Percent Additives		
Perforate Protect Casing	Top Detterm									
Plug Back TD Plug Off Zone										
1 lug 0 li 20 lio										
Did you perform a hydrau	ulic fracturing treatment of	on this well?	•			Yes	No (If No, s	kip questions 2 a	nd 3)	
Does the volume of the t			_		-		= ` `	kip question 3)		
Was the hydraulic fractur	ing treatment information	n submitted	to the chemical of	disclosure re	gistry?	Yes	No (If No, f	ill out Page Three	of the ACO-1)	
Shots Per Foot			D - Bridge Plug Each Interval Perf				cture, Shot, Ceme			Depth
						(_	
TUBING RECORD:	Size:	Set At:		Packer A		Liner Run:				
		0017111				[Yes N	0		
Date of First, Resumed	Production, SWD or EN	HR.	Producing Meth	nod:	g 🗌	Gas Lift (Other (Explain)			
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wat	er B	bls.	Gas-Oil Ratio	Gra	avity
DIODOCITI	01.05.040			4ETUOD 05	001451	TION		DDODUCT	ONLINITED (A)	
DISPOSITION Solo	ON OF GAS: Used on Lease		N Open Hole	∥ETHOD OF ☐ Perf.			nmingled	PRODUCTION	ON INTERVAL:	
	bmit ACO-18.)		Other (Specify)		(Submit		mit ACO-4)			



#1 Don Selenke

600' FSL & 1140' FEL 60' S & 150' W of W/2 SE SE Section 22-13S-31W Gove County, Kansas API# 15-063-22103-0000

Elevation: 2879' GL, 2884' KB

			Ref.
Sample Tops			Well
Anhydrite	2367'	+517	+3
B/Anhydrite	2387'	+497	+5
Stotler	3541'	-657	+11
Heebner	3896'	-1012	+10
Lansing	3936'	-1052	+12
Muncie Shale	4089'	-1205	+14
Stark Shale	4180'	-1296	+9
Hush	4218'	-1334	+12
BKC	4252'	-1368	+16
Marmaton	4276'	-1392	+21
Altamont	4302'	-1418	+28
Pawnee	4378'	-1494	+17
Myrick	4408'	-1524	+19
Fort Scott	4428'	-1544	+20
Cherokee Shale	4456'	-1572	+19
Johnson	4498'	-1614	+22
B/Johnson	4516'	-1632	+21
Morrow Sand	4522'	-1638	+28
Mississippian	4544'	-1660	+17
RTD	4670'	-1786	



258 355

TICKET NUMBER	393 <u>52</u>
OCATION CAN	ley 10
FOREMAN MA	es Shaw

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On May Services Fre					FOREMAN The Shaw				
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O Box 884, 1 20-431-9210	Chanute, KS 6672 or 800-467-8676	E-U		CEMEN'				<u> </u>	
DATE	CUSTOMER#	WELL	NAME & NUM	IBER	SECTION	TOWNSHIP	RANGE	COUNTY	
	7/73	1- 50	poke 4	7	22	135	3/6	Gove	
4-25-/3 CUSTOMER	0 1 1	C	/	Oakl+1	A SHARWA	PDIV(CD	TRUCK#	DRIVER	
	Kitchi	e Explo	ration	11stovenia	TRUCK#	DRIVER	1KOCK#	<u> </u>	
MAILING ADD	RESS	,		East to Palle	* 399	Ornor M			
			Tele cons	-16 1014 F	5/10	M.H.P	<u> </u>		
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				1/4 W	4// 4/	CASING SIZE & V	VEIGHT 5%	15.5H	
JOB TYPE_	ma String	HOLE SIZE	18	HOLE DEPTH	1_701/	CASING SIZE & V	OTHER 232	1.1	
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Port Col	lar toolon t	20 of 23 mg	550-	1300 Ku	- C45175	KI MI HOW	CIV CIL	1054	
Pump.	Shills Water :	Stage/m	nd Flus	4 S34/8	ater mi	12005/15	Celessol	alia	
Kc/S-al	46 CDI 26	down Cas	sing. Shu	it dayin	~ 1, ~ 	mp + lines	I Elegan	//ug	
dBA	91e 11/5615 L	water with	KORS	left plug	land a 150	ops, Insect	ruja i		
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					hanns 7		UNIT PRICE	TOTAL	
ACCOUNT CODE	QUANIT	Y or UNITS	l	DESCRIPTION O	of SERVICES or Pi	KODUCI		10/2010	
54016			PUMP CHAI	RGE			3/2500	1 3/75	
5400			MILEAGE	<u> </u>			5.25	105,00	
	10.8	1 7045	Tine	nitiage	delivers	Min	430.00	1 Y Y Z Z	
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5400	20		430. "	480.00
5407	10,8 Tous	1	23.70	545%
1126	2305AS	OWC Comen't	,5%	644,00
1/10A	1/50#	Molseal		581.40
1137	57#	CAIN	10,20	500,00
11446	500	Mud flush	1,00	SUL, W
4104	7	5%" Baskets	290	17850, 1
	0	5%" Turbolizes	86 ω	680,00
4136			202.75	202,75
4203		Sh' Guido Shoe	139,75	159.75
4228		Sh' AFY Foset	2170 75	2171.75
4285		5% Pur collar tool	- 0/18,70	
		6.1		15565.65
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Ravin 3737			ESTIMATED TOTAL	14868,00
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Leeknowieda	that the navment terms. L	inless specifically amended in writing on the front of	the form or in the	customers

