KOLAR Document ID: 1415292

Confiden	tiality Requested	1:
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

		DECODIDEIO		
WELL	HISTORY	- DESCRIPTIO	N OF WELL	& LEASE

OPERATOR: License #	API No.:			
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.xxxx) (e.gxxx.xxxx)			
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 Gas DH EOR	Elevation: Ground: Kelly Bushing:			
	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 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)			
	Chloride content: ppm Fluid volume: bbls			
Commingled Permit #:	Dewatering method used:			
Dual Completion Permit #:				
SWD Permit #:	Location of fluid disposal if hauled offsite:			
EOR 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 Reached TD Completion Date of 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: 1415292

Operator Nam	ne:			Lease Name:	Well #:
Sec	Twp	S. R	East West	County:	

Page Two

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 (Attach Additional Sheets)		Y	es 🗌 No			og Formatio	n (Top), Depth	and Datum	Sample
·		′es 🗌 No	Ν	lame	e		Тор	Datum	
Samples Sent to Geological Survey Cores Taken Electric Log Run Geologist Report / Mud Logs List All E. Logs Run:			 Yes No Yes No Yes No Yes No 						
		Repo	CASING I] Ne	w Used rmediate, productio	on, etc.		
Purpose of String	Size Hole Drilled		ze Casing tt (In O.D.)	Weight Lbs. / Ft.		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
			ADDITIONAL	CEMENTING /	SQU	EEZE RECORD			
Purpose: Depth Top Bottom Perforate		Туре	e of Cement	# Sacks Used		Type and Percent Additives			
 Did you perform a hydra Does the volume of the is Was the hydraulic fractu Date of first Production/Inj 	total base fluid of the h ring treatment informa	nydraulic fra tion submit	acturing treatment	al disclosure regis	-	Yes ns? Yes Yes	No (If No, s	kip questions 2 ar kip question 3) ill out Page Three	
Injection:			Flowing	Pumping		Gas Lift 🗌 O	ther <i>(Explain)</i>		
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wate	er Bb	ls.	Gas-Oil Ratio	Gravity
DISPOSITION	I OF GAS:		METHOD OF		IPLE	TION:			ON INTERVAL:
Vented Sold Used on Lease (If vented, Submit ACO-18.)			Open Hole Perf.		Dually Comp. Commingled (Submit ACO-5) (Submit ACO-4)		Bottom		
Shots Per Perforation Perforation Foot Top Bottom			Bridge Plug Type	Bridge Plug Set At		Acid,		ementing Squeeze	
TUBING RECORD:	Size:	Set At:		Packer At:					

Form	ACO1 - Well Completion
Operator	Raydon Exploration, Inc.
Well Name	ROCK 1-27
Doc ID	1415292

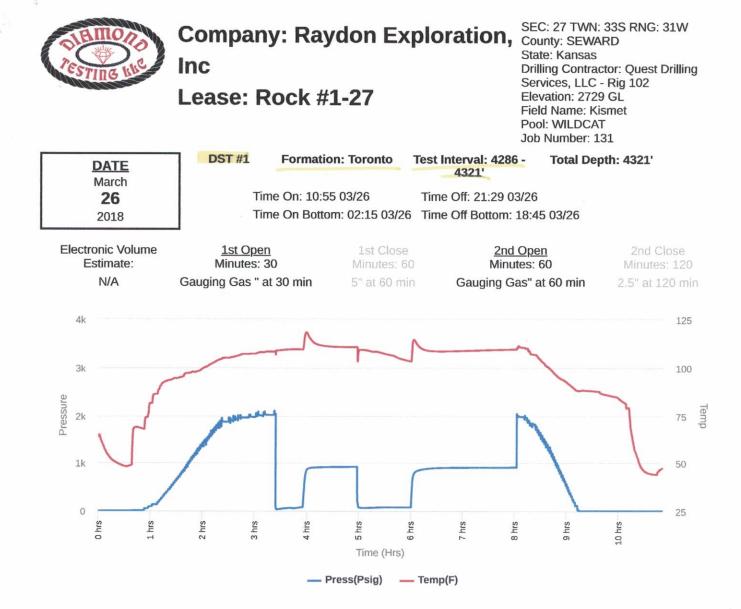
All Electric Logs Run

Spectral Density Dual Spaced Neutron Log
Microlog
Array Compensated True Resistivity Log
Annular Hole Volume Log
Borehole Compensated Sonic Log

Form	ACO1 - Well Completion
Operator	Raydon Exploration, Inc.
Well Name	ROCK 1-27
Doc ID	1415292

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Conductor	30	20	75	42	8 sk grout	150	N/A
Surface	12.25	8.625	24	1645	Class A- Con		2%CC,.25 # cellflake
Production	7.875	5.5	15.5	5846	A-Con, AA-2	340	1/4#poly,1 0%Gyp



ALA INCOR	Company Inc Lease: Ro		Explorat	ION, Cour State Drilli Serv Elev Field Pool	27 TWN: 33S nty: SEWARD e: Kansas ng Contractor: C rices, LLC - Rig ation: 2729 GL I Name: Kismet : WILDCAT Number: 131	Quest Drilling 102
DATE	DST #1	Formation: Toron	to Test Interv 432		Total Depth: 4	321'
March	Time	0-10-55 00/00	2007-200			
26		On: 10:55 03/26		21:29 03/26	00/00	
2018	lime	On Bottom: 02:15	03/26 Time Off I	Bottom: 18:45	03/26	
Recovered						
Foot BBL		otion of Fluid	Gas %	<u>Oil %</u>	Water %	Mud %
4066 57.07		G	100	0	0	0
5 0.02		М	0	0	0	100
110 0.54	27.500 STT	LOCM	0	1	0	99
70 0.34	44	Μ	0	0	0	100
Total Recovered: 4251 ft Total Barrels Recovered: 57.98734 Reversed Out NO					/ at a glance	
Initial Hydrostatic Pre	ssure 2025	PSI	50			
Initia	Flow 33 to 78	PSI	BBL			
Initial Closed in Pre	ssure 920	PSI	B 25			
Final Flow Pre	ssure 78 to 79	PSI				
Final Closed in Pre	ssure 906	PSI		Constant of the		
Final Hydrostatic Pres	sure 1991	PSI	0		Descurr	
Tempe	rature 119	°F			Recover	У
Pressure Change Close / Final		%	•	Gas 98.43%	Oil W 0.01% 09	ater 🔴 Mud % 1.56%

.

PESTING WE	Inc	y: Raydon Ex ock #1-27	cploration,	SEC: 27 TWN: 33S RNG: 31W County: SEWARD State: Kansas Drilling Contractor: Quest Drilling Services, LLC - Rig 102 Elevation: 2729 GL Field Name: Kismet Pool: WILDCAT Job Number: 131
DATE	DST #1	Formation: Toronto	Test Interval: 4286 4321'	- Total Depth: 4321'
March 26	Tim	ne On: 10:55 03/26	Time Off: 21:29 03	8/26
2018	Tim	e On Bottom: 02:15 03/2	6 Time Off Bottom: 1	8:45 03/26
REMARKS: Initial Flow: 1/2 in. blow	- increasing. BOB in	30 secs.		

