

Confidentiality Requested:

Yes No

### Kansas Corporation Commission Oil & Gas Conservation Division

1093984

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:			Sec	TwpS. R
Address 2:			Feet	from $\ \square$ North / $\ \square$ South Line of Section
City: St	ate: Ziŗ	D:+	Feet	from East / West Line of Section
Contact Person:			Footages Calculated from Ne	arest Outside Section Corner:
Phone: ()			□ NE □ NW	□ SE □ SW
CONTRACTOR: License #			GPS Location: Lat:	, Long:
Name:				. xx.xxxxx) (e.gxxx.xxxxx)
Wellsite Geologist:			Datum: NAD27 NAD27	
Purchaser:			County:	
Designate Type of Completion:			Lease Name:	Well #:
New Well Re-	·Fntrv	Workover	Field Name:	
	_		Producing Formation:	
☐ Oil ☐ WSW	SWD	SIOW	Elevation: Ground:	Kelly Bushing:
☐ Gas ☐ D&A ☐ OG	☐ ENHR	☐ SIGW ☐ Temp. Abd.	Total Vertical Depth:	Plug Back Total Depth:
CM (Coal Bed Methane)	G3W	iemp. Abd.	Amount of Surface Pipe Set a	and Cemented at: Feet
Cathodic Other (Core	Expl etc.)		Multiple Stage Cementing Co	
If Workover/Re-entry: Old Well Inf				Feet
Operator:				nent circulated from:
Well Name:			, ,	w/sx cmt.
Original Comp. Date:			loot doparto.	U/ U/_
	_	NHR Conv. to SWD		
Deepening Re-perf. Plug Back	Conv. to GS		Drilling Fluid Management F (Data must be collected from the	
Commingled	Permit #:		Chloride content:	ppm Fluid volume: bbls
Dual Completion	Permit #:		Dewatering method used:	
SWD	Permit #:		Location of fluid disposal if ha	uled offsite:
☐ ENHR	Permit #:		On a water Manage	
GSW	Permit #:			L'acces II
				License #:
Spud Date or Date Rea	iched TD	Completion Date or		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 III Approved by: Date:

Page Two



Operator Name:				_ Lease l	Name: _			Well #:		
Sec Twp	S. R	East \	West	County	:					
INSTRUCTIONS: Shopen and closed, flow and flow rates if gas to	ring and shut-in pres o surface test, along	sures, whether s with final chart(	shut-in pre s). Attach	ssure reac extra shee	hed stati t if more	c level, hydrosta space is neede	tic pressures, bot d.	tom hole temp	erature, flui	d recovery,
Final Radioactivity Lo- files must be submitte						ogs must be ema	ailed to kcc-well-lo	gs@kcc.ks.go	v. Digital el	ectronic log
Drill Stem Tests Taker (Attach Additional S		Yes	☐ No		_		on (Top), Depth ar			mple
Samples Sent to Geo	logical Survey	Yes	No		Nam	е		Тор	Da	tum
Cores Taken Electric Log Run		Yes Yes	☐ No ☐ No							
List All E. Logs Run:										
			CASING		☐ Ne					
		1				ermediate, product		T	_	
Purpose of String	Size Hole Drilled	Size Cas Set (In O		Weig Lbs./		Setting Depth	Type of Cement	# Sacks Used		d Percent itives
		AD	DITIONAL	CEMENTIN	NG / SQL	JEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Ce	ement	# Sacks	Used		Type and P	ercent Additives		
Perforate Protect Casing	100 20111111									
Plug Back TD Plug Off Zone										
1 lug 0 li 20110										
Did you perform a hydrau	ulic fracturing treatment	on this well?				Yes	No (If No, ski	p questions 2 ar	nd 3)	
Does the volume of the to								p question 3)		
Was the hydraulic fractur	ing treatment information	on submitted to the	e chemical c	disclosure re	gistry?	Yes	No (If No, fill	out Page Three	of the ACO-1	)
Shots Per Foot		ION RECORD - I					cture, Shot, Cement		d	Depth
						,		,		
TUBING RECORD:	Size:	Set At:		Packer A	t:	Liner Run:				
							Yes No			
Date of First, Resumed	Production, SWD or Ef		ducing Meth Flowing	od:	g 🗌	Gas Lift (	Other (Explain)			
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wate	er B	bls. 0	as-Oil Ratio		Gravity
DISPOSITIO	ON OF GAS:		N/	1ETHOD OF	COMPLE	TION:		PRODUCTION	)N INTER\/^	1.
Vented Sold		Open I	_	Perf.	Dually	Comp. Cor	mmingled	THODOCTIC	ZIN IIN I ERVA	<b>L.</b>
	bmit ACO-18.)	Other	(Specific)		(Submit )		mit ACO-4)			