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.



258368

TICKET NUN	BER	39	945	
LOCATION_	Oa	Clar	V<	
FOREMAN			2701	

PO Box 884, Chanute, KS 66720 620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT CEMENT

DATE	CUSTOMER#	WELL NAME & NUMBER			OFOTION I	TOURIOUSE	D. D. L. COR	I 00111-1
					SECTION	TOWNSHIP	RANGE	COUNTY
4-29-13	7/23	Don Se	lenke.	#/	22	135	310	Gove
CUSTOMER	ı · -	. , , ,	-	Oakley				
MAILING ADDRÉ	Vin Ext	Dlaration		South to	IRUCK#	DRIVER	TRUCK#	DRIVER
MAILING ADDRE	, ,			bove Xel	399	Damou 20	eller	
				5E-1016	528-T127	Travish	l	
CITY		STATE	ZIP CODE	South to P		Jack Jo		
JOB TYPE P	ort Collar	HOLE SIZE	77/8		46)	CASING SIZE & W	/FIGHT	<u> </u>
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Sopl W	1500#	Holle, Di	splace	12% B	BLH20.	Close To	ol Tes	T to 1200
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ACCOUNT CODE	QUANITY (or UNITS	DE	SCRIPTION of	SERVICES or PRO	DUCT	UNIT PRICE	TOTAL
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1183	130	#	(40)	NUTL.			00	110062
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			<u> </u>				SALES TAX	477.45
avin 3737							ESTIMATED	
	Veltu	-	. ^		-		TOTAL	8232.55
UTHORIZTION	Telle	1//2-		TITLE		* -	DATE .	

I acknowledge that the payment terms, unless epecifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

ALLIED OIL & GAS SERVICES, LLC 060155

ALLED OUT ON LOCATION JOB START JOB FINISH 230, 310, 310, 310, 310, 310, 310, 310, 3	CALL		EXAS 7609	•	
115 SERS 3/4E COUNTY STATE OF	CALL			··	
115 SEGIS 3/4E COUNTY STATE TO		RANGE 3/	73.	SEC.	2ATB 4/15/13
	11. 1	LOCATION POL	1 1	P. WELL#	BASB SI LOK
OWNER	10-11	1 ,4"	-/		OLD OR MEW
<u>OWNER</u>					CONTRACTOR
	C			SwiFry	
CEMENT	·····	020	T.D.	1244 TU	HOLE SIZE
AMOUNT ORDERED 155 Con 300CC			DEP1	8178	CASING SIZE
202000		· · · · · · · · · · · · · · · · · · ·	DEPT		(UBING SIZE
		TH	DEPT		ORILL PIPE
6.2			DEP		OOL
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<u> </u>					BULKTRUCK
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DEPTH OF JOB			_		<i>D</i> . <i>y</i>
PUMP TRUCK CHARGE 157/2.		1 miles	1		
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iomese, 77	-				TREET
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TOTAL CHARGES 6.103.33			<i>n</i> .		
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4,699.56 Net.				.01	RINTED NAME
TOTAL	. SA	issist owner or above work was owner agent or the "GENERAL	lper(s) to a lsted. The a ervision of a understand	enter and hel work as is li ion and supe ve read and u	nd furnish cem ontractor to do one to satisfact ontractor, I hav
SALES TAX (If Any)	, SA	the "GENERAL n the reverse side	ınderstand	ve read and u	ontractor. I have