Initial Shut-in: 5 in. blow back.

Final Flow: Blow increasing. BOB immediately.

Final Shut-in: 2 1/2 in. blow back.

Tool Sample: 2% oil, 98% mud

(Lower 70 ft. of recovery contained oil specks)



Company: Raydon Exploration, SEC: 27 TWN: 33S RNG: 31W County: SEWARD

Inc

Lease: Rock #1-27

SEC: 27 TWN: 33S RNG: 31W County: SEWARD State: Kansas Drilling Contractor: Quest Drilling Services, LLC - Rig 102 Elevation: 2729 GL Field Name: Kismet Pool: WILDCAT Job Number: 131

DATE	٦
March	
26	
2018	

DST #1	Formation: Toronto	Test Interval: 4286 - 4321'	Total Depth: 4321'
Tim	e On: 10:55 03/26	Time Off: 21:29 03/26	
Tim	e On Bottom: 02:15 03/26	Time Off Bottom: 18:45	03/26

Down Hole Makeup

Heads Up:	19.49 FT	Packer 1:	4280.5 FT
Drill Pipe:	4003.42 FT	Packer 2:	4286 FT
ID-3 1/2		Top Recorder:	4269.92 FT
Weight Pipe: ID-2 7/8	FT	Bottom Recorder:	4291 FT
Collars:	269 FT	Well Bore Size:	7 7/8
ID-2 1/4		Surface Choke:	1"
Test Tool: ID-3 1/2-FH Jars Safety Joint	34.07 FT	Bottom Choke:	5/8"
Total Anchor:	35		
	<u>Makeup</u> 1 FT		
Perforations: (top): 4 1/2-FH	3 FT		
Change Over:	FT		
Drill Pipe: (in anchor): ID-3 1/2	FT		
Change Over:	FT		
Perforations: (below): 4 1/2-FH	31 FT		

ALE MORA	Inc	y: Raydon Ex Rock #1-27	ploration,	County: SE State: Kans Drilling Con	as htractor: Quest Drilling LC - Rig 102 2729 GL :: Kismet CAT
DATE	DST #1	Formation: Toronto	Test Interval: 4286 4321'	- Total	Depth: 4321'
March 26		me On: 10:55 03/26	Time Off: 21:29 03		
2018	Tir	me On Bottom: 02:15 03/26	Time Off Bottom: 1	18:45 03/26	
		Mud Proper	ties		
Mud Type: Chemical	Weight: 9.2	Viscosity: 52	Filtrate: 8.8		Chlorides: 4,000 ppm

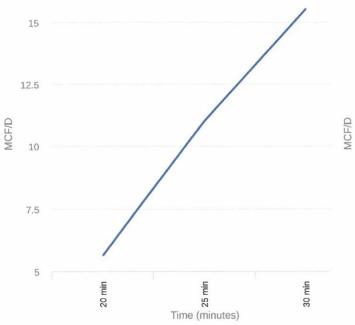
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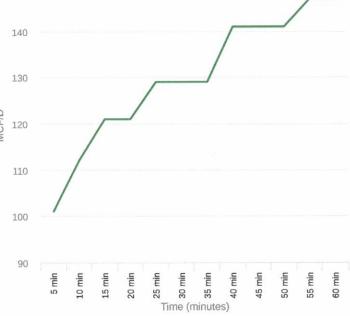
ALE TING WE	Inc	ny: Raydon Ex Rock #1-27	ploration,	County: SEV State: Kansa	is ractor: Quest Drilling C - Rig 102 '29 GL Kismet CAT
DATE March	DST #1	Formation: Toronto	Test Interval: 4286 4321'	- Total D	epth: 4321'
26 2018		ime On: 10:55 03/26 ime On Bottom: 02:15 03/26	Time Off: 21:29 03 Time Off Bottom: 1		

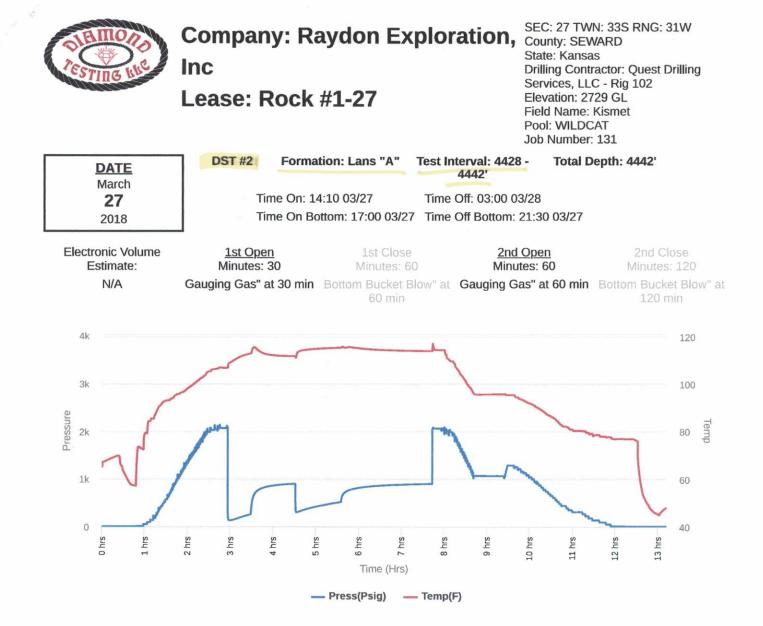
Gas Volume Report

Remarks: GTS 18 mins. into Initial Flow. Gas did burn.

	1st O	pen	2		2nd C	pen	
Time	Orifice	PSI	MCF/D	Time	Orifice	PSI	MCF/D
20	0.125	4.0	5.64	5	0.50	8.0	101
25	0.125	13	11.0	10	0.50	9.5	112
30	0.125	22	15.5	15	0.50	11	121
				20	0.50	11	121
				25	0.50	12	129
				30	0.50	12	129
				35	0.50	12	129
				40	0.50	14	141
				45	0.50	14	141
				50	0.50	14	141
				55	0.50	15	147
				60	0.50	15	147







resting the	Inc	v: Raydon E ock #1-27	Explorat	ION, Cou Sta Dril Ser Ele Fiel Poo	C: 27 TWN: 33S unty: SEWARD te: Kansas ling Contractor: 0 vices, LLC - Rig vation: 2729 GL ld Name: Kismet bl: WILDCAT Number: 131	Quest Drilling 102
DATE	DST #2	Formation: Lans "A"	Test Interva		Total Depth: 4	442'
March 27 2018		e On: 14:10 03/27 e On Bottom: 17:00 03	Time Off: (- 03:00 03/28	0 03/27	
Recovered	-					
Foot BBLS		ription of Fluid	Gas %	<u>Oil %</u>	Water %	Mud %
1810 25.756	3	G	100	0	0	0
2409 33.4049	93	0	0	100	0	0
175 0.861		HOCM	0	32	0	68
Total Recovered: 43 Total Barrels Recove	• • • •	Reversed Out NO		Recover	ry at a glance	
Initial Hydrostatic Pres	sure 2056	PSI				
Initial F		1 PSI	ي 20			
Initial Closed in Press	sure 896	PSI	188 20			
Final Flow Pres	sure 298 to 51	6 PSI				
Final Closed in Press	sure 896	PSI				
Final Hydrostatic Press	sure 2049	PSI	0		Reason	
Tempera	ature 116	°F			Recover	y.
Pressure Change Ir Close / Final C		%	•	Gas 42.91%		Vater 🛑 Mud 1% 0.98%

