

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1082196

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			
Address 2:		Feet from North / South Line of Section			
City: State: Zip:	:+	Feet from _ East / _ West Line of Section			
Contact Person:		Footages Calculated from Nearest Outside Section Corner:			
Phone: ()		□NE □NW □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: Well #:			
	□ Mandana a	Field Name:			
New Well Re-Entry	Workover	Producing Formation:			
Oil WSW SWD	SIOW	Elevation: Ground: Kelly Bushing:			
☐ Gas ☐ D&A ☐ ENHR	SIGW	Total Vertical Depth: Plug Back Total Depth:			
☐ OG ☐ GSW	Temp. Abd.	Amount of Surface Pipe Set and Cemented at: Feet			
CM (Coal Bed Methane)					
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 Tot	al Depth:				
☐ Deepening ☐ Re-perf. ☐ Conv. to EN	HR Conv. to SWD	Drilling Fluid Management Plan			
☐ Plug Back ☐ Conv. to GS'	W Conv. to Producer	(Data must be collected from the Reserve Pit)			
Companies alord Powerit #		Chloride content:ppm Fluid volume: bbls			
		Dewatering method used:			
		Location of fluid disposal if hauled offsite:			
		Operator Name:			
		Lease Name: License #:			
Spud Date or Date Reached TD	Completion Date or	Quarter Sec TwpS. R			
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:					

CORRECTION #1

Operator Name:			Lease Name: _			Well #:	
Sec Twp	S. R	East West	County:				
INSTRUCTIONS: Show open and closed, flowing and flow rates if gas to s	g and shut-in pressur	res, whether shut-in pre	ssure reached stati	c level, hydrosta	tic pressures, bott		
Final Radioactivity Log, files must be submitted				gs must be ema	iled to kcc-well-lo	gs@kcc.ks.gov	. Digital electronic log
Drill Stem Tests Taken (Attach Additional Sho	eets)	Yes No			n (Top), Depth ar		Sample
Samples Sent to Geolog	gical Survey	Yes No	Nam	е		Тор	Datum
Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No					
List All E. Logs Run:							
		CASING Report all strings set-c	RECORD Ne		on, etc.		
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
		ADDITIONAL	CEMENTING / SQL	IFEZE BECORD			
Purpose:	Depth	Type of Cement	# Sacks Used	TEELE TIE GOTTE	Type and P	ercent Additives	
Perforate Protect Casing Plug Back TD Plug Off Zone	Top Bottom	7,			7,		
r lug on zone							
Did you perform a hydraulic Does the volume of the tota Was the hydraulic fracturing	l base fluid of the hydra	ulic fracturing treatment ex		Yes Yes Yes	No (If No, ski	p questions 2 an p question 3) out Page Three o	
Shots Per Foot		N RECORD - Bridge Plug otage of Each Interval Perl			cture, Shot, Cement mount and Kind of Ma		I Depth
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:	Yes No		
Date of First, Resumed Pr	oduction, SWD or ENHI	R. Producing Meth		Gas Lift C	other (Explain)		
Estimated Production Per 24 Hours	Oil Bb	ols. Gas	Mcf Wate	er Bl	ols. G	as-Oil Ratio	Gravity
DISPOSITION	LOE GAS:		METHOD OF COMPLE	TION:		PPODLICTIO	N INTERVAL:
Vented Sold	Used on Lease	Open Hole		Comp. Con	nmingled mit ACO-4)	PRODUCTIO	IN INTERVAL:
(If vented, Subm	it ACO-18.)	Other (Specify)			´		



DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313 STC 30035.D0142 Page 1 of 2 Pages

