



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1309829  
OIL & GAS CONSERVATION DIVISION

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 # \_\_\_\_\_

Name: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Wellsite Geologist: \_\_\_\_\_

Purchaser: \_\_\_\_\_

Designate Type of Completion:

- New Well       Re-Entry       Workover
- 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:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

- Deepening       Re-perf.       Conv. to ENHR       Conv. to SWD
- Plug Back       Conv. to GSW       Conv. to Producer
- Commingled      Permit #: \_\_\_\_\_
- Dual Completion      Permit #: \_\_\_\_\_
- SWD      Permit #: \_\_\_\_\_
- ENHR      Permit #: \_\_\_\_\_
- GSW      Permit #: \_\_\_\_\_

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

\_\_\_\_\_ Feet from  North /  South Line of Section

\_\_\_\_\_ Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE       NW       SE       SW

GPS Location: Lat: \_\_\_\_\_, Long: \_\_\_\_\_  
(e.g. xx.xxxxx)      (e.g. -xxx.xxxxx)

Datum:  NAD27       NAD83       WGS84

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Vertical Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

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: \_\_\_\_\_

feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan

*(Data must be collected from the Reserve Pit)*

Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: \_\_\_\_\_

Location of fluid disposal if hauled offsite:

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

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: \_\_\_\_\_

1309829

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**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  Yes  No  
(Attach Additional Sheets)  
Samples Sent to Geological Survey  Yes  No  
Cores Taken  Yes  No  
Electric Log Run  Yes  No

Log Formation (Top), Depth and Datum  Sample  
Name Top Datum

List All E. Logs Run:

CASING RECORD <input 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

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				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well?  Yes  No (If No, skip questions 2 and 3)  
Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No (If No, skip question 3)  
Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?  Yes  No (If No, fill out Page Three of the ACO-1)

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth

TUBING RECORD: Size: \_\_\_\_\_ Set At: \_\_\_\_\_ Packer At: \_\_\_\_\_ Liner Run:  Yes  No

Date of First, Resumed Production, SWD or ENHR. \_\_\_\_\_ Producing Method:  
 Flowing  Pumping  Gas Lift  Other (Explain) \_\_\_\_\_

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS:	METHOD OF COMPLETION:	PRODUCTION INTERVAL:
<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	<input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled (Submit ACO-5) <input type="checkbox"/> Other (Specify) _____	<input type="checkbox"/> Commingled (Submit ACO-4)



DRILLERS LOG

TOP SOIL	0	TO	4
RED SILTY CLAY	4	TO	21
RIVER GRAVEL	21	TO	32
GREY SHALE	32	TO	93
TOP OF IANSING LIME	93	TO	95
SAND	95	TO	124
LIME	124	TO	125
SAND	125	TO	129
LIME	129	TO	164
DARK GREY SHALE	164	TO	262
LIME	262	TO	268
BLACK SHALE	268	TO	285
LIME	285	TO	295
SHALE	295	TO	298
LIME	298	TO	338
VERY SOFT WHITE LIME	338	TO	370
HARD LIGHT BROWN LIME	370	TO	381
BLACK SHALE	381	TO	382
LIME	382	TO	384
SHALE	384	TO	398
LIME	398	TO	399
SHALE	399	TO	432
TOP OF K.C. LIME	432	TO	435
SHALE	435	TO	441
LIME	441	TO	449
SHALE	449	TO	451
LIME	451	TO	505
STARK BLACK SHALE	505	TO	511
SWOPE LIME	511	TO	532
HUSH BLACK SHALE	532	TO	537
LIME	537	TO	543
SHALE	543	TO	545
LIME	545	TO	557
SHALE	557	TO	560
K.C. BASE LIME	560	TO	562
PLEASINGTON SHALE	562	TO	746
LIME	746	TO	758
SHALE	758	TO	820
LIME	820	TO	833
SHALE	833	TO	851
LIME	851	TO	854
BLACK SHALE	854	TO	857
GREY SHALE	857	TO	869
LIME	869	TO	875
SHALE	875	TO	888
COAL	888	TO	889
LIME	889	TO	895
SHALE	895	TO	897
LIME	897	TO	900
LITTLE OSAGE BLACK SHALE	900	TO	905
BLACK JACK CREEK LIME	905	TO	909
EXCELLO BLACK SHALE	909	TO	913
MULKY SHALE	913	TO	916
UPPER LAGONDA SHALE	916	TO	942
1ST. LIME CAP ROCK	942	TO	943
SHALE & CRUDE OIL ODOR	943	TO	945 1/2
2ND. LIME CAP ROCK	945 1/2	TO	946 1/2
<u>PUT ON CORE BARREL</u>			
VERY GOOD LAM. OIL SAND	946 1/2	TO	947 1/2
GREY SHALE	947 1/2	TO	948 1/2
VERY GOOD LAM. OIL SAND	948 1/2	TO	949 1/2
EXCELLENT SOLID OIL SAND	949 1/2	TO	952 1/2
GOOD LAM. OIL SAND	952 1/2	TO	953 1/2
EXCELLENT SOLID OIL SAND	953 1/2	TO	954 1/2
VERY GOOD LAM. OIL SAND	954 1/2	TO	955