Pesting the	Inc	ny: Raydon Ex Rock #1-27	ploration,	SEC: 27 TWN: 33S RNG: 31W County: SEWARD State: Kansas Drilling Contractor: Quest Drilling Services, LLC - Rig 102 Elevation: 2729 GL Field Name: Kismet Pool: WILDCAT Job Number: 131
DATE	DST #2	Formation: Lans "A"	Test Interval: 4428 4442'	- Total Depth: 4442'
March	1	īme On: 14:10 03/27	Time Off: 03:00 03	3/28
2018	1	Time On Bottom: 17:00 03/2	7 Time Off Bottom:	21:30 03/27
REMARKS:				
Initial Flow: Strong blow	increasing. BOB	in 5 secs.		

Initial Shut-in: Blow increasing. BOB blow back in 10 mins. Final Flow: Strong blow increasing. BOB in 20 secs.

Final Shut-in: Blow increasing. BOB blow back in 11 mins. 45 secs.

Tool Sample: 96% oil, 4% mud

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Gravity: 38.7 @ 60 degrees F



Company: Raydon Exploration, SEC: 27 TWN: 33S County: SEWARD

Inc

Lease: Rock #1-27

SEC: 27 TWN: 33S RNG: 31W County: SEWARD State: Kansas Drilling Contractor: Quest Drilling Services, LLC - Rig 102 Elevation: 2729 GL Field Name: Kismet Pool: WILDCAT Job Number: 131

DATE	
March	
27	
2018	

DST #2	Formation: Lans "A"	Test Interval: 4428 - 4442'	Total Depth: 4442'
	Time On: 14:10 03/27	Time Off: 03:00 03/28	
	Time On Bottom: 17:00 03/27	Time Off Bottom: 21:30	03/27

Down Hole Makeup

Heads Up:	3.64 FT	Packer 1:	4422.5 FT
Drill Pipe:	4129.57 FT	Packer 2:	4428 FT
ID-3 1/2		Top Recorder:	4411.92 FT
Weight Pipe: ID-2 7/8	FT	Bottom Recorder:	4433 FT
Collars:	269 FT	Well Bore Size:	7 7/8
ID-2 1/4		Surface Choke:	1"
Test Tool: ID-3 1/2-FH Jars Safety Joint	34.07 FT	Bottom Choke:	5/8"
Total Anchor:	14		
Anchor Packer Sub:	<u>Makeup</u> 1 FT		
Perforations: (top): 4 1/2-FH	3 FT		
Change Over:	FT		
Drill Pipe: (in anchor): ID-3 1/2	FT		
Change Over:	FT		
Perforations: (below): 4 1/2-FH	10 FT		

ALBINORS PESTING INC	Company: Raydon Exp Inc Lease: Rock #1-27	ploration,	SEC: 27 TWN: 33S RNG: 31W County: SEWARD State: Kansas Drilling Contractor: Quest Drilling Services, LLC - Rig 102 Elevation: 2729 GL Field Name: Kismet Pool: WILDCAT Job Number: 131
DATE March	DST #2 Formation: Lans "A"	Test Interval: 4428 4442'	- Total Depth: 4442'
27	Time On: 14:10 03/27	Time Off: 03:00 03	3/28
2018	Time On Bottom: 17:00 03/27	Time Off Bottom: 2	21:30 03/27
	Mud Proper	ties	

Viscosity: 55

Filtrate: 8.0

Chlorides: 4,000 ppm

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Mud Type: Chemical Weight: 8.9



Lease: Rock #1-27

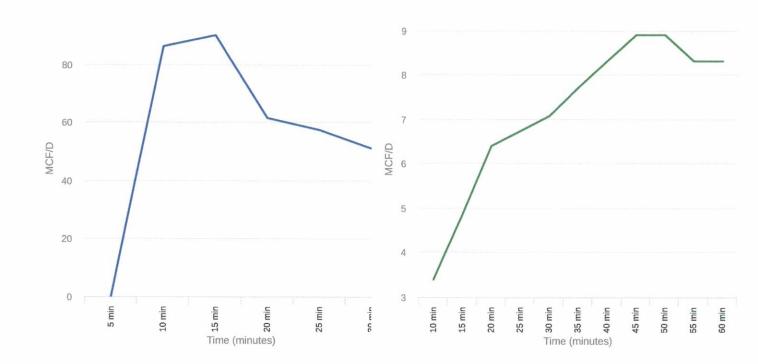
SEC: 27 TWN: 33S RNG: 31W County: SEWARD State: Kansas Drilling Contractor: Quest Drilling Services, LLC - Rig 102 Elevation: 2729 GL Field Name: Kismet Pool: WILDCAT Job Number: 131

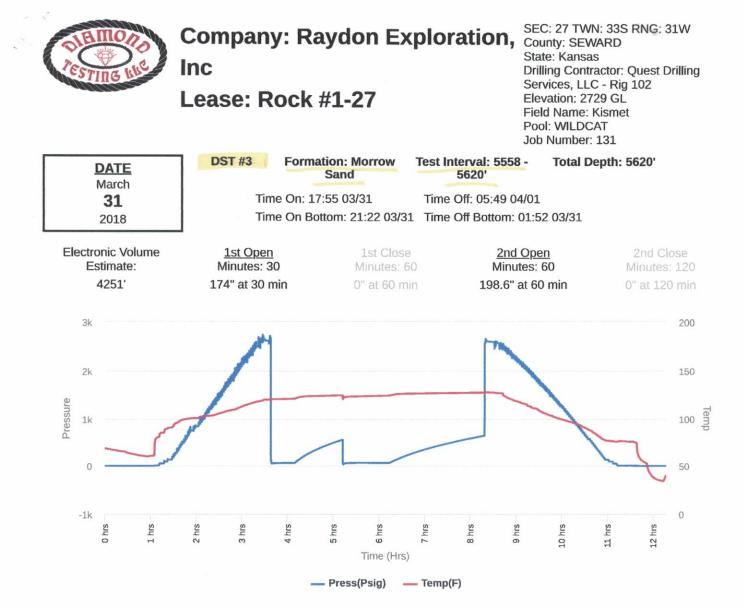
DATE March	DST #2	Formation: Lans "A"	Test Interval: 4428 - 4442'	Total Depth: 4442'
27	Tir	ne On: 14:10 03/27	Time Off: 03:00 03/28	
2018	Tir	ne On Bottom: 17:00 03/27	Time Off Bottom: 21:30	03/27

Gas Volume Report

Remarks: Gas sample taken 20 mins. into Final Flow. Gas did burn.