Company Knighton Oil Company, Inc.	Lease & Well No. Caroly	n No. 4	
Elevation 2886 EGL Formation Lansing "G"			No. S0142
Date 5-4-12 Sec. 33 Twp. 18S Range 30			nsas
Test Approved By David D. Montague	Diamond Representative	Jacob McCallie	
Formation Test No. 1 Interval Tested from 4,122			,152_ft.
Packer Depth 4,117 ft. Size 63/4 in.	Packer Depth	ft. Size in	1.
Packer Depth 4,122 ft. Size 63/4 in.	Packer Depth	ft. Size in	1.
Depth of Selective Zone Setft.			
Top Recorder Depth (Inside) 4,103 ft.	Recorder Number 30035	Cap10,000	_psi
Bottom Recorder Depth (Outside) 4,149 ft.	Recorder Number 3851	Cap. 5,700	_psi
Below Straddle Recorder Depthft.	Recorder Number	Сар	_psi
Drilling Contractor WW Drilling, LLC - Rig 10	Drill Collar Length	121 ft. I.D	2 1/4 in.
Mud Type Chemical Viscosity 51	Weight Pipe Length	ft. I.D	in.
Weight 8.9 Water Loss 6.4 cc.	Drill Pipe Length	3,968 ft. I.D.	3 1/2 in.
Chlorides 2,000 P.P.M.	Test Tool Length	33 ft. Tool Size	3 1/2 - IF in.
Jars: Make Sterling Serial Number3	Anchor Length	30 ft. Size	4 1/2 - FH in.
Did Well Flow? No Reversed Out No	Surface Choke Size	1 in. Bottom Choke	Size <u>5/8</u> in.
	Main Hole Size	7.7/8 in. Tool Joint Size	e <u>4 1/2-XH</u> in.
Blow: 1st Open: Weak, surface blow building to ½ in. in 2nd Open: No blow. No build. No blow back during		ng shut-in.	
Recovered 10 ft. of oily mud = .049200 bbls. (Grind o	ut: 40%-oil; 60%-mud)		
Recovered ft. of			····•·································
Remarks Tool Sample Grind Out: 20%-oil; 80%-mg	1 d		
Time Set Packer(s) 10:26 P.M. Time Started Of		Maximum Temperature_	119°
Initial Hydrostatic Pressure			
Initial Flow Period		to (C) 14	_P.S.I.
Initial Closed In Period Minutes 30	_(D)P.S.I.		
Final Flow Period Minutes 30	(E) 15 P.S.I.	to (F) 20	_P.S.I.
Final Closed In Period Minutes 30	_(G)715 P.S.I.		
Final Hydrostatic Pressure	. (H) 1961 P.S.I.		

Dating Diamond

General Information

Company Name Knighton Oil Co. Inc.

Jacob McCallie 2012/05/05 Knighton Oil Co. Inc. Jacob McCallie 20142

00:86:20

20:11:02

Prepared By Report Date Well Operator Representative Job Mumber

Final Test Time

Start Test Time

Vertical Goenng Carolyn #4

DST#1 Lansing "G" 4122-4152" Earl Knighton

Well Type Field Well License Number Surface Location **Unique Well ID** Well Name Confact

