KOLAR Document ID: 1515242

Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

Form ACO-1
January 2018
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.:		
Name:	Spot Description:		
Address 1:			
Address 2:	Feet from North / South Line of Section		
City:	Feet from East / West Line of Section		
Contact Person:	Footages Calculated from Nearest Outside Section Corner:		
Phone: ()	□ NE □NW □SE □SW		
CONTRACTOR: License #	GPS Location: Lat:, Long:		
Name:	(e.g. xx.xxxxxx) (e.gxxx.xxxxxx)		
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84		
Purchaser:	County:		
Designate Type of Completion:	Lease Name: Well #:		
New Well Re-Entry Workover	Field Name:		
	Producing Formation:		
☐ Oil ☐ WSW ☐ SWD	Elevation: Ground: Kelly Bushing:		
☐ Gas ☐ DH ☐ EOR	Total Vertical Depth: Plug Back Total Depth:		
☐ OG ☐ GSW	Amount of Surface Pipe Set and Cemented at: Feet		
CM (Coal Bed Methane)	Multiple Stage Cementing Collar Used? Yes No		
Cathodic Other (Core, Expl., etc.):			
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: sx cmt.		
Original Comp. Date: Original Total Depth:			
☐ Deepening ☐ Re-perf. ☐ Conv. to EOR ☐ Conv. to SWD	Drilling Fluid Management Plan		
☐ Plug Back ☐ Liner ☐ Conv. to GSW ☐ Conv. to Producer	(Data must be collected from the Reserve Pit)		
Commingled Permit #:	Chloride content:ppm Fluid volume:bbls		
Dual Completion Permit #:	Dewatering method used:		
SWD Permit #:	Location of fluid disposal if hauled offsite:		
☐ EOR Permit #:	Location of fluid disposal if fladica offsite.		
GSW Permit #:	Operator Name:		
_	Lease Name: License #:		
Spud Date or Date Reached TD Completion Date or	QuarterSecTwpS. 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 Drill Stem Tests Received
Geologist Report / Mud Logs Received
UIC Distribution
ALT I II III Approved by: Date:

KOLAR Document ID: 1515242

Page Two

Operator Name: _				Lease Name:			Well #:	
Sec Twp.	S. R.	E	ast West	County:				
	flowing and shu	ut-in pressures, v	vhether shut-in pre	ssure reached st	atic level, hydrosta	tic pressures, bot		val tested, time tool erature, fluid recovery,
Final Radioactivity files must be subm						iled to kcc-well-lo	gs@kcc.ks.gov	v. Digital electronic log
Drill Stem Tests Ta			Yes No			on (Top), Depth ar		Sample
Samples Sent to 0	Geological Surv	/ey	Yes No	Na	me		Тор	Datum
Cores Taken Electric Log Run Geologist Report / List All E. Logs Ru	_		Yes No Yes No Yes No					
		B	CASING eport all strings set-c		New Used	ion, etc.		
Purpose of Strir		Hole illed	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
			ADDITIONAL	CEMENTING / SO	UEEZE RECORD			
Purpose:		epth T Bottom	ype of Cement	# Sacks Used		Type and F	Percent Additives	
Perforate Protect Casi Plug Back T								
Plug Off Zor								
Did you perform a Does the volume Was the hydraulic	of the total base f	fluid of the hydrauli		_	=	No (If No, sk	ip questions 2 an ip question 3) out Page Three	,
Date of first Product Injection:	tion/Injection or R	esumed Production	Producing Meth	nod:	Gas Lift 0	Other (Explain)		
Estimated Production Per 24 Hours	on	Oil Bbls.					Gas-Oil Ratio	Gravity
DISPOS	SITION OF GAS:		N	METHOD OF COMP	LETION:			DN INTERVAL: Bottom
	Sold Used	I on Lease	Open Hole			mmingled mit ACO-4)	Тор	BOROTT
,	,			B.11 B1				
Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid,	Fracture, Shot, Cer (Amount and Kind	menting Squeeze I of Material Used)	Record
TUBING RECORD:	: Size:	Set	Δ+-	Packer At:				
TODING RECORD:	. 3126.	Set	n.	i donei Al.				