		1st Open			2nd C	pen	
Time	Orifice	PSI	MCF/D	Time	Orifice	PSI	MCF/D
5	1.00	Too weak to measure	Weak	10	0.125	1.5	3.39
10	0.50	6.0	86.3	15	0.125	3.0	4.84
15	0.50	6.5	90.1	20	0.125	5.0	6.39
20	0.375	9.0	61.4	25	0.125	5.5	6.72
25	0.375	8.0	57.3	30	0.125	6.0	7.06
30	0.375	6.5	51.0	35	0.125	7.0	7.70
				40	0.125	8.0	8.30
				45	0.125	9.0	8.89
				50	0.125	9.0	8.89
				55	0.125	8.0	8.30
				60	0.125	8.0	8.30





ALE MORE	Inc	iy: Raydon Rock #1-27	Explorat	CION, Co St Dr Se Ele Fie Po	EC: 27 TWN: 33S bunty: SEWARD ate: Kansas illing Contractor: ervices, LLC - Rig evation: 2729 GL eld Name: Kismet bol: WILDCAT b Number: 131	Quest Drilling 102
DATE	DST #3	Formation: Morro Sand		val: 5558 - 20'	Total Depth: !	5620'
March 31 2018		me On: 17:55 03/31 me On Bottom: 21:22		: 05:49 04/02 Bottom: 01:	-	
Recovered						
Foot BBLS	00	scription of Fluid	Gas %	<u>Oil %</u>	Water %	Mud %
100 0.492		М	0	0	0	100
Total Recovered: 10 Total Barrels Recov		Reversed Out NO	0.5	Recove	ery at a glance	
Initial Hydrostatic Pres	sure 2614	PSI				
Initial						
Initial Closed in Pres	sure 561	PSI	188 0.25			
Final Flow Pres	sure 70 to	65 PSI				
Final Closed in Pres	sure 641	PSI				
Final Hydrostatic Pres	sure 2596	6 PSI	0		Recov	07/
Tempera	ature 127	°F			Recov	ery
Pressure Change I Close / Final C		%		Gas 0%	Oil Wat 0% 0%	er 🥌 Mud 100%



Formation: Morrow

Sand

Time On: 17:55 03/31

Test Interval: 5558 -

5620'

Time On Bottom: 21:22 03/31 Time Off Bottom: 01:52 03/31

Time Off: 05:49 04/01

DST #3

State: Kansas Drilling Contractor: Quest Drilling Services, LLC - Rig 102 Elevation: 2729 GL Field Name: Kismet Pool: WILDCAT Job Number: 131

Total Depth: 5620'

DATE March 31	
2018	
REMARKS:	-

Initial Flow: 1 in. blow increasing. BOB in 40 secs. Initial Shut-in: No blow back. Final Flow: Blow increasing. BOB immediately.

Final Shut-in: No blow back.

Tool Sample: 100% mud w/oil specks

Possible low BTU gas in pipe.

Several oil specks in 100 ft. recovery.



Company: Raydon Exploration, SEC: 27 TWN: 33S RNG: 31W County: SEWARD

Inc

Lease: Rock #1-27

SEC: 27 TWN: 33S RNG: 31W County: SEWARD State: Kansas Drilling Contractor: Quest Drilling Services, LLC - Rig 102 Elevation: 2729 GL Field Name: Kismet Pool: WILDCAT Job Number: 131

DATE March	DST #3	Formation: Morrow Sand	Test Interval: 5558 - 5620'	Total Depth: 5620'
31	Tin	ne On: 17:55 03/31	Time Off: 05:49 04/01	
2018	Tin	ne On Bottom: 21:22 03/31	Time Off Bottom: 01:52	03/31

Down Hole Makeup

Heads Up:	33.29 FT	Packer 1:	5552.5 FT
Drill Pipe:	5289.22 FT	Packer 2:	5558 FT
ID-3 1/2		Top Recorder:	5541.92 FT
Weight Pipe: ID-2 7/8	FT	Bottom Recorder:	5596 FT
Collars:	269 FT	Well Bore Size:	7 7/8
ID-2 1/4		Surface Choke:	1"
Test Tool: ID-3 1/2-FH Jars Safety Joint	34.07 FT	Bottom Choke:	5/8"
Total Anchor:	62		
	Makeup		
Packer Sub:	1 FT		
Perforations: (top): 4 1/2-FH	3 FT		
Change Over:	1 FT		
Drill Pipe: (in anchor): ID-3 1/2	31.5 FT		
Change Over:	.5 FT		
Perforations: (below): 4 1/2-FH	25 FT		

Testing Ine	Inc	iy: Raydon Ex Rock #1-27	ploration,	County: SE State: Kans Drilling Con	as tractor: Quest Drilling _C - Rig 102 729 GL : Kismet CAT
DATE March	DST #3	Formation: Morrow Sand	Test Interval: 5558 5620'	- Total I	Depth: 5620'
31	Tir	me On: 17:55 03/31	Time Off: 05:49 04	/01	
2018	Tir	me On Bottom: 21:22 03/31	Time Off Bottom: (01:52 03/31	
	-	Mud Proper	ties		
Mud Type: Chemical	Weight: 8.9	Viscosity: 58	Filtrate: 5.6		Chlorides: 1,500 ppm

ENERGY SERVICES

Liberal Yard #1717 - Phone 620-624-2277 - 1700 S. Country Estates Road, Liberal KS 67901

PRE					Job Log	Estates Road, Liberal KS 67901 Job Log							
Customer	Ra	ydon Explorati	on		Cement Pump No.	38750, 19	9842 8Hrs.	Operator TRK No.:	968	16			
Address	1601 NW	Expressway S	STE 1	300	Ticket #	1718 1	15574 L	Bulk TRK No.:	14354, 19578	30464, 37725			
City, State, Zip	e Oklah	oma City Ok 7	3118		Job Type	:	Z42 - Ce	ment Surface	Casing				
Service District	: 17	18 - Liberal, K	s.		Well Type	:		OIL					
ell Name and No.	:	Rock 1-27			Well Location	27,33,31	County:	Seward	State:	Ks			
Туре	of Cmt	Sacks			Additives			Truck Loa	ded On				
A-Con	' Blend	400	3% (Calcium	Chloride, 1/4# Poly	vflake, .2% WCA1	14354	, 19578	Front	Back			
Premium P	lus Cement	150		2% C	alcum Chloride, 1/4	# Polyflake	30464	, 37725	Front	Back			
Premium Plu	s Cement (1")	60			Neat		30464	37725	Front	Back			
Lead	/Tail:	Weight #1 Gal.	Cu/l	Ft/sk	Water Re	quirements	CU. FT.	and the second	Hours / Persor				
Le	ad:	11.4	-	95	and the second	8.1	1180	TT Man Hours:	41	and the second second second			
Та	il:	14.8	1.	34	6	33	201	# of Men on Job:	4				
Time		Volume	Pu	imps	Pres	sure(PSI)	D	escription of Oper	ation and Materia	ls			
(am/pm)	(BPM)	(BBLS)	Т	С	Tubing	Casing	1						
16:00							ON L	OCATION & S	AFETY MEET	ING			
19:15								RIG	UP				
7:50 PM								RIG TO CIF	RCULATE				
8:20 PM								RIG TO) P.T.				
8:28 PM							PF	RESSURE TES	ST TO 2000PS	SI			
20:35	5.8	210.0 slurry				220	P	UMP 400SX L	EAD @ 11.4#				
21:12	5.6	35.7 slurry				290		UMP 150SX 1					
9:18 PM					_	_		HUTDOWN /					
21:20	2.6	10				40		DISPL	ACE				
	5.7	20				150							
	5.7	30				180							
	5.6	40				220							
	5.4	50				270							
	5.2	60				300							
	5	70				350							
	4.5	80				400							
	4.2	90				480							
21:41	4.1	91				500	SLOW	RATE TO 2.0	BPPM @ 430	PSI			
	2	100				470							
21:46	2	101.9				470	LAND PL	UG / PRESSU	JRE UP TO 10	30PSI			
21:48								EASE BACK -					
								EMENT NOT T					
0:45								RUN IN 1" T					
Size Hole	12 1/4"	Depth			_		TYPE	and the second sec	ug Container				
Size & Wt. Csg.	8 5/8" 24#	Depth	164	45'	New / Used		Packer	T	Depth	1			
Landing Press.	327.3psi	Depth				_	Retainer		Depth				
Shoe Jt.	42'	Туре					Perfs		CIBP				
						Basic Represe	entative:	[Daniel Beck				
ustomer Sig	nature:					Basic Signatur	and the second se	Danie		R			
						Date of Service		3/23/2018	- Jack				