Well Fluid Type DST #1 Lansing "G" 4122-4152" Formation Test Type

Gauge Serial Number

Gande Name

Final Test Date Start Test Date

Iest Results

GNW %09 TIO %07

30036

110 ro

2012/02/02

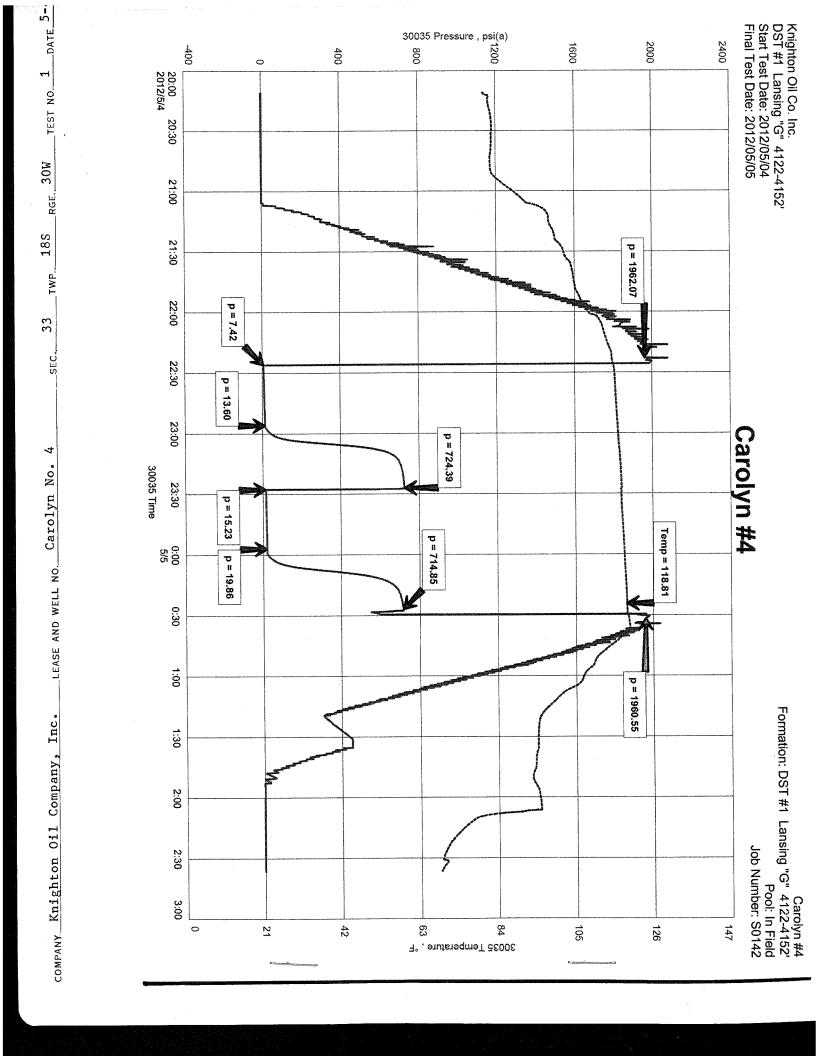
2012/05/04

Drill Stem Test

TOTAL FLUID Oily Mud

.01 10. RECOVERED:

50% OIF 80% OIF TOOL SAMPLE:



Summary of Changes

Lease Name and Number: Carolyn 4 API/Permit #: 15-101-22359-00-00

Doc ID: 1082196

Correction Number: 1

Approved By: NAOMI JAMES

Field Name	Previous Value	New Value
Approved Date	05/22/2012	05/23/2012
Save Link	//kcc/detail/operatorE ditDetail.cfm?docID=10 82154	//kcc/detail/operatorE ditDetail.cfm?docID=10 82196

Summary of Attachments

Lease Name and Number: Carolyn 4

API: 15-101-22359-00-00

Doc ID: 1082196

Correction Number: 1

Attachment Name



CONFIDENTIAL KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION WELL COMPLETION FORM

1082154

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

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License #	API No. 15
Name:	Spot Description:
Address 1:	SecTwpS. R
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 #	County:
Name:	Lease Name: Well #:
Wellsite Geologist:	Field Name:
Purchaser:	Producing Formation:
Designate Type of Completion:	Elevation: Ground: Kelly Bushing:
New Well Re-Entry Workover	Total Depth: Plug Back Total Depth:
Oil WSW SWD SIOW Gas D&A ENHR SIGW OG GSW Temp. Abd. CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.): If Workover/Re-entry: Old Well Info as follows:	Amount of Surface Pipe Set and Cemented at: Feet Multiple Stage Cementing Collar Used? Yes No If yes, show depth set: Feet If Alternate II completion, cement circulated from: sx cmt
Operator:	D. 111. El . 1.11.
Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth: Deepening Re-perf. Conv. to ENHR Conv. to SWD Conv. to GSW	Chloride content: ppm Fluid volume: bbls Dewatering method used:
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #:	Operator Name:
Spud Date or Recompletion Date Date Reached TD Recompletion Date Recompletion Date	, contract to the contract to