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/

Sam Brownback, Governor

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

August 19, 2013

John Niernberger Ritchie Exploration, Inc. 8100 E 22ND ST N # 700 BOX 783188 WICHITA, KS 67278-3188

Re: ACO1

API 15-063-22103-00-00 Don Selenke 1 SE/4 Sec.22-13S-31W Gove 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, John Niernberger

HEADER

WellSight Systems

Scale 1:240 (5"=100") Imperial Measured Depth Log

Well Name: #1 DON SELENKE

Location: sec 22 - twp 13S - rge 31W GOVE COUNTY

60' S & 150' W of W2 - SE - SE

Region: KANSAS License Number: API #15-063-22,103 Drilling Completed: 25 APR 2013 Spud Date: 15 APR 2013

Surface Coordinates: 600' FSL & 1,140' FEL

Bottom Hole deviation surveys: 0.5 degree @ 220, 1.0 degree @ 3,977,

Coordinates:

1.0 degree @ 4,670

Ground Elevation (ft): 2,879

K.B. Elevation (ft): 2,884 Total Depth (ft): 4,670

Logged Interval (ft): 3,500 To: 4,670 Formation: WABAUNSEE to MISSISSIPPIAN

Type of Drilling Fluid: CHEMICAL; displace @ 3,358

Printed by WellSight Log Viewer from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: Ritchie Exploration, Inc.

lic. #4,767

Address: P.O. Box 783188

Wichita, Kansas 67278-3188

GEOLOGIST

Name: Ted Jochems, Jr. **Company: Consulting Geologist** Address: 212 North Market ste 517 Wichita, Kansas 67202

COMMENTS

CONTRACTOR: W W Drilling, rig #6

(Jason Richeson, toolpusher)

MUD: Mud-Co (Reid Atkins)

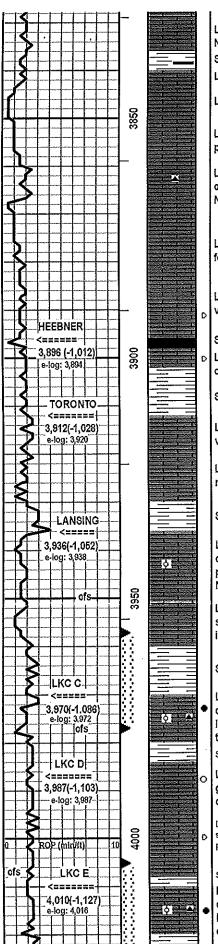
DRILL STEM TESTS: Trilobite Testing (Brandon Turley)

ELECTRIC LOGS: Nabors Services (Mitch Rupp)

DIL, CDL/CNL

SURFACE CASING: 8.625" @ 220

PRODUCTION CASING: 5.5" run to Mississippian



LS: It gry, microxtin, cal floodd, loc abt relict forams. no vis por. NS

SH: gry to blk, argil, loc micac, loc carb.

LS: gry, microxtin, wkly cal floodd. no vis por. NS

LS: wht, chalky, mushy, poor vis por. NS

LS: tan to it gry, microxtin, wkly cal floodd, loc chalky, loc col. poor vis por. NS

LS: pale gry to wht, microxtin, cal floodd, loc silofd to cht (it gry, cryptxtin, sil vnits, fusulinids & other relict fossis). v poor vis por. NS

LS: wht to tan, crypt-microxtin, pelletal, loc v chalky (mushy), relict fossis (incl bivalves). poor vis por. NS

LS: tan, microxtin, chalky, loc wkly cal floodd, relict fossis. poor vis por. brn stns & flakes (no odor, no cut, VSSG on brk), NSO

SH: blk, carb, micac, calc.

LS: It brn, microxtin, cal floodd. no vis por. minor brn stns (no odor, no cut), NSO

SH: gry, argil, silty, plant fragments.