ENERGY SERVICES

Liberal Yard #1717 - Phone 620-624-2277 - 1700 S. Country Estates Road, Liberal KS 67901

PRE	SSURE	EPUMP	IN	G	Job Log	Estates Road, Liberal KS 67901 Job Log								
Customer:	Ray	ydon Explorati	on		Cement Pump No.:	38750, 19	9842 8Hrs.	Operator TRK No.:	9681	6				
Address:	1601 NW	Expressway S	STE 1	300	Ticket #:	1718 1	5574 L	Buik TRK No.:	14354, 19578	30464, 3772				
City, State, Zip:	Oklah	oma City Ok 7	3118		Job Type:		Z42 - Ce	ment Surface	Casing					
Service District:	17	18 - Liberal, K	s.		Well Type:			OIL						
ell Name and No.:		Rock 1-27			Well Location:	27,33,31	County:	Seward	State:	K				
Туре с	of Cmt	Sacks			Additives			Truck Loa						
A-Con'	Blend	400	3% (Calcium	Chloride, 1/4# Poly	flake, .2% WCA1	14354	, 19578	Front	Back				
Premium Pl	us Cement	150		2% C	alcum Chloride, 1/4	# Polyflake	30464	, 37725	Front	Back				
Premium Plus	Cement (1")	60			Neat		30464	, 37725	Front	Back				
Lead	Tail:	Weight #1 Gal.	Cu/	Ft/sk	Water Red	uirements	CU. FT.		Hours / Person					
Lea		11.4		95	No. of Concession, name of	3.1	1180	TT Man Hours:	41					
Ta		14.8	1.	.34	6.	33	201	# of Men on Job:	4					
Time		Volume	Pu	Imps	Press	sure(PSI)		escription of Oper	ration and Materials					
(am/pm)	(BPM)	(BBLS)	Т	С	Tubing	Casing								
0:14								PUMP 2BBLS	AHEAD H20					
0:18	1.7	14.1 slurry				180		PUMP 60SX	X @ 14.8#					
12:28 AM							CEME	NT TO SURF	ACE / SHUTDO	WN				
								JOB CON	IPLETE					
	-													
			_											
Size Hole	12 1/4"	Depth	-				TYPE	D	lug Container					
Size & Wt. Csg.	8 5/8" 24#	Depth	16	45'	New / Used		Packer		lug Container Depth					
Landing Press.	327.3psi	Depth		-			Retainer		Depth					
Shoe Jt.	42'	Туре			_		Perfs		CIBP					
						Basic Represe	and the second se		Daniel Beck					
Customer Sig	nature:					Basic Signatur	And a state of the second s		Q. Bark	h				
						Date of Service		3/23/2018	- A COLLA					



Liberal Yard #1717 - Phone 620-624-2277 - 1700 S. Country Estates Road, Liberal KS 67901

PRESSURE PUMPING

Job Log

the second s							and the second se			100 million		
Customer:	Ray	ydon Explorati	on		Cement Pump No.:	70897	-19570	Operator TRK No.:	968	15		
Address:	1601 NW E	pressway STI	E 130	0	Ticket #:	1718-1	5639 L	Bulk TRK No.:	30464-37724	27808-1988		
City, State, Zip:	Oklahoma C	ity Ok 73118			Job Type:		Z42 - Cem	Z42 - Cement Production Casing				
Service District:					Well Type:		OIL					
ell Name and No.:		Rock 1-27			Well Location:	27,33,31	County:	Seward	State:	k		
Туре о	of Cmt	Sacks			Additives		1	Truck Loa	aded On			
A C	ON	150			1/4# POLYFLAK	Æ	30464	-37724	Front	Back		
				10%0	GYPSUM, 10%SALT							
AA	-2	240			DEFOAMER, 5#GI		27808	-19883	Front	Back		
									Front	Back		
Lead		Weight #1 Gal.	_	Ft/sk		quirements	CU. FT.	Man	Hours / Persor	nnel		
Lea		11.4	2.	.89	17	.82	433.5	Man Hours:	55			
Та	il:	14.8	1.	.51	6.	65	362.4	# of Men on Job:	4			
Time		Volume	Pu	imps	Press	sure(PSI)	D	escription of Opera	ation and Materials	9		
(am/pm)	(BPM)	(BBLS)	Т	С	Tubing	Casing						
20:00							4/3/1	8 ON LOC, SA	AFTEY MTG, F	R.U.		
10:00						5000		TEST LINES,	SD FIX LEAK			
10:18 AM						4500		TEST L	INES			
10:20 AM	6.7	12				210		PUMP MU	D FLUSH			
10:24 AM	6.7	5				210		H2O SF	ACER			
10:27								PLUG RAT A	ND MOUSE			
10:38	8				-	440		START LEA	D@11.4#			
10:49 AM	7	52				180		ON TAIL	@ 14.8#			
11:05		64.5					SHUT	DOWN, DRO		HUP		
11:11	7.5					180		START DISP	LACEMENT			
11:29	2.5	128				810		SLOW				
11:35		139				1000-1540		PLUG D				
11:38						1540-0	F	RELEASE PSI,				
								JOB CON				
							THAN	K YOU FOR Y		SSIII		
									O OIN DOOMLE			
							1					
Size Hole	7 7/8	Depth			5860'		TYPE					
Size & Wt. Csg.	5 1/2 15.5	Depth	58	50'	New / Used	NEW	Packer		Depth			
tbg.		Depth					Retainer		Depth			
Top Plugs		Туре					Perfs		CIBP			
		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				Basic Represe	A CONTRACTOR OF THE OWNER OF THE OWNER OF THE					
Customer Sigi	nature.				*	and the second se	and the second se		CHAD HINZ			
sustainer olgi	nature.					Basic Signatur						
						Date of Service	e:	4/3/2018				