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

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

Side Two



Operator Name:			Lease Nam	ie:			Well #:		
Sec Twp	S. R	East West	County:						
time tool open and clos	sed, flowing and shut- s if gas to surface tes	base of formations per in pressures, whether s t, along with final chart well site report.	shut-in pressure	reached s	tatic level,	hydrostatic pres	ssures, bottom h	ole temp	erature, fluid
Drill Stem Tests Taken (Attach Additional S	theets)	Yes No	[Log	Formation	n (Top), Depth a	nd Datum		Sample
Samples Sent to Geole	•	Yes No	1	Name			Тор	I	Datum
Cores Taken Electric Log Run Electric Log Submitted (If no, Submit Copy)	l Electronically	Yes No Yes No Yes No							
List All E. Logs Run:									
		CASING Report all strings set-	RECORD		Used	on, etc.			
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	5	Setting Depth	Type of Cement	# Sacks Used	, ,,	and Percent dditives
	263	331 (3.3.)	2001711		<u> </u>		0000		
		ADDITIONA	L OFMENTING /	00115575	DECORD				
Purpose:	Depth		L CEMENTING /		RECORD	Time and	Darsont Additives		
Perforate	Top Bottom	Type of Cement	# Sacks Use	d		Type and	Percent Additives		
Protect Casing Plug Back TD									
Plug Off Zone									
	PERFORATIO	N RECORD - Bridge Plu	as Set/Tyne		Acid Fra	ture Shot Ceme	nt Squeeze Record	Н	
Shots Per Foot	Specify Fo	ootage of Each Interval Pe	rforated			nount and Kind of N		u	Depth
TUBING RECORD:	Size:	Set At:	Packer At:	Line	r Run:	Yes N	0		
Date of First, Resumed I	Production, SWD or ENH	R. Producing Me	thod:	Gas Li	ft C	ther <i>(Explain)</i>			
Estimated Production Per 24 Hours	Oil B	bls. Gas	Mcf	Water	Bł	ols.	Gas-Oil Ratio		Gravity
DISPOSITIO	ON OF GAS:		METHOD OF COI	MPLETION:			PRODUCTIO	ON INTER	VAL:
Vented Sold	Used on Lease	Open Hole		Dually Comp		nmingled			
(If vented, Sub	mit ACO-18.)	Other (Specify)	(Su	bmit ACO-5)	(Subi	nit ACO-4) —			



REMIT TO

Consolidated Oil Well Services, LLC Dept. 970

P.O. Box 884 Chanute, KS 66720 620/431-9210 • 1-800/467-8676 Fax 620/431-0012

MAIN OFFICE

P.O. Box 4346 Houston TY 77210 4346

	Tiodston, TX	77210-4346		
INVOICE			Invoi	ce # 249501
Invoice Date: 04/30/2012	Terms: 10/10/30	n/30	======	Page 1
KNIGHTON OIL CO BUILDING 100 SUITE A 1700 N. WATERFRONT PARK	TUA V	CAROLYN #4 34444 30-18-30	-cemen	cusing
WICHITA KS 67206 (316) 264-7918	.wo.t	04-30-2012 KS		
	=======================================		========	
1102 CALCIUM	tion A" CEMENT (SALE) CHLORIDE (50#) GEL / BENTONITE	170 480		
Sublet Performed Descrip 9999-130 CASH DI 9999-130 CASH DI	SCOUNT			Total -350.77 -181.94
Description 399 CEMENT PUMP (SURFACE) 399 EQUIPMENT MILEAGE (ONE 460 TON MILEAGE DELIVERY	: WAY)	1 40		5.00 1085.00 5.00 200.00
to the state of th	Amount Due	5548.08 if	paid after	05/30/2012
				4993.27