LS: gry, microxtin, cal floodd, chalky partings, wk cal crusts. no vis por. NS

LS: off wht to pale gry, microxtin, cal floodd, loc chalky, loc sil. no/poor vis por. NS

SH: red-brn > It grn, earthy hematite, silty.

LS: wht to pale gry, microxtin, chalky, loc cal floodd, loc col, wk cal crusts, fusulinids, relict bivalves, specular hematite. poor vis por, scarce isolated vugs. 1 pc w/ wk brn stn (no odor, no cut), NSO

LS: pale gry, microxtin, cal floodd, chalky partings, minor py, loc silofd to cht (pale gry, cryptxtin, fossi). no intxtin por, minor isolated vugs. 1 pc w/ brn stn on fracture (no odor, no out), NSO

SH: gry & red-brn, argil, earthy hematite, loc sl slity.

LS: pale gry, it brn & tan, microxtin, cal floodd, loc ool, pyr, loc druzy cal & wk cal crusts, loc sil, chalky @ base. poor intxtin por, loc fair intool por. fair SO (dk brn, no odor, good flash cut, patchy to satd brn dry stn, VSSG)

SH: grn & red-brn, loc silty mixed oxidation: abt py & earthy hmt.

LS: wht to orm, microxtin, cal floodd, chalk partings, loc relict grainst. poor vis por. minor brn stns (no odor, no cut). some questionable show pos @ top (?cavings?)

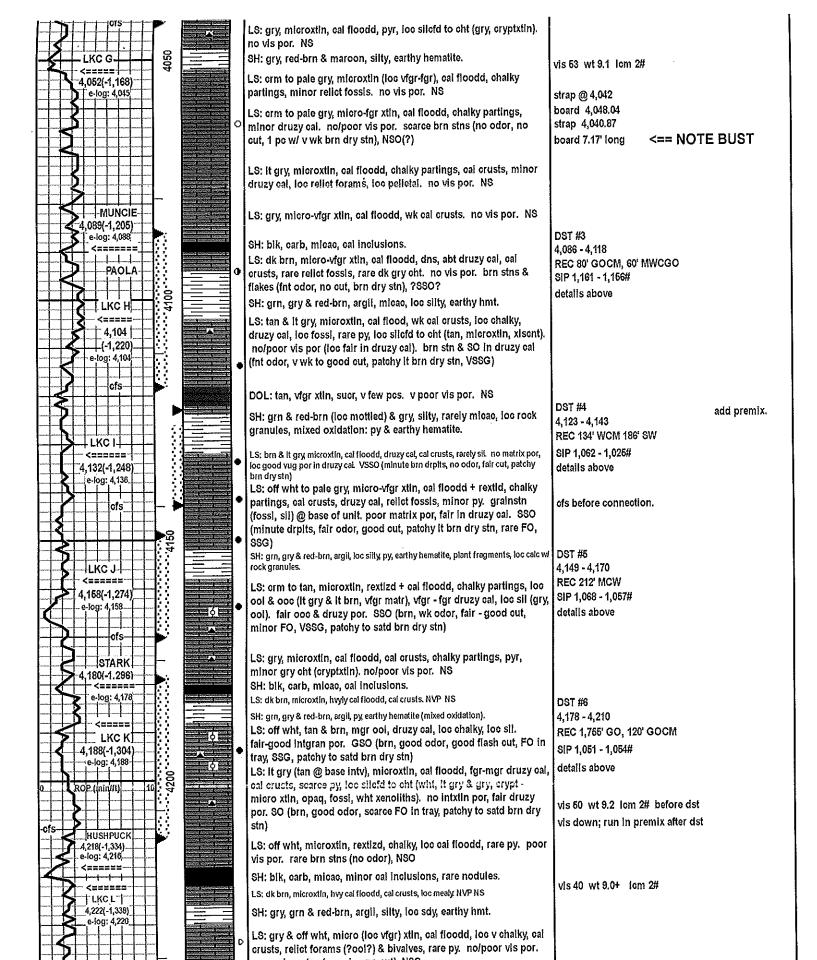
LS: crm to it gry, microxtin, cal floodd, wk cal crusts & druzy cal. no intxtin por, scarce isolated vugs. minor brn stns (no odor, no cut, scarce patchy brn dry stn), 1 pc poss v wk SO (v slow wk cut, patchy brn dry stn), NSFO

SH: grn & red-brn, loc slity earthy hematite.