Base Heebner Toronto Lansing Fm. Lansas City Fm. Marmaton Pawnee RTD SEC. 27 SAMPLES No. of DST'S COMM SAMPLES CONTRACTOR Quest Dalg Services Rig # 102 FIELD COMPANY GEOLOGICAL DRILLING COUNTY Seward , STATE Kansas FORMATION TOPS GEOLOGIST ON WELL OCATION 335'FAL + 825'FEL g Chester St. Genevieve Ft. Scott Cherlohee Fm. Morrow 3-21-2018 5860 TWP 335 GEOLOGIST'S TIME KEPT Raydon Exploration, Inc. EXAMINED FROM 4000 SAVED FROM SUPERVISION FROM 4000 w DRILLING TIME COMP. No. of CORES Mone LTD 5858 FROM Edwin H. GRIEVES 4000 4-3-20/8 5750 5751 5858 5858 1422 5058 4304 4000 RNG 3/W 1290 g NO SAMPLE 1-27 231682 2886 -1 0 à ر ولي حجي TO TO Den: Jeur GR: CI liper 854 at 1641 RECORD APT#15-10 77 EPORT ALL FROM MEASUREMENTS 50 LOG Mr. 70 9 S D R F R 101. 70 ELEVATIONS 07 Some 2740 N 75-22259 . A. 10 0 ू म म м М 1 2 2 49 34 REMARKS Earth-Tech (1-888-543-8378) had an unmanned gas detection trailer on this well from 4000 feet to total depth. el. oth Thank Geo 15 09 CI = METHANE C2 = ETHANE C3 = PROPANE C4 = BOBUTANE C5 = BUTANE C6 = ISOPNIANE C7 = PENTANE CHROMATOGRAPH LITHOLOGY SAMOSTONE = SITSTOME DOLOMITE APRANTE WASH ANHY & GYP LIMESTONE SHALE SHALE CHERT HOT WIRE BY TOTAL GAS VOLLME DRILL TIME GAS SCALE SAMPLE DESCRIPTION SCALE 100 1000 10 i fa 4600 **C46**9.21 ----4000-4020 Interfedded LastitSts SIMUIZR 4027-4089 Shmed. todakgay, v. to extaly cate. Interbedded Lmstsd Shales Lins. H. tomed.gay - v. to extrily Shiy. grdng to Eale Shs: Crypto. XIn.; Sub-chiktor Shiy., Packstn Nofluor, No Cut, No Vis Por. 2-huy TRO. to 26. Lons. H.gay, tanto H. bRn. j CRypto. XIn., packetin + Sub-lithoga; Tasdallyel. fluor.; No Lut No Vis Por. 3. 5h med. to dak gay ; v. to extRly calc., grdug to ship Lusts 曲 4 692 / h Lms. extr. 264. wht to com. childst CRM. tau to gay ish ta-; cay stato v.v.fn. xin; sub-chik, sub-succesta v. Sucmo. w/huy. thespeckotn and sub-lithogr.; dull. H. yel. to dullyel. Fluor.; No Cut; 26d. pr. fr. gd. to excel. micro pp t interxity. por C Ç Interbedded Lousts 2-d Shales Similar 4017-4089 W/ Interbeds Shs v.dr.kgry.to black-carb, 4582 11 1 4200 6415 3 1 1 81kShHBU 7-2-4-1 C 5 Sh med. toudake.gay, Slito V. Cake. Lms. Tas. wht. to cam-chile + 14. gay. gayizh. Tan totan; cay pto to V. V. En. XIn.; Sub-chilh, Subsucho tosucho. & packstn.; Nofluor.; Nocut; No Vis Por TIT - 94 C 4 5 3 2 17 84 54 12 3 4 Sh. V. Lak gay to black - 62 Rb Sh. V. dak. gay to black-carb Sh H. 92, to H. 9200 - Saft mushy 4300 when wet Lons. tres. whit to cam. the 1 tim, crypto to V. V. fn. Xin., this whit for to coanse cals XIS - CAAgon. Substance of overace + The Sub-child packet a.; dulgiantogida, yet 1 fluor. fait of adea; SI: the int Stong to mithy cate as pactor for the they for gato excelmit hor of the they for gato excelmit hor of the they for 14317-4326 Long. Si build a 4338-4355 Cano/2G & <u>}</u> P Pers Show 554 Loss Similar 4307-4317 w/NoVis Shows + No Cuts TIM 5110 Lms. H.gpy, tanish 1P's caysto to v. v. fr. xin; sub-sucho+packstr; but. K. yell-fuer; Nocut; Novis Por ALC STORE Lms. tAS. wht to cam child then gayed. IP's, vy. fn. x/n.; 6ub-suchoto v. sucho; tes Phantom coll casts; dul yel. to yel. fuge. Nocut; 200. p. to tak huy tasga to eyecle, p. micro potintervin. por. Inter Beckled Lunsts to hales I. Lung. H. to medgay Shly. taniships crypto. to up fn x/h.; subsucho, prakotn 1425.5 ub-1. Thoga: jul. yeltodallt. yelfinon. IPS; Notut, Novis ADR. 2. Shs med to tasd phy gading to vdak gay; 51: to the y-cale 5/3 ¢ Sh H. to med. gray: v-toestaly Cate 4400 grading. to Shiphinsts HH2H-4434 Lms. H.gay. togpyritten CRYPTO TOVUEN. XIm; Sub-Succas, Packstn + sub-lithoga.; dal. Hyel fluer.; Nocut; NoVIS for H434-4439 Lms. tan w/dektan oil 1205ing Fm 4424-168 124

