

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
September 1999  
Form Must Be Typed

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 33921  
Name: Gra Ex, L.L.C.  
Address: P.O. Box #32  
City/State/Zip: Kingman, KS 67068  
Purchaser: SimCrude (Oil) Lumen (Gas - Waiting on Hook-up)  
Operator Contact Person: Don Graber  
Phone: ( 620 ) 532-6290  
Contractor: Name: Fossil Drilling, Inc.  
License: 33610  
Wellsite Geologist: Jeffrey A. Burk

Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SLOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-entry: Old Well Info as follows:  
Operator: N/A

Well Name: N/A  
Original Comp. Date: N/A Original Total Depth: N/A  
 Deepening  Re-perf.  Conv. to Enhr./SWD  
 Plug Back  Plug Back Total Depth  
 Commingled Docket No. N/A  
 Dual Completion Docket No. N/A  
 Other (SWD or Enhr.?) Docket No. N/A

<u>02/12/07</u>	<u>02/22/07</u>	<u>04/24/07 (Oil) (Gas -SI)</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 185-23,418-0000  
County: Stafford  
100n E/2 SE SE Sec. 11 Twp. 24 S. R. 14  East  West  
760' feet from S N (circle one) Line of Section  
330' feet from E W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Keolsch Well #: #1  
Field Name: Rattlesnake Extension  
Producing Formation: Mississippian  
Elevation: Ground: 1936' Kelly Bushing: 1942'  
Total Depth: 4250' Plug Back Total Depth: 4202'  
Amount of Surface Pipe Set and Cemented at 239.63' Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set N/A Feet  
If Alternate II completion, cement circulated from N/A  
feet depth to N/A w/ N/A sx cmt.

Drilling Fluid Management Plan Att. I SB  
(Data must be collected from the Reserve Pit) 3-25-08  
Chloride content 16,2000 ppm Fluid volume 2000 bbls  
Dewatering method used allowed free fluids to settle & then hauled off  
Location of fluid disposal if hauled offsite:  
Operator Name: Ge oil Service  
Lease Name: Hyter SWD License No.: 32482  
Quarter NE/4 Sec. 12 Twp. 24 S. R. 15  East  West  
County: Stafford Docket No.: D-19913

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature: [Signature]  
Title: Agent/Geologist Date: 1/18/08  
Subscribed and sworn to before me this 18th day of January,  
2008.  
Notary Public: [Signature]  
Richard A. Pape, Jr.  
Date Commission Expires: 8/14/08

**RICHARD A. PAPE, JR.**  
Notary Public - State of Kansas  
My Appt. Expires 8/14/08

**KCC Office Use ONLY**

Letter of Confidentiality Received  
 If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

**RECEIVED**  
KANSAS CORPORATION COMMISSION  
**JAN 18 2008**  
CONSERVATION DIVISION  
WICHITA, KS

JAN 18 2008

Operator Name: Gra Ex, L.L.C. Lease Name: Keolsch **CONSERVATION DIVISION** #1  
 Sec. 11 Twp. 24 S. R. 14  East  West County: Stafford **WICHITA, KS**

**INSTRUCTIONS:** Show important tops and base 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. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	King Hill	3238	(-1302)
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Heebner	3445	(-1511)
List All E. Logs Run:		Lansing	3609	(-1673)
		B/KC	3850	(-1914)
		Mississippian	3954	(-2018)
		Viola	4022	(-2086)
		Arbuckle	4192	(-2256)
		Complete Drilling Report Attached		

Dual Induction, Compensated Neutron Density  
Micro Log, Cement Bond Log

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, 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
Surface Casing	12 1/4"	8 5/8"	23#	239.63	Common	225	3% CC, 2% ge;
Production String	7 7/8"	4 1/2"	10.5#	4236'	50/50 poz	260	.10% salt, .3% FLA 322
							.5% DF, 5#/sx. gilsonite

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing	N/A	N/A	N/A	N/A
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone	N/A	N/A	N/A	N/A

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth
4 spf	3954' - 3964'	500 gallons of 15% MCA Acid	3954'-64'
		1200 gallons of 15% NE/FE Acid	3954'-64'
		41,000# sand & 33,800 gallons XL gelled water	3954'-64'