JERRY RANES OIL COMPANY  
617 FIRST STREET  
LEROY, KANSAS 66857

MURRAY LEASE WELL # 16  
SW SW NW NW SEC. 24 TWN. 23S. RGE 16E  
WOODSON COUNTY  
4045' FROM SOUTH LINE  
5240' FROM EAST LINE  
API # 15-207-26367-0000  
SET 41' OF 23# 7" SURFACE PIPE 1-3-1997  
USED 21 SX. OF PORTLAND "A" CEMENT  
USED 20 SX. OF PREMIUM GEL (BENTONITE)  
USED 1/2 SX. OF CALCIUM  
DRILLED 9 7/8" HOLE FOR SURFACE PIPE  
STARTED 6 1/2" HOLE ON 1-4-1997  
TOOK 1 CORE FROM 946 1/2 TO 963'  
REACHED T.D. OF 1020' ON 1-7-1997  
RAN 1006.70' OF 2 7/8" 8RD. EUE TUBING  
SET 2 1/2" BY 8" S/N @ 944'  
SET 2-2 7/8" BY 6 1/2" CENTRILIZERS  
CONSOLIDATED OIL SERVICES CEMENTED WELL  
CEMENTED LONG STRING WITH RIG OVER WELL  
CONTACTED CLAYTON TITEL @ CORPOR. COMM.

CONTRACTOR

LINCOLN 77 INC.  
530 REAPER LANE  
LEROY, KANSAS 66857-9510  
OPERATOR # 06448  
DRILLER: RICHARD E. WINN

FINISHED WELL 1-8-1997

COPY

LIME	285	TO	285
BLACK SHALE	285	TO	295
LIME	295	TO	298
SHALE	298	TO	338
LIME	338	TO	370
VERY SOFT WHITE LIME	370	TO	381
HARD LIGHT BROWN LIME	381	TO	382
BLACK SHALE	382	TO	384
LIME	384	TO	398
SHALE	398	TO	399
LIME	399	TO	432
SHALE	432	TO	435
TOP OF K.C. LIME	435	TO	441
SHALE	441	TO	449
LIME	449	TO	451
SHALE	451	TO	505
LIME	505	TO	511
STARK BLACK SHALE	511	TO	532
SWOPE LIME	532	TO	537
HUSH BLACK SHALE	537	TO	543
LIME	543	TO	545
SHALE	545	TO	557
LIME	557	TO	560
SHALE	560	TO	562
K.C. BASE LIME	562	TO	746
PLEASINGTON SHALE	746	TO	758
LIME	758	TO	820
SHALE	820	TO	833
LIME	833	TO	851
SHALE	851	TO	854
LIME	854	TO	857
BLACK SHALE	857	TO	869
GREY SHALE	869	TO	875
LIME	875	TO	888
SHALE	888	TO	889
COAL	889	TO	895
LIME	895	TO	897
SHALE	897	TO	900
LIME	900	TO	905
LITTLE OSAGE BLACK SHALE	905	TO	909
BLACK JACK CREEK LIME	909	TO	913
EXCELLO BLACK SHALE	913	TO	916
MULKY SHALE	916	TO	942
UPPER LAGONDA SHALE	942	TO	943
1ST. LIME CAP ROCK	943	TO	945½
SHALE & CRUDE OIL ODOR	945½	TO	946½
2ND. LIME CAP ROCK	946½	TO	946½
PUT ON CORE BARREL			
VERY GOOD LAM. OIL SAND	946½	TO	947½
GREY SHALE	947½	TO	948½
VERY GOOD LAM. OIL SAND	948½	TO	949½
EXCELLENT SOLID OIL SAND	949½	TO	952½
GOOD LAM. OIL SAND	952½	TO	953½
EXCELLENT SOLID OIL SAND	953½	TO	954½
VERY GOOD LAM. OIL SAND	954½	TO	955
EXCELLENT SOLID OIL SAND	955	TO	957½
EXCELLENT LAM. OIL SAND	957½	TO	958
FAIR LAM. OIL SAND	958	TO	961½
SHALEY LAM. OIL SAND	961½	TO	963
DRILL BIT			
GREY SHALE	963	TO	998
COAL SEAM	998	TO	1000
GREY SHALE	1000	TO	1012
BIVERIA COAL	1012	TO	1015
LIME	1015	TO	1017
GREY SHALE (T.D.)	1017	TO	1020
T.D.	1020		

SET 41' OF 23# 7" SURFACE PIPE 1-3-1997  
 USED 21 SX. OF PORTLAND "A" CEMENT  
 USED 20 SX. OF PREMIUM GEL (BENTONITE)  
 USED ½ SX. OF CALCIUM  
 DRILLED 9 7/8" HOLE FOR SURFACE PIPE  
 STARTED 6½" HOLE ON 1-4-1997  
 TOOK 1 CORE FROM 946½ TO 963'  
 REACHED T.D. OF 1020' ON 1-7-1997  
 RAN 1006.70' OF 2 7/8" 8RD. EUE TUBING  
 SET 2½" BY 8" S/N @ 944'  
 SET 2-2 7/8" BY 6½" CENTRILIZERS  
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