	HH2H-4434 Lms. H.gay. toppyiliteu CRYPTO to VUEn. XIm; sub-Succeo, Packstn + sub-lithoga.; dal. Hyel flass.; No Cut; No Vis For H434-4439 Lms. tay w/dektanoi/ Sta. 185; U.En. XIn. phantom contic toplic strict o coll + ict molica strict mate if Sin by uncots extern sacro yel 1.	1 B) (1115) B 31 - 54 ou 1444 1 B) (1115) B 31 - 54 ou 1444 CFS
	matricessfatto contraction (Cartie) Toglan, yel Gluor, w/siltstand Tomilky cuts; TRSPA. totachication por tampa fat, gatorice. micro-pp to intervin tor H439.44412 1ms Jimilar 44574470 44424457 1ms tas. whitocram-child t H gay to tan; Crypto. totv.fn Xin, trssub-child, subsuccato 26m. Sucro. tozchestajabn.w/ dal.yel. fluor, Nocut; Auytas PR. tofa micro-pp to intervin POR. in Sucro Rock	
	D Long It. gRY to tanj CRYpto touxfu. XIn. ; TRSSUD-SUCRO, packostn. 2nd Sud-lithogk. ; TRS. V. dul yel. fluor. No Gat: No Vis POR BSh med gRY, SI: To Extraly Calcu	Chromatograph Pinged from hur oil Basses From DST
	Lons huy tas, to zen whit to can dille + H. ary. to ten ; caypto to v.v. fn. x/n. w/tas. whit fn to cozase calc. xisti Raym. Sub-chik, sub sucho to fac AD, pzc both huy tass ub-lithoga: 2 ml. yel. flabe. No but i huy tas DA. to bet tasged micro-podiated xin por in sal Bo Rock bmicro-podiated xin por in sal Bo Rock Long. H. g Ry. to tun; cay stetov v.to. XIn.: sub-suc Rot pzck strig dai yel fluor IP's No but; No Vis Pol.	
	Interbedded Limestones D Faster Daly Lossinila 44497 to 452,5	
	DSlower Jalg Lms61milar 4525	
	Ims. buy tas whit tocam-chille + tan; GRYPTO. To V. V. Fri. Him., Slitov. odicestic TERSII to V. Dolitis; matrix Sub-chill, sub-sucko to succo dol. yel. fluer; No Cut, abopr, fr, gd. to cycel colicastic, AP, MICAU PP And intervin por	
	Lms FISTERDALQ whit to cAm child to sub-child - Slower Daly H. to med QAY-SI: to FRIT Shir to TIN; CARATO To V. V. fn. XIN., TRESSUD SUCRO, PRINTIN + hvy. TAS. Sub-lithoga.; dul. yel. fluor. IPS; Nocat; No Vis FOR	
		Chromaterian Physical farmed hugged farmed hugged hugged farmed hugged f
	Lins. H. Topred gay toblack - carb Lins. H. Topred gay-slitesaly shiputaten cay of a. to v. J. S. M. The sub-succea packagen, J. The Sub-1. Hoga Sub-Succea theore. IPS, Notur, No His Hor	BUASK BOUL
	Sh. H. to med. 9R 51. to extra y ak 18 471 L. ms. tas wht. to cam-chik + H. 984 to tan cay state V. U. t. XIn.; tAs so be chik Sub-Succes to succes packs to the sub-Succes to success to the sub- the sub-Success to success to the sub- the sub-Sub-Success to the sub- the sub-Success to success to the sub- the sub-Sub-Sub-Success to the sub- the sub-Sub-Sub-Sub-Sub-Sub-Sub- the sub-Sub-Sub-Sub-Sub-Sub-Sub-Sub-Sub-Sub-S	
	Sh med tov. Ank. 924. 2216. to V.d.R.h. 924 to black - CZAG. Lms. hurtes. whit tocom totan - chike + 506-chikand H. tan totan tes. 924456 - chikand H. tan totan tes. 92456 - chikand H. tan totan tes. 306-chikand H. tan totan tes.	
	aus yes thore is No-us its rolog	
	Lms. H.gay. totan; LRypto.t-Y.V.fu. XIn. Sub-dilh, Sub-smaro to sucma, pacetin + tas sab-lithuga.; hvytas SI: totak. Bolicastic tora hvy tas SI: totak. Bolicastic tora hvy tas SI: totak. Bolicastic tora hvy tas SI: totak. Bolicastic huy. tas.pr. to firstasgd Bolicastic SPP, micho-pp + intersky POR IPS	
	Lms. H. to medigay-slitotaly Shiy, tanish IPS, gading to tant bacun; CRYpto. to v. V. frixin; subsucas., Packety + sub-lithaga; tas W/dall yel, fluor; Nocut, Novis Par	>conG#s 134
	Pochety + sub-lithaga. Has W/dall yel.fluer. Notut, Novis Por	Coundres 174
		W0835000 RPM 65-70 SPM 140 ?200 PP 1600
		E CH E 3 21 Bik.sh 71 u
	Lows. Hiomed. gay, Shy tan tobanicanto to V. V. fn. xin; TRS. 6 ub-sucao, partista. Si to V. oolitic Il's; tas. w/x.dul.yel. finak; No Lut; No Vis. POR Los. tas. wht. to CRM-ch/h+tax; CAY pta to V. fn. X/n; estaly collication to R. Sli Dolitic; Matrix sub-ch/4., Sub-sur An. forchit. to	Kansas (1)
	Sub-Succes, + packstn.; Taswht. to H. gay An tocopase calculs + fazam- abn. brassy yelflu pr.; Nochti zon pr., fr. gdtoevcel opliczetic Br; Dest Ferm Interbedded Limestones OLms H. tomedgay - Slitov. Shiy	
	DLms H. tomedgay-Slitov. Shiy GRYpto. XIn.; Packstnitotes Sub-lithogic; Nofluer; Noful; Novis Por. 3 Lms. gryish.tantatan; crypto. Tov. v. fn xIn.; tras sub dilk, tras. Sub-sucro. t packstn; duliyel. fluor.; Novis Por.	
	Lma H. tomed. tou.dak.gay slitoestely Shiy. ; caypto. x/m; sub-chiktor Shiy. packs the + tas. sub-lithog R. Notice	
	No Cut Novis for. W/huy tas scattered Interbeds Lms. gryishtautotzu; Crypto, towath. XIn. 1725. Sab-Chik, tas sub-succo, packestut sub-lithoga; tas w/v.dul. yel. flupr.; Nolut; No Vis Por	
	Lins, med. to v. d. Ak. gRy V. To ExtralyShix gRAng to cale Shs. c. Rypota xlm; Sub-chik You Shix, pachetintes Sub-lithoga; No Fluor, Noch tholic for Long V. huytas wht to Char - Lak and If tan to gRy 154 tan; Chyptoto V. V. to Xlm;	Marmaton 5072-2332
	Long V. huy tas whit to can - hik and It tan to gay ish tan; cay ploto V. V. to xin; taly to V. dolitic; matter sab succo to Succo. packyte these sub-chilk; aut. It. to July of Huse, Now I, Now is be Long. SI: thes whit to cam-chilk team to It. tan, gayish 195; cay ato to N. V. to Shi take above the sub-	00 00 00 00 00 00 00 00 00 00 00 00 00
	U-V. tn. &/m.; tassnb-Chik, packstn and hvy.tas. Sub-lithega; dal.yol. Huon; No Cut; No Vis Porosity	
	V. dak gay-Shis and Lass med to dake. To V. dak gay-Shis and Lass med to dakery V. to Extraly Shiy, grad ag to calc Shis; CRYSTO. X.M.; Subility to calc Shis; No finare; No cut; Novis Por v / the Chest Wht. to gray, mottled IP's	
	Lms. similar 5078-5127 Shv.dpk.gay.toblack-carb.	C45311
	Sh v.dek.gay.toblack-carb. Lm. H.gay.gayish.tan tatan; caypta. to v.v. f. s. In.; tessus-chiksubsacao pzchstn + sub-lithoga; Auith yeito H.yel.fiuor; No luf; No Vis POR.	∞ ∞
	The v. dake. gay to black - czal	B/454 4744
	del. H. yel Class; NoLut V.SI. +25 pr. Mice po for Long H. to Med. gay-s/: to Faly Shir. tz with I P's: Caypitoto V.V. Cm. Kin.; Ta's sup-Salao + Prickstn:; Trs. d.n. 1. yel fluor NoLut; NoVis Por Sh. V. d. A. gray. toblack-carb Long. Similar 5137-5252	5 2 2 8 - 240e
	Lims. medga, Shin to tau; cayeto. to V.V. fu. x lix.; sub-child tion Shily. Sub-succea, packatin tes sublithing Naul. yel. to these ul. yel. fluod; Notat No Vis Por	CHE 3211 2 RPM 23700 CHE 3211 2 RPM 85 SPM 120 NP 1200
		300 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
	DLms. H. gay totan Layolo Tov. 4. th x1a.; sub-succe, packstn. and sub-lithographic; tas.fas. 185; dul yel to yel fluor; Nocat; No Vig POR	CH9/32/12 Con Gas 404 CH9/32/12 Con Gas 404 CH9/32/12 Con Gas 404 Ch9/132/12 Con Gas 404 Con Con Con Con Con Con Con Con Con Con
	Shsmed., Arktov. Arkegay; Slitocxtrlyczlc.gazdny to Shly. Lmsts	Con Gasse
	5374-5562 Interbedded Limestonest States Similar 5305-5374 W/interbeds Shiv. dakgay: To black - carb, increasing with depth	
	5562-5565 PAOLLMS. Similar tothe # 2 Niscarption 5305-5374 5565-5503 Found 7 Otz 985; Roded war FROSTER; SI, Bill Decker in Samp ??????	
DST #	5562-5565 PAODLING. Similan. tothe #12 Rincar Ation 5305-5374 5565-5503 Found Tatzgas; anded war Frantield; SI, Dilocker in Sampfill? 55588-5602 Sh H. gay, soft w/silky inster & huy trs. H. gargen soft and Mushy & Ark. gay, Splintery; trs. pyrite w/interbeds Lans. Similar description #2 (5205+05374) 5602-5614 Data Syst dak, tan. to	
DST#3	5562-5565 PAOLLMS. Similan tothe #12. Risca Stion 5305-5374 5565-5563 Found 7 Otz 985; anded war facostal; SI. Di locker in Samptiff (5528-5602 Sh H: gay, soft w/silky luster & huytrs. H: garen soft and Mushy & Ark 90, soft w/silky luster & huytrs. H: garen soft and Mushy & Ark 90, soft w/silky luster & huytrs. H: garen soft and Mushy & Ark 90, soft intery; trs. pyrite w/interbeds Lms. Similar description #2 (Stosto 5374) 5602-5614 Dits. Sast dak tan. to bacom facon oil sts. garish 185 glanc tion chlorate, huytrscing ina; glanc tion chlorate, huytrscing adds silt coment dak tan to back oil stai silt coment dak tan to back oil stai silt coment dak tan to back oil stai silt coment day old to back of sin silt oder, day old to back of sin samph. to bat sign of cus;	
DST#3	5562-5565 PAOLAMS. Similar toke #1 Rinception 5305-5374 5565-5503 Found Tatages anded war fragstal, SI. Di Delta in Samptille 5585-5503 Found Tatages anded war fragstal, SI. Di Delta in Samptille 5588-5602 Sh H gay, Soft Wisilky Juster & huy tres. H-garen soft and Mushy + Lake gay Splintery; TRS. Dyreite W/107 Feebed 5 Lans. Similar description #2 (5205+5374) 5602-5614 Dits Sdst dak, tan. to baoms frame oil sta, gryth 1985 glaue tion chicate, huy the scay 2 day sitt cament delt, huy the scay is the sitt cament delt in the formation of sitt cament delt in the formation of sitt cament delt is the soft and formation finder yar. John the soft and the Sitt cament delt is the soft and the sitt cament delt is the soft of the soft of the soft and the soft of the soft sitt cament delt is the soft of the soft of the soft of the soft of the soft sitt cament delt is the soft of the soft of the soft of the soft of the soft sitt cament delt is the soft of the sitt cament delt is the soft of the soft o	
DST#3	5562-5565 PAOLLINS, similar toke #1 Miscaption 5305-5374 5565-550 Found TOT298; Ruded wat faostal; si i locked in samp????? 5588-5602 Sh H: gay, soft w/silky Mushy + Lak gay, soft w/silky Mushy + Lak gay, soft w/silky Mushy + Lak gay, splintery; TRS, pyreite w/interbed s Lms. Similar description #2 (Stosto5374) 5602-5614 bits Slot dak, tan. to boom town with staged basis glaw tore chlorite, huntresclay adds silt coment destrand to bots glang flam w/excel: stamping cuts; Banpa, took atte, day to far silt coment destrand to bots glang there is a to bot glang for the Schurter of the state of the silt flam w/excel: stamping cuts; Banpa, took atte, day for the silt coment destrand to bots glang there is a the spirit for the state of the soft scatter of the spirit state silt coment destrand to bots glang the soft scatter of the spirit state scatter of the spirit state of the spirit sample, took to spirit for the soft state with to coase gas, com posed in gre those the spirit state cost to with the sub the spirit state cost to with the sub the spirit state of the spirit to the took toom the spire to the spirit to bot spirit state to share to be did the sub the spirit state cost to with the sub the spirit state cost to with the sub the spirit to state to share to be did the to bot spirit state to the spirit to bot spirit to bot spirit state cost to with the sub the spirit state cost to succe to the set state to bot case to succe to the state to bot and to spirit to bot spirit to be to the spire to the spirit state cost to succe to the set state of the spire to the spirit to be to the spire to the spire to succe to the set of the spire to the spire to succe to the set of the spire to the spire to the cates to pertain the spire to the spire to the Quest Pertain	
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INVOICE