Signed

Date

CONSOLIDATED Oil Well Services, LLC

TICKET NUM		344	
LOCATION_	Oak	lev	KS
FOREMAN			

DATE CUSTOMER WELL NAME & NUMBER SECTION TOWNSHIP RANGE COUNT COUNTY 4495 COLON #44 2000 AND COLON A	PO Box 884, C	or 800-467-8676	FIELD TICKE	CEME			SCHY 6	
ATTIVITY WEIGHT 12 TO AND WATER GALLEY IN THE TOTAL TO	DATE	CUSTOMER#	WELL NAME & NUM	IBER	SECTION	TOWNSHIP	RANGE	COUNTY
AMY ALLINA DOTRES PORKULLE BOULD BO	4-30-12	4495 Caro	177年4		30	185	30 ^w	Lane
ACCOUNT CODE QUANTITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL CODE ACCOUNT ACCOUNT CODE	CUSTOMER			Amv				
STATE ZIPCODE 1/2 JAPO 3000 1/	KAILING ADDRE	righton oil	33 (13)	1/2	TRUCK#	DRIVER	TRUCK#	DRIVER
STATE STATE STATE STATE STATE STATE STATE		TURKUTU	•		Qumon A			
Ditchica K5 6726 Mill Depth 218 CASING SIZE & WEIGHT 552 244 DE SIZE 12/4 HOLE SIZE 12/4 HOLE DEPTH 218 CASING SIZE & WEIGHT 552 244 DESTINATE 12/8 DRILL PIPE TUBING OTHER SURRY WEIGHT 12/8 DISPLACEMENT PSI MIX PSI RATE MIX PS	1700 N W		518A			1		
DESTREY SURFACE HOLE SIZE 12/4 HOLE DEPTH 218 CASING SIZE A WEIGHT \$55 24# SING DEPTH 218 DRILL PIPE TUBING OTHER URRY WEIGHT 14 SILVERY VOL. WATER GAI/SK CEMENT LEFT IN CASING 20 SPLACEMENT 12/2 DISPLACEMENT PSI MIX PSI RATE EMARKS 3 aftery meeting ligged up on waw do ling light, node STATE TO CICULATE, MIXED 175 SKS COM 38DCC 3Dge 1 at splece Office of the silvery of the	. 0.	i .	1.	1/210	460	Babby 5		
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SPLACEMENT 12 1/2 DISPLACEMENT PSI MIX PSI RATE MARKS: 5 after meeting ligged 40 on wow drilling Right 10, nock and 12 to circulate, mixed 175 5K5 com 390 cc 20 get, displace, into 12 1/2 had water, and the n, washed out proposalines account account code quantity or units description of services of product unit price total code 40 MILEAGE 402 40 MILEAGE 1045 170 5K5 Class A Cement 1755 3005 4107A 8+0n Ton Mileage 157 534 44 SALESTAX 798 SALESTAX 1983								<u> </u>
EMARKS: 50 STTY MEETING, Rigged NP ON WOW drilling Rigth, nocked IP to Circulate, Mived 175 SKS COM 39DCC 200ge displace, in the night of the pumps of the pump		\			sk		CASING 20	<u> </u>
DESCRIPTION OF SERVICES OF PRODUCT JUNIT PRICE APPLOX 4 bb + 70 pit ACCOUNT QUANITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT JUNIT PRICE TOTAL 40 MILEAGE 1045 170 545 Class A Coment 118B 320th Bentonite 400 Mileage 107A Ston Ton Mileage 107A Ston Ton Mileage JUNIT PRICE JUNIT PRICE JUNIT PRICE JUNIT PRICE 1075 327 JUNIT PRICE JUNIT PRICE 1075 5327 JUNIT PRICE JUNIT PRICE 1075 5327 JUNIT PRICE 1077 5327 JUNIT PRICE 1078 5327 JU				· · · · · · · · · · · · · · · · · · ·				: '
Gen alon water shutin, washed out pumps alines Gen alon Cement didificulate Frank offsu Robus assure Account account cope quantry or units permeted in the pump charge Account a								