TUBING RECORD	Size 2 3/8"	Set At 4052' (KB)	Packer At N/A	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
---------------	----------------	----------------------	------------------	--

Date of First, Resumerd Production, SWD or Enhr. 04/24/07 (Oil) (Gas -SI)	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
--	---

Estimated Production Per 24 Hours	Oil Bbbs. 20	Gas Mcf 250 MCF (SI)	Water Bbbs. 20	Gas-Oil Ratio 12.5/1	Gravity 38
-----------------------------------	-----------------	-------------------------	-------------------	-------------------------	---------------

Disposition of Gas	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify)	N/A N/A

**SIROKY OIL MANAGEMENT, INC.**  
**P.O. BOX 464**  
**PRATT, KS 67124**  
**1-620-672-5625**

**KOELSCH DAILY DRILLING**

- 02/12/07 Will finish moving rig into location. Expected to rig up and spud today. Spud @ 7:00 PM. Drill to RTD of 244'. Run 5 Jts-8 5/8", 23# surface casing; tallied @ 228.63'. Set @ 239.63'. Cemented with 225 sxs by Allied Cementing. Plug down @ 4:00 AM, cement did circulate.
- 02/13/07 244' @ 7:00 AM, waiting on cement.
- 02/14/07 1190' @ 8:00 AM. Drilling ahead.
- 02/15/07 2206' @ 8:00 AM. Drilling ahead.
- 02/16/07 3017' @ 8:00 AM. Drilling ahead.
- 02/17/07 3607' @ 8:00 AM. Drilling ahead.  
Sample Tops:  
King Hill 3242' (-1306)  
Queen Hill 3347' (-1411)  
Heebner 3449' (-1513)  
Douglas Shale 3488' (-1552)  
Brown Lime 3586' (-1650)  
Lansing 3612' (-1676)  
'F' Zone 3678' (-1742)  
'H' Zone 3753' (-1817)  
DST #1 3618'-3645'  
Times 30-45-30-45  
1<sup>st</sup> opening, weak blow, built to 6"  
2<sup>nd</sup> opening, weak blow, built to 1 3/4"  
Recovered 150' drilling mud.  
IHP 1704 FHP 1689  
IFP 84-84 FFP 89-90  
ISIP 1106 FSIP 1014  
Temp 108°
- 02/18/07 3690' @ 8:00 AM. CFS

RECEIVED  
KANSAS CORPORATION COMMISSION

JAN 18 2008

CONSERVATION DIVISION  
WICHITA, KS

02/19/07 3780' @ 8:00 AM. DST#2 – preparing to start off bottom with test.

02/20/07 3972' @ 8:00 AM. DST #3 – going in hole w/ test tool. Testing Mississippi.

DST #2 results –

3762' to 3780', Lansing 'J' Zone.

Times 30-45-60-90

IHP 1841 FHP 1808

IFP 33-67 FFP 70-125

ISIP 1006 FSIP 1030

Recovered 45' HOCM (20% oil, 80% mud)

62' SOCW (4% oil, 96% water)

125.5' W (100% water)

B/KC – 3855' (-1919)

EROS MISS – 3948' (-2012)

Clean MISS – 3956' (-2020)

68 HW, 38 Ch.

DST#3 – 3910' – 3972' (Miss)

Times 30-45-60-90

GTS 2 min, 2 opening

Max gauge 12.64 MCF

Rec 80' SBCM (5% gas, 95% mud)

IHP 2031 FHP 1975

FFP 29-32 FFP 36-59

ISIP 1215 FSIP 1243

02/21/07 4154' @ 8:00 AM. Drilling ahead.

02/22/07 4250' @ 8:00 AM. RTD. Preparing to run 4 ½" casing.