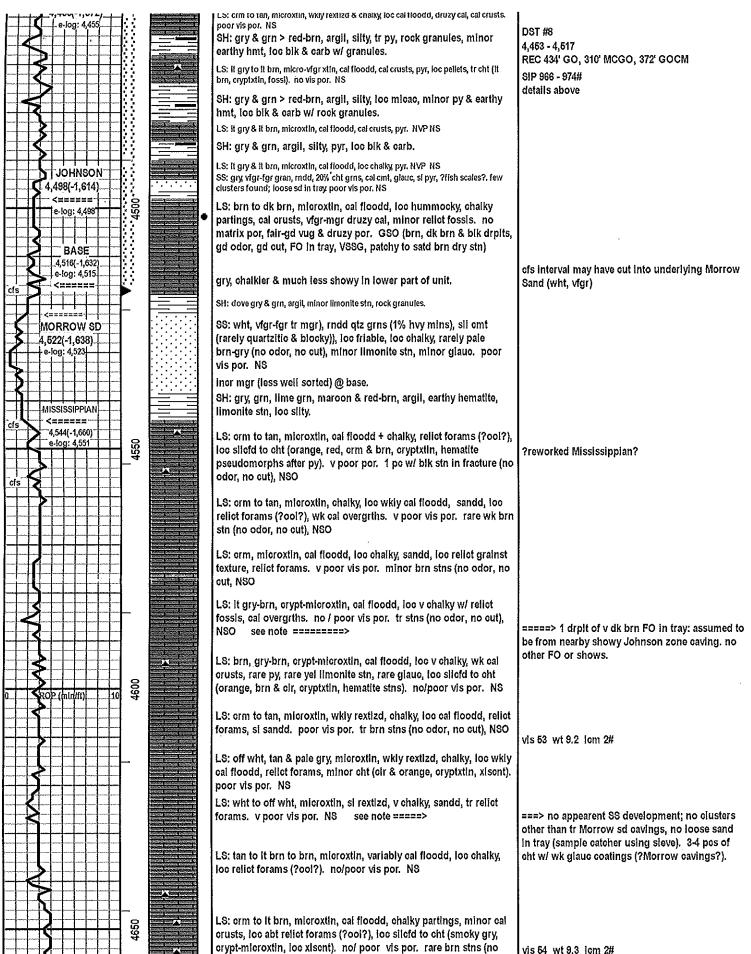
LS: It brn & It gry, microxtin, eal floodd, loc ool, eal crusts, druzy eal, loc silefd to cht (orange, brn & wht, crypt-microxtin, fossi, hematite, sil vnits). no intxtin por, poor-fair vug por. SSO (minute dk brn drpits, wk odor, good cut, patchy to satd brn dry stn, SSG)

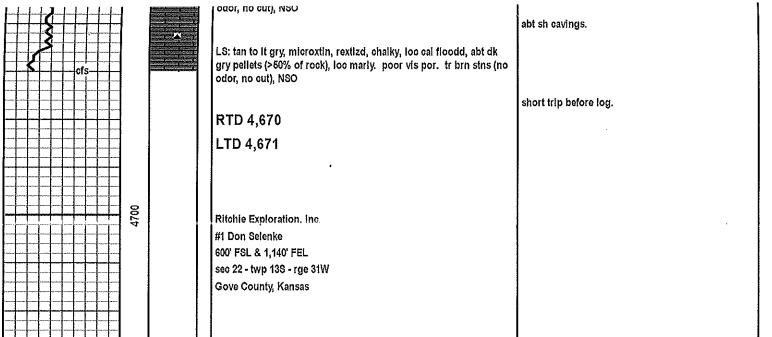
DST #1 3,957 - 3,977 REC 93' GO, 248' MCW SIP 1,137 - 1,122# details above

DS1 #2 4,005 - 4,042 REC 794' GO, 992' MCGO, 186' MWCGO, 1,322' GIP SIP 1,188 - 1,177# detalls above