APPLOX 4 66 + 70 pit APPLOX 4 66 + 70 pit ACCOUNT QUANITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL ACCOUNT QUANITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL ACCOUNT QUANITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL ACCOUNT QUANITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL ACCOUNT CODE ACCOUNT OF SERVICES OF PRODUCT UNIT PRICE TOTAL ACCOUNT CODE ACCOUNT OF SERVICES OF PRODUCT UNIT PRICE TOTAL ACCOUNT CODE ACCOUNT OF SERVICES OF PRODUCT UNIT PRICE TOTAL ACCOUNT CODE ACCOUNT OF SERVICES OF PRODUCT UNIT PRICE TOTAL ACCOUNT CODE ACCOUNT OF SERVICES OF PRODUCT UNIT PRICE TOTAL ACCOUNT CODE ACCOUNT OF SERVICES OF PRODUCT UNIT PRICE TOTAL ACCOUNT CODE ACCOUNT OF SERVICES OF PRODUCT UNIT PRICE TOTAL ACCOUNT CODE ACCOUNT OF SERVICES OF PRODUCT UNIT PRICE TOTAL ACCOUNT CODE ACCOUNT OF SERVICES OF PRODUCT UNIT PRICE TOTAL ACCOUNT CODE ACCOUNT OF SERVICES OF PRODUCT UNIT PRICE TOTAL ACCOUNT CODE ACCOUNT OF SERVICES OF PRODUCT UNIT PRICE TOTAL ACCOUNT CODE ACCOUNT OF SERVICES OF PRODUCT UNIT PRICE TOTAL ACCOUNT CODE ACCOUNT OF SERVICES OF PRODUCT UNIT PRICE TOTAL ACCOUNT CODE ACCOUNT OF SERVICES OF PRODUCT UNIT PRICE TOTAL ACCOUNT CODE ACCOUNT OF SERVICES OF PRODUCT UNIT PRICE TOTAL ACCOUNT CODE ACCOUNT OF SERVICES OF PRODUCT UNIT PRICE TOTAL ACCOUNT CODE ACCOUNT OF SERVICES OF PRODUCT UNIT PRICE TOTAL ACCOUNT CODE ACCOUNT OF SERVICES OF PRODUCT ACCOUN	12 to	circulate, in	125g 15	5 SKS	<u>com 390</u>	CC 3000	701,015	Placed
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#406 #0 MILEAGE 5= 20000 11045 1705k5 Class A Coment 1765 30005 1102		QUANITY or UNITS	DE	SCRIPTION o	f SERVICES or PR	ODUCT		
1045 170 5Ks Class A Coment 1765 300055 1102 480# Colcium chloride , 89 42721 1119B 320# Bentonite .25 8000 1407A 8ton Ton Milegge 167 534 46 Libertal Modisc 5327 2019 SALES TAX 1985 19337 12:00PM 1 24935			PUMP CHARG	E	· · · · · · · · · · · · · · · · · · ·		108500	10850
1102 480# Colcium Chloride , 89 42724 1119B 320# Bentonite , 25 8000 467A 8ton Ton Mileage 167 534 44 Library 1500 53274 SALES TAX 1985 10700 1070 1070 1070 1070 1070 1070 10	540b	40						20000
### 320# Bentonite .25 8000 467A 8ton Ton Mileage 167 534 46 Lad 180d 5c 532.7 407A 24950 ESTIMATED TOTAL 4993.6	11045		Class	A Cen	rent		1765	
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467A 8 ton Ton Milegge 167 534 46 Lan Food 55 5327 4794 SALES TAX 1985 Di 008M 249501 249501 249350	IIIAB	320#	Benton	ite			,25	8000
5 327 LAD 1500 55 532.7 24794 SALES TAX 1983 D. OOPM 1 4993.6	,							
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5 327 LAR 1900 5C 5327 47943 SALES TAX 1988 12:00PM 1 249350						N		1,
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5 327 LAR 1900 5C 5327 47943 SALES TAX 1988 12:00PM 1 249350							A CAMI	
3797 D'00PM 1 24950 TOTAL 4993.5								11.92
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3797 D'00PM 1 24950 TOTAL 4993.5			<u> </u>			* * * * * * * * * * * * * * * * * * * *		
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3797 12:008M 1 24950\ ESTIMATED TOTAL 4993.5								5 327 19
12:00PM 1 24993.5						Jess 1	ybd isc	532.71
12:00PM 1 24993.5								47943
12:00PM 1 4993.2								1988
WALL TOTAL T	rin 3737	^		2495r	1			49925
	リス・クロイ。 _thoriztion_	Taket 10		TITLE	•	•		71700