Form	ACO1 - Well Completion	
Operator	James P. Williams Enterprises, Inc.	
Well Name	ROLL WILLIAMS 1	
Doc ID	1515242	

All Electric Logs Run

Dual Induction Log
Radiation Guard Log
Compensated Density Neutron Log
Micro Resistivity Log
Cement Bond Log

Form	ACO1 - Well Completion	
Operator	James P. Williams Enterprises, Inc.	
Well Name	ROLL WILLIAMS 1	
Doc ID	1515242	

Tops

Name	Тор	Datum
Anhydrite	1568	+625
Base of Anhydrite	1606	+587
Topeka	3156	-963
Heebner	3371	-1178
Toronto	3389	-1196
Lansing	3413	-1220
Base Kansas City	3636	-1443
Simpson	3720	-1527
Arbuckle	3754	-1561
TD	3850	-1655

Form	ACO1 - Well Completion	
Operator	James P. Williams Enterprises, Inc.	
Well Name	ROLL WILLIAMS 1	
Doc ID	1515242	

Perforations

Shots Per Foot	Perforation Top	Perforation Bottom	BridgePlugTyp e	BridgePlugSet At	Material Record
4	3388	3393			Simpson zone squeezed off twice, 200 sacks Common 2% CC 2% Sand, & 50 sacks Common 2% CC, 150 gals 10% MCA Acid (3731 - 3733)
4	3414	3418			Toronto to Kansas City K Zone communicate d, acidized all at once with 2000 gals 20% MCA & 3500 gals of 20% NEFE (3388 - 3604)
4	3452	3456			Arbuckle acidized with 150 gals 15% MCA
4	3468	3473			
4	3498	3503			
4	3548	3552			
4	3566	3571			

Form	ACO1 - Well Completion	
Operator	James P. Williams Enterprises, Inc.	
Well Name	ROLL WILLIAMS 1	
Doc ID	1515242	

Perforations

Shots Per Foot	Perforation Top	Perforation Bottom	BridgePlugTyp e	0 0	Material Record
4	3600	3604			
4	3755	3756			

Form	ACO1 - Well Completion	
Operator	James P. Williams Enterprises, Inc.	
Well Name	ROLL WILLIAMS 1	
Doc ID	1515242	

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	12.25	8.625	23	221	Common/ PozMix	150	3% CC 2% Gel
Production	7.875	5.5	17.5	3848	Common		10% Salt, 5% Gilsonite, 500 gals Mud Clear

Phone 785-483-1071 Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 1965

Date 3-16-20 9	. Twp.	Range	Rooks.	State K 5	On Location	Finish 10iosp			
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	=4	ruo lega, m, mi	To Quality (Oilwell Cementing, In	CHARLET VILSORE TRAINE	ed Berle Iberinco			
Type Job Surface	arty aver 64		cementer a	reby requested to ren and helper to assist o	nt cementing equipment wner or contractor to d	nt and furnish o work as listed.			
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Csg. 8-5/8	Depth	221	Street	Control, the prevails	S akt to met art of g	amelied vew vite			
Tbg. Size		City		State	a mue okianoasan				
Tool	Depth	ne to trock sin	The above w	vas done to satisfaction	and supervision of jowne	r agent or contractor.			
Cement Left in Csg. 10	oint	Cement Am	nount Ordered/50	8/20 3/.00	21.652				
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Bulktrk No. Driver 1/	M	EU FIGNOTEU	Gel. 3		NON CHARGES: If a	ARAT BELL			
Bulktrk 15 No. Driver Lav	1CE	O YO DOLLUM	Calcium (ON SOURDING OF THE ENGINEERS OND FORMER WAS INDICATED. THE DISTRIBUTED					
JOB SERVICE		RKS	Store Hulls						
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Rat Hole	ja vaj eras. Barta ternis	ag ann aiche sa ag Caeibheatas	Flowseal	a doj sali to sonedalo	a salating from the part	samab to seel to			
Mouse Hole	any and a	laniaga bna na	Kol-Seal	Tegs importo di Y	ILIAUD seekman No.	пку, селени, алуш			
Centralizers	ihi ƙasal sa	man time of trine		Mud CLR 48					
Baskets				CFL-117 or CD110 CAF 38					
D/V or Port Collar	400000	er seur duvices	Sand		i se nostreo desellog Ti iat iC delle paiman	a clas to tro oni			
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Phone 785-483-1071 Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 1969