Shi: gm, gry & red-orn, earmy nematite, argil, sirty, pyr, rock grantines. Stringer(s) or SLTST (grn, argil loc sdy, v poor por, NS) LS: gry & brn, microxtin (loc vfgr xtin), cal floodd, cal crusts, scarce druzy cal (mgr), minor relict forams. no vis por. tr wk brn stns (no odor, no cut), NSO SS: gry to brn, vfgr gran, rndd, cal cmt, minor rndd rock grns (tr MARMATON | <=====| 4,276(-1,392) mgr), plant fragments. v poor por. NS LS: off wht, tan & pale gry, microxtin, cal floodd, chalky partings, 1,276(-1,392) minor cal crusts & druzy cal, relict forams & bivalves. no/poor vis e-log: 4,266 por. NS run in treated pick-up mud LS: off wht to brn, microxtin, cal floodd, chalky partings, wk cal crusts, rare cht (tan, cryptxtln). no/poor vis por. rare brn stn (no odor, no cut), NSO SH: gry, grn & red-brn, argil, earthy hematite, loc micac, loc sdy, rare py, loc bik & carb. ALTAMONT-<===== LS: off wht to tan, microxtin, cal floodd, chalky partings, cal crusts, 4,302(-1,418) druzy cal. no/poor vis por. NS e-log: 4,307 SS: gry, vfgr gran, cal cmt, rndd, cal crusts, plant fragments. v poor por. NS LS: off wht, gry, brn & tan, microxtln, cal floodd, chalky partings, Ò. loc ool, cal crusts, loc earthy hematite & limonite stn. no/poor vis por, tr brn stn (no odor, no cut), NSO vis 56 wt 9.1 icm 3# SH: gry, grn & red-brn, argil, silty, earthy hematite, tr py. LS: off whit to tan, microxtin, cal floodd, chalky partings, cal crusts, loc abt forams, minor earthy hmt, abt silcfcn to cht (off wht, tan & orange, cryptxtin, xiscnt, rare ALTAMONT B bryozoans). nolpoor vis por. rare wk brn stns (no odor, no cut, VSSG on brk), NSO SLTST: gry-grn, argil, v friable, plant fragments. NVP NS SH: grn, gry & red-brn, argil, silty, earthy hmt, loc micac. LS: crm & gry, microxtin, cal floodd, chalky partings, minor cal vis 54 wt 9.2 lcm 2# crusts, loc silefd to cht (tan & gry, cryptxtin, xisent). v poor por. LS: gry, micro-vfgr xtin, wkly cal floodd, sandd, v poor por. NS LS: crm, microxtin, si cal floodd, chalky, poor vis por. NS SLTST: gry, v argil, v friable. poor vis por. NS SH: gry, grn & red-brn, argil, micac, minor earthy hematite & yel PAWNEE. limonite stn. <======-4,378 LS: wht, microxtin, wkly cal floodd, chalky, loc silefd to cht (wht, -(-1,494) opaq, fossi). v poor vis por. NS e-log: 4,373 LS: brn & gry, microxtin, cal floodd, cal crusts, druzy cal, loc col, abt silefon to oht (brn & gry, crypfxtln). NVP NS SH: blk, carb, micac, cal inclusions. LS: dk brn, microxtin, hvyly cal floodd, wk cal crusts, loc mealy, loc silcfd to cht (dk DST #7 brn, cryptxtin, fossi). no vis por. NS 4,395 - 4,436 -MYRICK-SH: grn > red-brn, argil, minor earthy hematite. REC 244' MCGO <====== SIP 884 - 884# ,408(-1,524) LS: crm, microxtin, rextizd, chalky, druzy cal, cal crusts, loc silefd e-log: 4,408 details above to cht (wht, brn, gry & blue, cryptxtin, fossi). poor vis matrix por, poor-fair druzy por. few pos VSSO (amber, no odor, wk-fair out, patchy-satd brn dry stn. SH: blk, carb, micac, cal inclusions. FT SCOTT_ LS: gry to off wht, microxtin, cal floodd, chalky partings, cal crusts, <====== 15 stand short trip before dst minor py, loc silofd to cht (gry & wht, cryptxtln, xenofiths, relict 十4,428 十 <u>×</u> fossis). no/poor por. brn & blk stns & flakes, subtle SSO (no odor, [(-1,544) e-log; 4,430 no cut, 3 drpits FO, wk patchy brn dry stn, VSSG) φ LS: brn & off wht, microxtin, mildly cal floodd, loc rextizd & chalky, loc ool, wk cal crusts, rare py, loc silefe to oht (brn & it gry, microxtin, fossi). no/poor vis por. NS





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