## **DIAMOND TESTING**

P.O. Box 157

## HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313 STC 30035.D0172 Page 1 of 2 Pages

Company Knighton Oil Company, Inc.	Lease & Well No. Casey	No. 4
Elevation 2090 EGL Formation Arbuckle	Effective Pay	Ft. Ticket No. S0172
Date 7-8-12 Sec. 16 Twp. 9S Range 19W		
Test Approved By David D. Montague	Diamond Representative	Jacob McCallie
Formation Test No. 1 Interval Tested from 3,484	ft. to 3,528 ft.	Total Depth 3,528 ft.
Packer Depth3,479_ft. Size63/4 in.	Packer Depth	ft. Size in.
Packer Depth 3,484 ft. Size 63/4 in.	Packer Depth	ft. Size in.
Depth of Selective Zone Setft.	Philipping and the second seco	
Top Recorder Depth (Inside) 3,465 ft.	Recorder Number 30035	Cap10,000 psi
Bottom Recorder Depth (Outside) 3,525 ft.	Recorder Number 3851	Cap. <u>5,700</u> psi
Below Straddle Recorder Depthft.	Recorder Number	Cappsi
Drilling Contractor WW Drilling, LLC - Rig 6	Drill Collar Length	121 ft. I.D. 2 1/4 in.
Mud Type Chemical Viscosity 65	Weight Pipe Length	ft. I.Din.
Weight 9.0 Water Loss 7.6 cc.	Drill Pipe Length	3,330 ft. LD. 31/2 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	44 ft. Size 4 1/2 - FH in.
Did Well Flow? No Reversed Out No	Surface Choke Size	1 in. Bottom Choke Size5/8 in.
1	Main Hole Size	77/8 in. Tool Joint Size 4½-FH in.
Blow: 1st Open: Weak, ½ in. blow building to 9 3/4 ins. in 2nd Open: Weak, ¼ in. blow building to 10 ins. in 4.	n 30 mins. No blow back du 5 mins. Weak, surface blow	ring shut-in. back during shut-in.
Recovered 128 ft. of clean oil = 1.346630 bbls. (Grind or	ut: 100%-clean oil) Gravit	y: 22 @ 60°
Recovered 70 ft. of oily mud = .344400 bbls. (Grind out	: 15%-oil; 85%-mud)	
Recovered 198 ft. of TOTAL FLUID = 1.691030 bbls.		
Recoveredft. of		
Recovered ft. of	,	
Remarks Tool Sample Grind Out: 50%-oil; 50%-mud		
XXXIII.		
Time Set Packer(s) 9:30 P.M. Time Started Off	Bottom 12:45 A.M.	Maximum Temperature 107°
Initial Hydrostatic Pressure	(A) 1677 P.S.I.	
Initial Flow Period Minutes 30	(B) 10 P.S.I.	to (C) 58 P.S.I.
Initial Closed In Period Minutes 30	(D) 944 P.S.I.	
Final Flow Period Minutes 45	_(E)65P.S.I.	to (F) <u>88</u> P.S.I.
Final Closed In Period Minutes 90	_(G)968P.S.I.	
Final Hydrostatic Pressure	(H) <u>1677</u> P.S.I.	