Sample Tops:

Kinderhook Shale – 3968' (-2032)

Viola – 4024' (-2088)

Simpson – 4140' (-2204)

Arbuckle – 4195' (-2259)

**Log Tops (Note: LTD was 6' shallow to RTD):**

King Hill 3238 (-1302)

Queen Hill 3342 (-1406)

Heebner 3445 (-1511)

Douglas 3484 (-1557)

Brown Lime 3582 (-1646)

Lansing 3609 (-1673)

"F" zone 3675 (-1739)

"H" zone 3749 (-1813)

Base/ KC 3850 (-1914)

Ero Miss. 3944 (-2008)

RECEIVED  
KANSAS CORPORATION COMMISSION

JAN 18 2008

CONSERVATION DIVISION  
WICHITA, KS

Miss. 3954 (-2018)  
Kinderhook 3964 (-2028)  
Viola 4022 (-2086)  
Simpson Sh. 4137 (-2201)  
Arbuckle 4192 (-2256)  
LTD 4244 (-2308)

Started running casing @ 8:30 a.m. Ran 101 jts. of new 4 1/2" (J-55 - Foreign) and stacked out 40' off bottom. Circulated down to total depth and CTCH. Set casing @ 4234' (10' off bottom - LTD) w/ the following float Equipment:

Centralizers - 1<sup>st</sup> joint (shoe)  
6<sup>th</sup> joint  
8<sup>th</sup> joint  
11<sup>th</sup> joint  
15<sup>th</sup> joint  
23<sup>rd</sup> joint  
Scratchers - Top of joint #7  
Bottom of joint #8  
(3936' - 3979')  
Basket - 4<sup>th</sup> joint

Cemented rat hole w/ 15 sxs. of 50/50 poz mix. Cemented casing w/ 1000 gallons of mud flush and 260 sxs. of 50/50 poz mix while rotating the casing string. Plug landed @ 1:58 p.m. Pressured up to 1500#, released back and the latch down plug held. Set the slips in the Braden head, removed landing joint, & released rig @ 3:00 p.m.

**END OF REPORT**

RECEIVED  
KANSAS CORPORATION COMMISS

**JAN 18 2008**

CONSERVATION DIVISION  
WICHITA, KS





**SALES OFFICE:**  
 100 S. Main  
 Suite #607  
 Wichita, Ks. 67202  
 316-262-3699  
 316-262-5799 FAX

**SALES & SERVICE OFFICE:**  
 10244 NE. Hwy 61  
 P.O. Box 8613  
 Pratt, Ks. 67124-8613  
 620-672-1201  
 620-672-5383 FAX

**SALES & SERVICE OFFICE:**  
 1700 S. Country Estates Rd.  
 P.O. Box 129  
 Liberal, Ks. 67905-0129  
 620-624-2277  
 620-624-2280 FAX

**Invoice**

<b>Bill to:</b> Gra-Ex LLC PO Box 32 Kingman, KS 67068  <i>C 71730</i>	2007004	<b>Invoice</b>	<b>Invoice Date</b>	<b>Order</b>	<b>Station</b>
		702146	02/22/07	15952	Pratt
	<b>Service Description</b>				
	<b>Cement</b>				
<b>CustomerRep</b>		<b>Lease</b>	<b>Well</b>	<b>Well Type</b>	
Jeff Burke		Koelsch	1	New Well	
		<b>AFE</b>	<b>PO</b>	<b>Terms</b>	
				Net 30	
		<b>Treater</b>			
		Clarence Messick			

ID.	Description	UOM	Quantity	Unit Price	Price
D204	50/50 POZ	SK	275	\$9.91	\$2,725.25 (T)
C194	CELLFLAKE	LB	55	\$3.70	\$203.50 (T)
C195	FLA-322	LB	176	\$8.25	\$1,452.00 (T)
C243	DEFOAMER	LB	22	\$3.45	\$75.90 (T)
C310	CALCIUM CHLORIDE	LBS	438	\$1.00	\$438.00 (T)
C311	CAL SET	LBS	1304	\$0.54	\$704.16 (T)
C320	CEMENT GELL	LB	438	\$0.25	\$109.50 (T)
C302	MUD FLUSH	GAL	1000	\$0.86	\$860.00 (T)
F100	TURBOLIZER, 4 1/2"	EA	6	\$67.00	\$402.00 (T)
F120	BASKET, 4 1/2"	EA	1	\$220.00	\$220.00 (T)
F170	I.R. LATCH DOWN PLUG & BAFFLE, 4 1/2"	EA	1	\$230.00	\$230.00 (T)
F240	FLOAT SHOE REGULAR, 4 1/2"	EA	1	\$155.00	\$155.00 (T)
F292	CEMENT SCRATCHERS ROTATING TYPE	EA	6	\$50.00	\$300.00 (T)
F800	THREADLOCK COMPOUND KIT	EA	1	\$30.00	\$30.00 (T)
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	60	\$5.00	\$300.00
E101	CAR, PICKUP OR VAN MILEAGE - 1 WAY	MI	30	\$3.00	\$90.00
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	348	\$1.60	\$556.80
E107	CEMENT SERVICE CHARGE	SK	275	\$1.50	\$412.50
R209	CASING CEMENT PUMPER, 4001-4500' 1ST 4 HRS ON LOC	EA	1	\$1,764.00	\$1,764.00
R701	CEMENT HEAD RENTAL	EA	1	\$250.00	\$250.00
R702	CASING SWIVEL RENTAL	EA	1	\$150.00	\$150.00
R404	DERRICK CHARGE, ABOVE 10'	EA	1	\$250.00	\$250.00