Services, Inc.

Conductor and Rat Hole Drilling, Landfill Gas Drilling and Well Construction Nationwide

Date	Invoice #
3/19/2018	12428

Bill To

Raydon Exploration % Crown Consulting P.O. Box 1618 Liberal, KS 67905

Legal Description	Ordered By	Terms	Field Ticket	Lease Name		Drill Rig
SE Kismet, KS	Clint/Oscar	Net 30	9279	Rock 1-27	Tome	at3/Quest 102
ltem	Quantity	Description			Rate	Amount
Conductor 20" Pipe Conductor 15"X 30' Conductor 15"X 20' Ream Hole 72" X 6' Dirt Removal Grout Deliver Grout Cover Plate Barrier Fence ENTER APR 0 9 20 KNOLC PA hank you for your busin	Intervention Lescription netor 42 Drilled 42' of 30" hole for conductor pipe pe 42 Furnished 42' of 20" conductor pipe go 30 Drilled 30' of 20" Rathole 30' 30 Furnished 30' x 15" Shuck pe 42 Furnished 30' x 15" Shuck petor 20 Drilled 20' of 20" Mouse hole 20' 20 Purnished 20' x 15" Shuck Hole 6 Drilled 6' x 76" Ream Hole 6' 6 Furnished 6' X 6' tinhorn emoval 1 Provided Labor and Equipment for dirt removal an cleanup r Grout 1 Deliver grout to location Plate 1 Cover Plate Provided and Set Barrier Fence 1 Provided and Set Barrier Fence 1 OWN OCREAR THMB, MO, X APR 0 9 2013 Labor Peocut # 1-27 KNOLCPA 363 DEDGAT TRAP Conductor Pipe			Den Course		
				Subtotal		\$7,485.00
	APR - 2 2018 Sale				(7.75%)	\$279.39
				Total		\$7,764.39

P.O. Box 66 · Woodward, OK 73802-0066 · Phone: (580) 254-5019 · Fax: (580) 254-5908