# Diamond **Testing**

Page 2 of 2 Pages

## **General information Report**

### **General Information**

Company Name Knighton Oil Co Inc

Contact **Well Name Unique Well ID** 

DST#1 Arbuckle 3484-3528' SEC 16-9S-19W Rooks County

Jelinek Vertical

S0172 Job Number Representative Jacob McCallie

Knighton Oil Co Inc Well Operator **Report Date** Prepared By

2012/07/09 Jacob McCallie

**Test Type** Formation Well Fluid Type

**Surface Location** 

Field

Well Type

**Well License Number** 

**Drill Stem Test** DST #1 Arbuckle 3484-3528'

01 Oil

**Dave Montague** 

Casey #4

**Start Test Time Final Test Time** 

19:12:00 03:15:00

**Start Test Date Final Test Date**  2012/07/08 2012/07/09

30035

**Gauge Name** Gauge Serial Number

## **Test Results**

RECOVERED:

128' 70' 1981

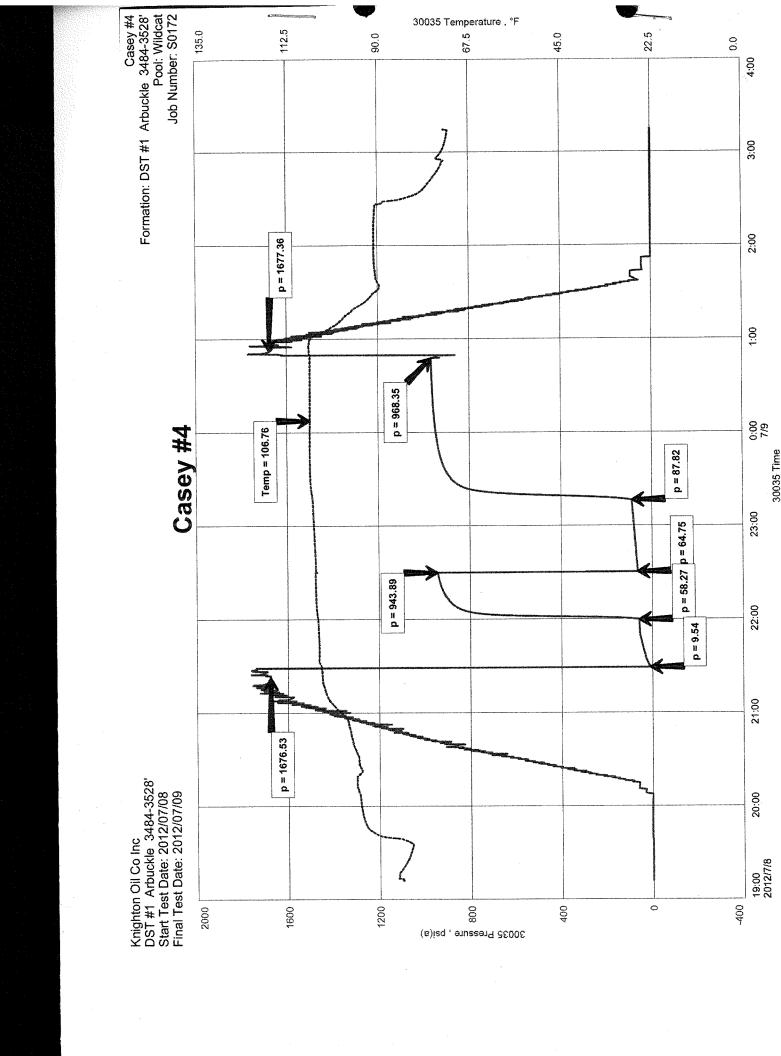
CO Oily Mud **TOTAL FLUID**  100% CO

GRAVITY: 22 @ 60 degrees F

15% OIL 85% MUD

**TOOL SAMPLE:** 

50% OIL 50% MUD





#### **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

KNIGHTON OIL CO BUILDING 100 SUITE A 1700 N. WATERFRON PARKWAY WICHITA KS 67206 (316)264-7918 CASEY #4 36985 16-9-19 07-05-2012 KS

Part Number Description Qty Unit Price Total 1104S CLASS "A" CEMENT (SALE) 160.00 17.6500 2824.00

1102 CALCIUM CHLORIDE (50#) 450.00 .8900 400.50 1118B PREMIUM GEL / BENTONITE 300.00 .2500 75.00 Sublet Performed Description Total

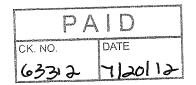
 9996-130
 CEMENT MATERIAL DISCOUNT
 -329.95

 9995-130
 CEMENT EQUIPMENT DISCOUNT
 -178.74

Description Hours Unit Price Total 399 CEMENT PUMP (SURFACE) 1.00 1085.00 1085.00 399 EQUIPMENT MILEAGE (ONE WAY) 40.00 5.00 200.00 460 TON MILEAGE DELIVERY 502.40 1.00 502.40