**RECEIVED**  
 KANSAS CORPORATION COMMISSION  
**JAN 18 2008**  
 CONSERVATION DIVISION  
 WICHITA, KS

**Sub Total:** \$11,678.61

**Discount:** \$1,867.74

**Discount Sub Total:** \$9,810.87

**Stafford County & State Tax Rate: 6.30% Taxes:** \$418.38

**(T) Taxable Item Total:** \$10,229.25

**PLEASE REMIT TO Acid Services, LLC Dept No: 1131 Tulsa, OK 74182**

Accounts are past due net 30 days following the date of invoice. Finance charge of 1 1/2% per month or 18% annual percentage rate will be charged on all past due accounts. Customer agrees not to withhold payment of any invoice, or assert any right of offset, recoupment or any other defense to payment of any invoice, on account of any right that you may now or hereafter have to payment from us, except for claims arising out of such invoice because of defects in the specific services described in such invoice. Additionally, you hereby waive any right that you may have under any state, federal or other law to assert



**FIELD ORDER** 15952

Subject to Correction

Date	2-22-07	Customer ID	GRA-Ex, LLC.	Lease	Koelsch	Well #	1	Legal	11-24S-14W
CHARGE				County	Stafford	State	KS.	Station	Pratt
				Depth		Formation		Shoe Joint	22.31 Feet
				Casing	1 1/2" 10.5lb.	Casing Depth	4,236 Ft.	TD	4,250 Ft.
				Customer Representative	Jeff Burke	Trainer	Clarence R. Messick	Job Type	Long String-New Well

AFE Number \_\_\_\_\_ PO Number \_\_\_\_\_ Materials Received by **X** *[Signature]*

Station Code	Product Code	QUANTITY	MATERIALS, EQUIPMENT, and SERVICES USED	UNIT PRICE	AMOUNT
P	D204	260 sk.	50/50 Poz		
P	D204	15 sk.	50/50 Poz		
P	C194	55 Lb.	Cellflake		
P	C195	176 Lb.	FLA-322		
P	C243	22 Lb.	Defoamer		
P	C310	438 Lb.	Calcium Chloride		
P	C311	1304 Lb.	Cal Set		
P	C320	438 Lb.	Cement Gel		
P	C302	1,000 Gal.	Mud Flush		
P	F100	6 ea.	Turbolizer, 4 1/2"		
P	F120	1 ea.	Basket, 4 1/2"		
P	F170	1 ea.	I.R. Latch Down Plug and Baffle, 4 1/2"		
P	F240	1 ea.	Float Shoe Regular, 4 1/2"		
P	F292	6 ea.	Cement Scratchers Rotating Type		
P	F800	1 ea.	Threadlock Compound kit		
P	E100	60 mi.	Heavy Vehicle Mileage, 1-Way		
P	E101	30 mi.	Pickup Mileage, 1-Way		
P	E104	348 tm.	Bulk Delivery		
P	E107	275 sk.	Cement Service Charge		
P	R209	1 ea.	Cement Pumper: 4,001 Ft. To 4,500 Ft.		
P	R701	1 ea.	Cement Head Rental		
P	R702	1 ea.	Casing Swivel Rental		
P	R404	1 ea.	Derrick Charge		
			Discounted Price =		\$9,810.87
			Plus taxes		