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.

DAVID D MONTAGUE

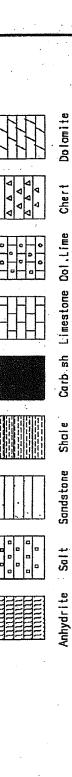
GEOLOGIST'S REPORT

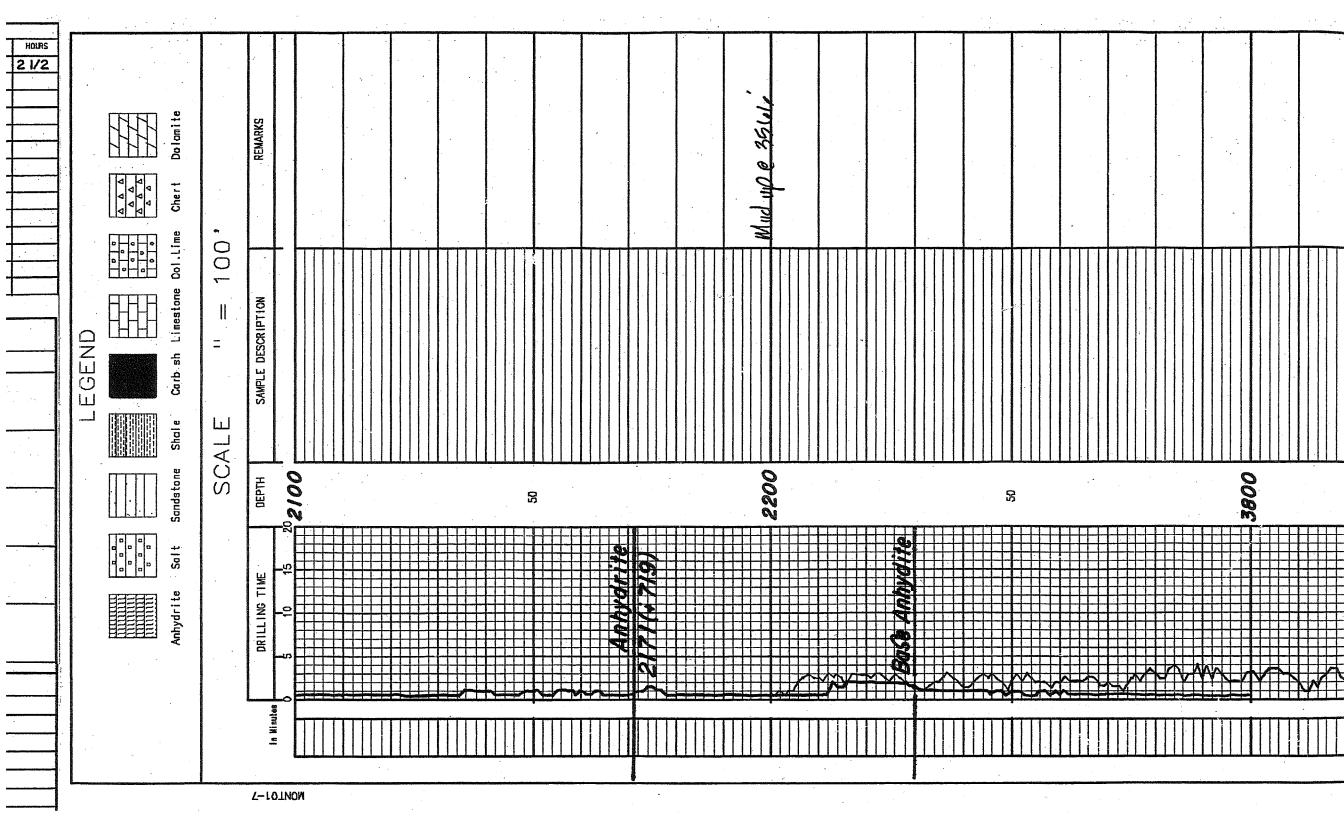
DRILLING TIME AND SAMPLE LOG

COMPANY KNIGHTON OIL COMPANY	ELEVATIONS
LEASE Carolyn , No. 4	KB 2890
FIELD Goering	
LOCATION 1150'FSL & 1650'FEL	DF
SEC 33 TWSP 185 RGE 30 W	GL 2885
COUNTY Lane STATE Konsos	Measurements Are All From <u>KB</u>
CONTRACTOR WW Drilling, LLC	CAS ING SURFACE 85/8", 217 w/170 SX
SPUD 4/30/12 COMP 5/6/12	PRODUCTION None
RTD 4389 LTD	ELECTRICAL SURVEYS
MUD UP 3566 TYPE MUD Chemical	- None -
SAMPLES SAVED FROM	
SAMPLES EXAMINED FROM	
GEOLOGICAL SUPERVISION FROM 3800	
GEOLOGIST ON WELL Dave Montogue (A.P.I. 15	<u> </u>
FORMATION TOPS LOG SAMPLES	
Anhydrite 2171 (+ 719	<u> </u>
Heebner 3900 (+1010 1010	
BKC 4313 (-142	
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DAILY	PENETRATION				BIT RE	CORDS		
DATE	DEPTH	NO	SIZE	NAKE .	TYPE	DEPTH OUT	FEET	HOURS
4 /30/12	Spudat 8 A.M.	1	12 1/4"		Smith	218'	218	21/2
	Drig 1444'	2	7 7/8"		Sm-F-27			
5/2/12	Drig 2837'						,	
	Drlg 3529'				•			
5/4/12	Drlg 4012'					·.		
5/5/12	Drlg 4193'							. `
5 /6 /12	тоон 4389'							
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			[DRILL S	TEM TES	TS	
No.	Interval	IFP/Time	ISIP/Time	fFP/Tise	FSIP/Time	інн-гин	RECOVERY
1	4122 to 4152	7-14 30"	724 30"	15-20 30"	715 30"	1962 1961	Ree 10' Oily Mud
REMA	RKS AND RECOMMENDA	TIONS					
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W							, Heebner	29001-1010				t ansing						~~							
	The second secon										~~.				47		43			2.54	. A.		25		
Miles and comment			,																						