Cement Surface Cosing

Casey (44)





Amount Due 5294.77 if paid after 08/10/2012

 Parts:
 3299.50 Freight:
 .00 Tax:
 187.08 AR

 Labor:
 .00 Misc:
 .00 Total:
 4765.29

 Sublt:
 -508.69 Supplies:
 .00 Change:
 .00

Signed\_\_\_\_\_\_Date\_\_\_\_

BARTLESVILLE, OK 918/338-0808 EL DORADO, KS 316/322-7022

EUREKA, KS 620/583-7664 PONCA CITY, OK 580/762-2303 OAKLEY, KS 785/672-2227 OTTAWA, KS 785/242-4044 THAYER, KS 620/839-5269 GILLETTE, WY 307/686-4914

4765.29



TICKET NUMBER_	36985
LOCATION_	Klen Ks
FOREMAN_ LJa	att Dukal

PO	<b>Box</b>	884,	Cha	nute,	KS	66720
620	-431	-9210	or	800-	467-	8676

# **FIELD TICKET & TREATMENT REPORT**

620-431-9210	or 800-467-8676	<b>3</b>		CEMEN	T			
DATE	CUSTOMER#	i	NAME & NUM	BER	SECTION	TOWNSHIP	RANGE	COUNTY
7-5-12	4495	Case	ey #4		16	93	1900	Rocks
CUSTOMER	1 51	Co Inc		Zorzeli	TRUCK#	DRIVER	TRUCK#	DRIVER
MAILING ADDRE		Co, Luc		2/4N	399	Damou W		BIRVEIC
				Wis	460	Bolola St		2 2000
CITY		STATE	ZIP CODE		100	Day 201	CHE SE	AL KAUGGE
		·						
IOB TYPE	orFace	HOLE SIZE	12/4	I HOLE DEPT⊦	217	CASING SIZE & W	EIGHT 8	k - 20#
CASING DEPTH	212	DRILL PIPE	·				OTHER	
SLURRY WEIGH		SLURRY VOL_			k	CEMENT LEFT in	CASING 1.5	'to 20'
DISPLACEMEN"	12/2	DISPLACEMEN	T PSI	MIX PSI		RATE	Pai	
REMARKS:	Sc. Fot. M.	antius.	1712 WID	on Wa	W-6 CIM	RATE 58	on botto	~
MIX I	60 SKS CO	M. 3% CC	- 3%/0	1. Displ	oce 12%	BD/ H20	Shufin	<u> </u>
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ACCOUNT CODE	QUANITY	or UNITS	DI	ESCRIPTION of	SERVICES or PR	RODUCT	UNIT PRICE	TOTAL
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	1/1	11 11/					SALES TAX	187.08
Ravin 3737		WYW	<u></u>				ESTIMATED	1171 5 0
	John						TOTAL	4.100,0°
AUTHORIZTIO	N_//			TITLE			DATE	

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

251062



#### **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

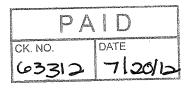
620/431-9210 • 1-800/467-8676 Fax 620/431-0012

INVOICE Invoice # 251075 Invoice Date: 07/11/2012 Terms: 10/10/30,n/30

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

CASEY #4 36722 16-9-19 07-09-2012 KS

Part Number	Description	Qty	Unit Price	Total
1126	OIL WELL CEMENT	175.00	22.5500	3946.25
1131	60/40 POZ MIX	350.00	15.1000	5285.00
1118B	PREMIUM GEL / BENTONITE	2408.00	.2500	602.00
1107	FLO-SEAL (25#)	88.00	2.8200	248.16
1144G	MUD FLUSH (SALE)	500.00	1.0000	500.00
4159	FLOAT SHOE AFU 5 1/2"	1.00	413.0000	413.00
4454	5 1/2" LATCH DOWN PLUG	1.00	.0000	.00
4277	DV TOOL SIZE 5 1/2" (STA	1.00	4800.0000	4800.00
4130	CENTRALIZER 5 1/2"	6.00	58.0000	348.00
4104	CEMENT BASKET 5 1/2"	2.00	276.0000	552.00
Sublet Performed	Description			Total
9996-130	CEMENT MATERIAL DISCOUNT			-1669.44
9995-130	CEMENT EQUIPMENT DISCOUNT			-499.64
Description		Hours	Unit Price	Total
460 MIN. BULK DELI	VERY	1.00	1751.40	1751.40