Date_3-2(-20	Sec.	Twp.	Range	//	County	State K 5	On Location	Finish		
Date 3-21-20		10	12				2 - 2 - 2 -	5.3		
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Lease Willi	iams	ei yua 1	Well No. I	nei les rem ed	Owner To Quality	Oilwell Cementing,	Inc	Acide (e.g. et Memble 8 ed likust tos ando		
Contractor), Serve	N#4	-10	2) Stage	id ou t	You are he	reby requested to r	ent cementing equipmen	nt and furnish		
Type Job DV 30D	ins link	Vin en	VEAT BY BRO	B Hilly	Charge —		owner or contractor to c	lo work as listed.		
Hole Size	a all parting	T.D.	38.50	ei/ieq i	To _	Sames P.	Williams Ente	rprizes		
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Mouse Hole 155K	isto "	TO WILL D	enisps or a traff	LE LENGT	Kol-Seal					
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Sec	c. Tw	p. Range		County	State	On Location	Finish	
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Type Job DU SOB	lariq vesi	LAEVIAN BRID		cementer an	nd helper to assist or	wner or contractor to c	lo work as listed.	
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Signature W	IN	ed more i lidyil	AN THE EAST	toi e-ti di liona	ODE THE WALL	Total Charge	Lizuo en le le	

Phone 785-483-1071 Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

	Sec.	Twp.	Range		County	State	On Location	Finish		
Date 3-31-20				M	0K3	KS		The sostate		
				Location	on Mayor	IP 25 HARD	21/2w 1500	HUEN EN		
Lease Kell (a) 1	hem s		Well No.	A	Owner					
Contractor Torss				· 網技術	To Quality O	lwell Cementing, Inc.	comenting equipment	and furnish		
Type Job. Sy 9029					You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.					
Hole Size 57/8		T.D.			Charge To	James D.	Williams	and the second s		
Csg. 5/5/1>#		Depth		73	Street	· · · · · · · · · · · · · · · · · · ·				
Tbg. Size 27/8		Depth			City		State	on the companies of a second		
Tool X Den 1/home	or x	Depth			The above wa	s done to satisfaction ar	nd supervision of owner	agent or contractor.		
Cement Left in Csg.	elteanti (el	Shoe J	oint		Cement Amo	ount Ordered	eni Frec			
Meas Line		Displac	e			and the second second	2 \$50	ndre som		
· Como	EQUIPM	/			Common					
Pumptrk No. Ceme Helpe	r	55			Poz. Mix					
Bulktrk No. Driver					Gel.					
Bulktrk 15 No. Driver		9			Calcium					
JOB SE	RVICES	& REMA	RKS	1000	Hulls			the state of the state of		
Remarks:			ter in 1974, which	9 4 4	Salt					
Rat Hole					Flowseal					
Mouse Hole					Kol-Seal					
Centralizers				67	Mud CLR 48					
Baskets					CFL-117 or CD110 CAF 38					
D/V or Port Collar		49400			Sand					
Phn 3748	J3.7	4	15007		Handling					
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A CONTRACTOR Y										