Vis 56, 8.9 wt	DST No. 1, 4122-4152 30-30-30-30 Bec 10' O; ly Wud SIP 724-715 FP 7-14:15-20 HP 1962-1961	Margay Wody Vis 351, 8.9 wt, 64 wc Chil 2000 ppm	5HT 10 Swap 1.7		1/2 52, 9.0W+		Margay, 9.1 wt, 7.2 wc
12, qry, 14 qry, mad x la gres, no shew w/15, cru tu x la. chert, sh, dt qry, 140 red	12 Court, to x x x x x x x x x x x x x x x x x x	1 Chalk	20" (m, the ylum, 1+qry, who shows as a state of the ylum of the ylum of the ylum, of the ylum, of the ylum, the ylu	15, (Mu, Wh, for Xlun, Sh. 15, Havy, Wh, the x lun 15, Havy, Wh, the x lun 15, Havy, Wh, the x lun 15, tau, quy, to - weed Xlun 15, tau, quy, tau, tau, tau, tau, tau, tau, tau, tau	14 pt 4 gry but in XIn (Weith w pt , 5 cet propo 15,14 gr, wh, bu Xin, Charles 5,0 dr, tow, dus, Charles 5,0 hove 5,0 hove	Town and huy Comental, no shows to the day, quy, Cruy, for xto day. 15. If quy, duy, w/ chart gruy, trosh Sh, blk (carb) Some red	grund, the xlor, gally alay pr vis 6, no show 15, lt gry, gry, fu-wed xlor dos 15, lt gry, gry, fu-wed Xlor fils fils fils fils fils fils fils fils
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REMIT TO

Consolidated Oil Well Services, LLC Dept. 970 P.O. Box 4346 Houston, TX 77210-4346

MAIN OFFICE

P.O. Box 884 Chanute, KS 66720 620/431-9210 • 1-800/467-8676 Fax 620/431-0012

INVOICE

Invoice #

Invoice Date:

05/09/2012

Terms: 10/10/30, n/30

Page

KNIGHTON OIL CO BUILDING 100 SUITE A 1700 N. WATERFRON PARKWAY WICHITA KS 67206 (316)264-7918

CAROLYN #4 33810

30-18-30

05-06-2012

KS

			1	
Part Number 1131 1118B 1107 4432	Description 60/40 POZ MIX PREMIUM GEL / BENTONITE FLO-SEAL (25#) 8 5/8" WOODEN PLUG	Qty 270.00 928.00 67.50 1.00	Unit Price 15.1000 .2500 2.8200 96.0000	Total 4077.00 232.00 190.35 96.00
Sublet Performed 9999-130 9999-130	Description CASH DISCOUNT CASH DISCOUNT			Total -459.54 -230.06
Description 439 TON MILEAGE DE 463 P & A NEW WELL 463 EQUIPMENT MILE		Hours 1.00 1.00 40.00	Unit Price 775.60 1325.00 5.00	Total 775.60 1325.00 200.00



Amount Due 7185.46 if paid after 06/08/2012

4595.35 Freight: .00 Tax: 260.56 AR 6466.91

Labor: .00 Misc: .00 Total: 6466.91 Sublt: -689.60 Supplies: .00 Change: .00

Signed Date



TICKET NUMBER	33810
LOCATION Oak	4 115
FOREMAN M.	es Shaw _

D '	TICKET	· Q	TDEA	TMENT	REPORT
 8 5	H BR - FR B B	- 1			

-431-9210 o	r 800-467-8676			CEMEN	5			נא
DATE	CUSTOMER#		NAME & NUM		SECTION	TOWNSHIP	RANGE	COUNTY
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	Mnight	on Oil		1/2 W	TRUCK#	DRIVER	TRUCK#	DRIVER
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Υ		STATE	ZIP CODE	Intu				
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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.

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 Ward Loyd, Commissioner Thomas E. Wright, Commissioner

May 22, 2012

David D. Montague Knighton Oil Company, Inc. 1700 N WATERFRONT PKY BLDG 100 STE A WICHITA, KS 67206

Re: ACO1 API 15-101-22359-00-00 Carolyn 4 SE/4 Sec.33-18S-30W Lane 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, David D. Montague