3020.00

5.00

Amount Due 22742.56 if paid after 08/10/2012

1.00

45.00

16694.41 Freight: .00 Tax: Parts: 946.58 AR Labor: .00 Misc: .00 Total: 20468.31

Sublt: -2169.08 Supplies: .00 Change: .00



Signed Date

T-118 SINGLE PUMP

T-118 EQUIPMENT MILEAGE (ONE WAY)

3020.00

20468.31

225.00



TICKET NUMBER	36722
LOCATION_ OAK	دامر
FOREMAN T.	\

		CIC	I D TICKE	T O TDEA	TMENT REF	OKEMAN	<u> </u>		
	hanute, KS 667 or 800-467-8676		LD HCKE	CEMEN		ORI		Ks	
DATE	CUSTOMER#	WELL	NAME & NUM	BER	SECTION	TOWNSHIP	RANGE	COUNTY	
7.9.12	4495	CAS	04 #4		16	95	ادرس	Rooks	
CUSTOMER	نا م:			Zuriak					
MAILING ADDR	hton o	.( (0.		212N	TRUCK#	DRIVER	TRUCK#	DRIVER	
THE RESTRICTION OF THE PERSON				won	466	m:1055		·	
CITY		STATE	ZIP CODE	4	460	Thomas B			
OH I		SIAIE	ZIP CODE		456	W-SF			
JOB TYPE 2 ·	Stage	HOLE SIZE	3150	_ _ HOLE DEPTH	135	CASING SIZE & V	VEIGHT <u></u> 5 ' (っ	141/4	
CASING DEPTH <u> ろくえる´</u> DRILL PIPETUB					OTHER DU - 1468				
SLURRY WEIGHT SLURRY VOL WA				WATER gal/s	sk CEMENT LEFT in CASING 2147				
DISPLACEMENT 85.5 DISPLACEMENT PSI MIX PSI RATE  REMARKS: 548 dy meeting on wo-wolf. Flort equip cent 1,3,5,7,49,52									
REMARKS: 5	asay me	exting o	w w-u	J#6. F	los frol	ris cent	1,3.5	7,49,52	
Baskute	5-49,51	, DU Too	12050	Rica	Andes	c ahas.	Pumas	BAL.	
water.	SOOGAL MI	ed Flush	1 < 824	worker to.	Miy 17556	4 ouc	exch & com	y hines	
Draw plus	and displa	ce 50 89	Lundok	36 BAL	mud Lier	P1055 70	of land a	9 1300*	
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wanter	Mir 300	sks in R	H. Mix	3255E	5 60140	8 90 cal "1	4 & lose	۸۱.	
wash	DUMP + 1	- Ned D	2014 901	to bag	SOLACE:	36 B86 4	8 97 PK	00x 1,24	
01054	DU Tool	@ 1600	Cen	ent dic	& circul	organ o te	¥ 2044	6 40 bit	
						hants -			
ACCOUNT CODE	QUANITY	or UNITS	DE	SCRIPTION of	SERVICES or PR	ODUCT	UNIT PRICE	TOTAL	
54012	1		PUMP CHARG	Е			30200	302000	
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					7			1 101	

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54012	1	PUMP CHARGE	30200	302000
5406	45	MILEAGE	500	2250
5407	23-3 40 N	Ton mileage Delivory	167	175140
				·
1126	1755KS	owc	22 55	3946 35
1131	350545	60(40,005	1510	5285
11183	2408*	Bendonide	1,25	60200
1107	88*	Plo-5+41	282	248 -
11446	500 941	Mud Flush	100	50000
41159	l	512 - ATU Float shoe	413 00	41300
4454	l	512. Laterdown Assy	30300	NIC
4277		Sila- DU Tool (w)	480000	480000
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4104	2	513. Baskins	27600	55200
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		subtota		1952173
Ravin 3737			SALES TAX	946.58
AUTUODI	Homes la		ESTIMATED TOTAL	20468.311

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

TITLE\_

251075

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

September 18, 2012

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

Re: ACO1 API 15-163-24051-00-00

Casey 4 SE/4 Sec.16-09S-19W

Rooks 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