Phone 785-483-1071 Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 1976

	Sec.	Twp.	Range	0	County	State	On Location	Finish	
Date 4.1.20			and the mains and	Koo	KS	KS.		7,000-	
				Location	on Plain	Wille 25 AMPU	2/2W 15Rd	3/40 Em	
Lease Fant Willia	anis-	s age.	Well No.	ol ba	Owner	with the vote of the year	T WELLE TOUGHE OF	en eries in	
Contractor Sylvess				anti set	To Quality Oi You are here	lwell Cementing, Inc.	cementing equipment	and furnish	
Type Job Source				e nem	cementer and	d helper to assist own	er or contractor to do	work as listed.	
Hole Size	T.D.			Charge To	ames P.W	Mans .	THE TOTAL SHIP THEN		
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Tbg. Size 278		Depth			City		State	must okcustow him	
Tool & Per Norn	nart :	Depth		iz listeli	The above wa	s done to satisfaction ar	d supervision of owner	agent or contractor.	
Cement Left in Csg. Shoe Joint				PALED 1	Cement Amo	ount Ordered	SH 7/100		
Meas Line		Displac	е	ing at		veacoso (e.e. vogés)	nach (znace)		
	EQUIPM			4. 3.00	Common			ations of Larys	
Pumptrk Helper	r	aria .			Poz. Mix		est		
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JOB SE	RVICES	& REMA	RKS	A STATE OF	Hulls	Vermitore extinction has		na nava menuda	
Remarks:	. 4			1100	Salt				
Rat Hole		+ Ay - Test		1 4 15 7	Flowseal				
Mouse Hole	1917				Kol-Seal				
Centralizers			<u> </u>	9 th, chy	Mud CLR 48	e granden e sant u		, , , , , , , , , , , , , , , , , , ,	
Baskets		-	V Luce her 1977	James to	CFL-117 or CD110 CAF 38				
D/V-or Port Collar				irisacta.	Sand		era de Agranda de Arma	ante de ligion	
FRV 3>3					Handling			STATE OF THE STATE	
LANGE SO STATE	Indian salah salah	(::::			Mileage				
Kare GRAD 2	0074			es.		FLOAT EQUIPME	NT	rea one official	
MIX9U 50	DSIE	(20)	10,200 to 12	221	Guide Shoe				
Wash arond	100	1. apo	11 2,0hts)	Centralizer			THE STATE OF THE PARTY OF THE P	
- Meting	1200	#		4.874	Baskets			· 1011/27 35/25/50	
The man				en en	AFU Inserts			CHARLES TO ATTACHED	
	05k	- 1	$\langle \zeta \rangle$		Float Shoe			The state of the s	
				Files	Latch Down				
			he water with	arine in	ak usides.		anii Part, dan		
					Pumptrk Cha	ırge			
7		1			Mileage	The production of the second	Tax	am to tack age.	
1/1	/ /			Pi Teach	and the first of the	ACTION STATE	To Vincent and Vot	NAME OF THE	
x (////	1	1)		ostopak L	Sins Littles in		Discount	ti car asettu Y.	
Signature	my	4.		Pi de ur	and Aclaham		Total Charge	Ti Guerana Prisa	



SW NW NW Sec. 9 T10s R18w Rooks County, Kansas

Geologic Report

Drilling Time and Sample Log

Operator Jame	es P. Wi	lliams H	Enterpr	ises, Inc.	KB EI	evation 2193'
Lease Roll W	illiams		No.	1 .	DF GL	2185'
API # 15-163 -	Casin Surface	ng Record 8 5/8" @ 221'				
Field William	s					n 5 1/2" @ 3848'
Location 986'		2085 sks QMDC 2085 cal Surveys				
Sec. 9	CNL/CDL, DIL, MEL					
County Ro	oks	State	Kai	nsas		
Formation	Sample tops		Lo	Log Tops		Struct Com
Anhydrite	1566'		1	1568'		+622+3
Base	16	11'	1606'		+587	
Торека	31	59'	3	3156'	-963	-961 -2
Heebner	33	74'	3	3371'		-1176 -2
Toronto	33	92'	3	3389'	-1196	-1194 -2
Lansing	34	16'	3	3413'	-1220	-1218 -2
BKC	36	39'	3	3636'	-1443	-1444 +1
Simpson	37	26'	3	3720'	-1527	-1522 -5
Arbuckle	37	3759'		3754'		-1554 -7
Total Depth	38	350'	3	3848'	-1655	
				11 000 1 1 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1		- 12 22 RY w
Reference Well For	Structural (Compariso	n Art Holi	day Oil H. W	l illiams #1	

Drilling Contracto	r	Discovery	Drilling Co., Ir	nc. Rig #4	
Commenced	3-16-2020		pleted	3-22-2020	
Samples Saved Fro	om	3100'	То	RTD	
Drilling Time Kep	t From	3100'	То	RTD	
Samples Examined		3100'	То	RTD	
Geological Superv	ision From	3100'	То	RTD	

Displacement

3000'

Mud Type

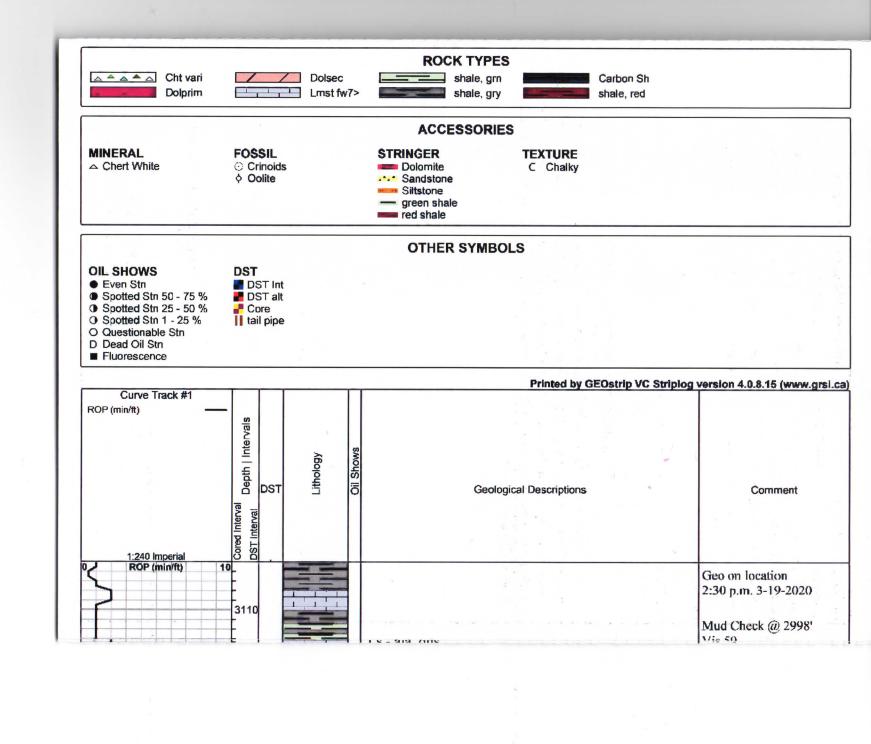
Chemical

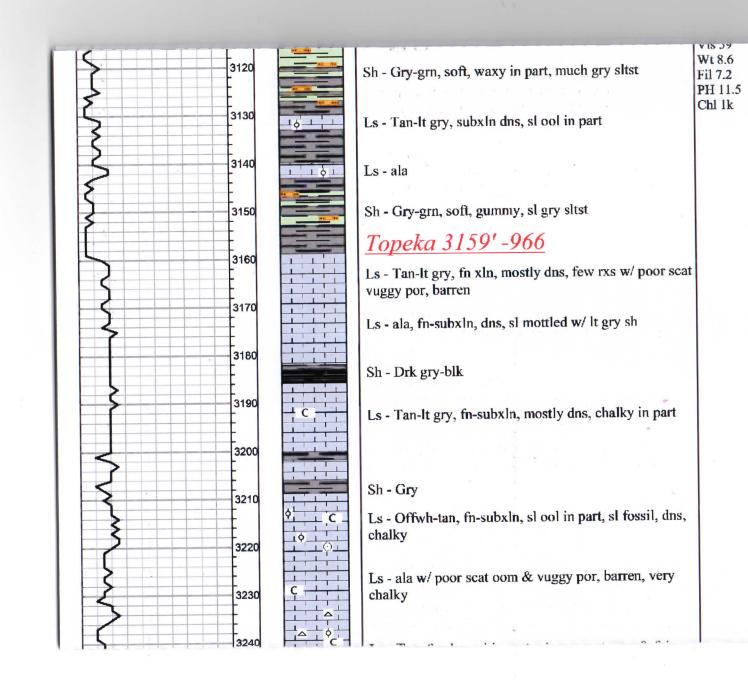
Summary and Recommendations

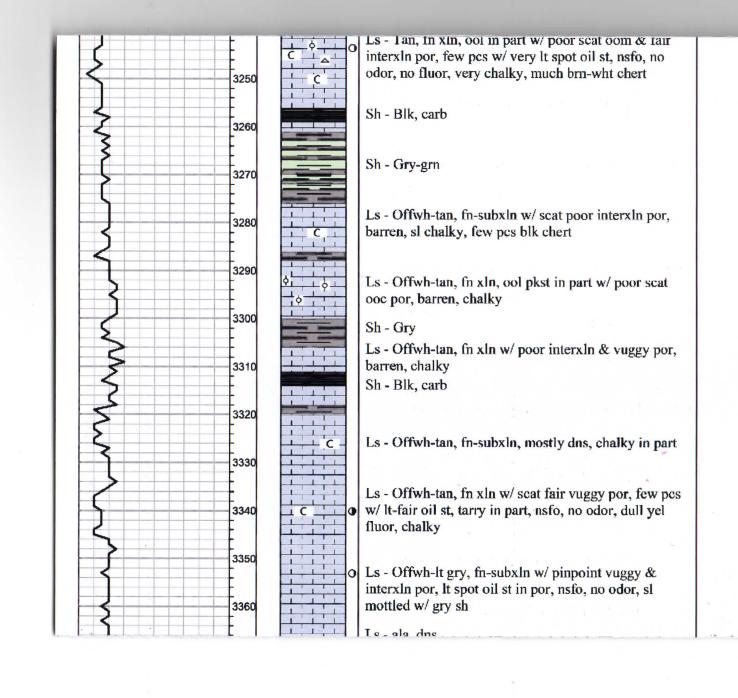
The location for the Roll Williams #1 was found via subsurface study. The new well ran structurally slightly lower than expected via the survey. No Drill Stem Tests were conducted. After all gathered data had been examined the decision was made to run 5 1/2 inch production casing to further evaluate the Roll Williams #1 well.

Respectfully Submitted,

Jason T Alm Hard Rock Consulting, Inc.







Sh - Blk-gry-brn-grn when broken & on cup, it odor, dull-fair yel fluor por, it-scat fair oil st w/ it sat in med xtals, sl sfo free 3480 o interxln & vuggy por, few pes w/ pinpoint intra-fossil of Ls - Tan-lt gry, fn-med xln, sl fossil w/ poor-fair Sh - Gry-brn 3460 fair oil st in por, nsfo, v lt odor, dull yel fluor Ls - Offwh, fin xlin, ool pkst in part w/ poor ooc por, lt-3420 Sh - Gry-brn Shert Drk gry-blk 3440 oil st in por, nsfo, no odor, v dull yel fluor, much tan • Ls - Tan, fin xin, ool w/ poor ooc & vuggy por, it-fait 3430 odor, it yel fluor interxin por, it-scat fair oil st, si sfo when broken, v it 28 moo rifah w fair ooi in part w/ fair oom & £221-'014£ gaisab.1 3410 Sh - Gry-brn yel fluor 3400 fair oil st w/ It spot sat, al sfo when broken, It odor, It Ls - Tan, fin xln w/ poor-fair interxln & vuggy por, lt-Toronto 3392'-1199 3390 Sh - Gry, grn 3380 Sh - Blk, carb Heebner 33741-1181 fit a Class III & Candina Lea

Isto when broken & on cup. fair odor, fair vel fluor poor-fair interxln por, lt-good oil at w/ scat even sat, Ls - Offwh-tan, fin xln, ool in part w/ poor oom & Sh - Gry 3600 Sh - Blk, carb odor, it yel fluor por, it-fair oil st w/ v scat it sat, sfo when broken, fair Ls - Tan, fn xln, ool w/ poor ooc & scat fair interxln 3280 yel fluor good oil st, few pes w/ fair even sat, fsto, fair odor, lt Ls - Tan, fin xln, ool w/ poor-fair ooc & interxln por, lt-3570 Sh - Gry 3260 odor, scat dull yel fluor pinpoint interxln por, it spot oil st in por, nsfo, no Ls - Tan, fn-subxln, fossil w/ poor intra-fossil & Яр - Олу-Ьт 3240 Sh - Blk, carb 3230 Ls - ala, dns barren, chalky 3220 Ls - Offwh, fn-subxln, ool w/ poor seat ooc por, dull-fair yel fluor, chalky in part. 3510 por, it-scat fair oil st, al sto when broken, fair odor, Ls - Tan-offwh, fin xln, ool in part w/ fair ooc & vuggy oil at in por, nafo, no odor, dull yel fluor Ls - Tan, fn-subxln, ool in part w/ poor ooc por, lt spot

Dolo - ala, fn-med xln w/ poor-scat fair vuggy por, s mottled w/gm sh Dolo - Tan-lt yel, fin-subxln w/ poor-scat sair, gaso, it odor, por, it-heavy oil st, many rxs w/ good sat, gaso, it odor, 0578 0881-1857E nosqmi2 3720 Chert - ala 3710 Chert - ala, much grn-brn sh no fluor pinpoint vuggy por, dead oil at in por, nsfo, v lt odor, Chert - Multicolored, mostly fresh, many pes w/ seat 0298 Chert - ala 0998 pinpoint vuggy por, dead oil st in por, nsfo, lt odor, no Chert - Multicolored, mostly fresh, many pes w/ scat 3650 CPI 1K 2p - Brn-gry-grn 0.01 Hq 3640 Fil 7.2 0.6 JW por, it spot oil at in por, hafo, no odor, mostly barren te siv Mud Check @ 3627' Ls - Tan, fin-subxin, ool in part w/ poor ooc & vuggy 3630 Sh - Blk, carb

3860 AAPG # 10134582 3850 Total Depth 3850'-1657 3-23-2020 mIA T nosel vuggy por, barren, much ool chert Submitted, 3840 Dolo - Tan-offwh, fin rhombicxln w/ fair interxln & Respectfully ∇ 3830 Dolo - ala ∇ ∇ Dolo - ala, barren 3820 ▽ vuggy por, v it spot oil st, mostly barren 3810 Dolo - Tan, fn-med rhombicxln w/ poor-fair interxln & sat, al sto on cup, fair odor, dull scat yel-grn fluor 3800 interxin & yuggy por, it-seat fair oil at in por, y it spot ∇ Dolo - Tan-offwh, fn-med rhombicxln w/ fair-good P fair odor, dull yel-grn fluor por, lt-scat fair oil st in por, few rxs w/ lt sat, sl-fsfo, ∇ Dolo - Tan, fn rhombicxln w/ poor interxln & vuggy 3780 Dolo - ala, no shale, fair-good oil st w/ fair scat sat dull yel-grn fluor, many rxs mottled w/ grn sh, possibly por, It-fair oil at w/ scat poor-fair sat, fsfo in sample & cup, Dolo - Tan, fin rhombic xln w/ poor-fair interxln & vuggy CES 3762' 3760 Arbuckle 3759' -1566 much dolo ala, mottled w/ gm sh CFS 3754" Sh - Turquiose-grn-brn, few Ss chisters w/ dead oil st, ■ fair-heavy oil st & sat, gsto, it odor, si mottled w/ grn