

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
October 2008
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 5983
 Name: Victor J. Leis
 Address 1: Box 223
 Address 2: _____
 City: Yates Center State: KS Zip: 66783 + _____
 Contact Person: Ryan M. Leis
 Phone: (785) 313-2567
 CONTRACTOR: License # 33374
 Name: L S Well Service
 Wellsite Geologist: n/a
 Purchaser: Pacer Energy Marketing
 Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW
 Gas ENHR SIGW
 CM (Coal Bed Methane) Temp. Abd.
 Dry Other _____
 (Core, WSW, Expl., Cathodic, etc.)
 If Workover/Re-entry: Old Well Info as follows:
 Operator: n/a
 Well Name: _____
 Original Comp. Date: _____ Original Total Depth: _____
 Deepening Re-perf. Conv. to Enhr. Conv. to SWD
 Plug Back: _____ Plug Back Total Depth _____
 Commingled Docket No.: _____
 Dual Completion Docket No.: _____
 Other (SWD or Enhr.?) Docket No.: _____

<u>12/13/2005</u>	<u>12/23/2005</u>	<u>1/2/2007</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 207-26932-0000
 Spot Description: _____
NW NW NW SE Sec. 33 Twp. 23 S. R. 16 East West
2460 Feet from North / South Line of Section
2820 Feet from East / West Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
 County: Woodson
 Lease Name: Tannahill Well #: N-2
 Field Name: Vernon
 Producing Formation: Mississippi
 Elevation: Ground: n/a Kelly Bushing: n/a
 Total Depth: 1488 Plug Back Total Depth: n/a
 Amount of Surface Pipe Set and Cemented at: 42' Feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set: n/a Feet
 If Alternate II completion, cement circulated from: 1488
 feet depth to: surface w/ 167 sx cmt.

Drilling Fluid Management Plan Alt II NR 10-8-09
 (Data must be collected from the Reserve Pit)
 Chloride content: n/a ppm Fluid volume: _____ bbls
 Dewatering method used: _____
 Location of fluid disposal if hauled offsite: _____
 Operator Name: _____
 Lease Name: _____ License No.: _____
 Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
 County: _____ Docket No.: _____

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: _____ Date: _____
 Subscribed and sworn to before me this 10th day of September,
 20 09.
 Notary Public: Judith A. Smith
 Date Commission Expires: 10-18-2012

JUDITH A. SMITH
 Notary Public - State of Kansas
 My Appt. Expires 10-18-2012

KCC Office Use ONLY
 Letter of Confidentiality Received
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

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Operator Name: Victor J. Leis Lease Name: Tannahill Well #: N-2
 Sec. 33 Twp. 23 S. R. 16 East West County: Woodson

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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: Gamma ray/ neutron <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum See attached
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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
Surface	11"	7"	23	42'	Portland	10	n/a
Casing	5 1/2"	2 7/8"	6	1475'	OWC/Port.	167	n/a

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				

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
2	19 shots 1414-1423; 14 shots 1426-1436'	150 GAL. HCL	1414

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TUBING RECORD: Size: _____ Set At: _____ Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Date of First, Resumed Production, SWD or Enhr. _____		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 Bbls. <u>10</u>	Gas Mcf <u>0</u>	Water Bbls. <u>0</u> Gas-Oil Ratio <u>n/a</u> Gravity <u>32</u>

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input checked="" type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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LIMITED OIL WELL SERVICES, L.L.C.
 BOX 884, CHANUTE, KS 66720
 913-9210 OR 800-467-8676

TICKET NUMBER 15322
 LOCATION Ottawa
 FOREMAN Alan Mader

TREATMENT REPORT & FIELD TICKET
 CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
2-07	5353	Tannahill N-2	33	23	16	W0
CUSTOMER						
MIDWAY OIL						
MAILING ADDRESS						
P.O. Box 1000						
CITY	STATE	ZIP CODE				
Miami	OK	74354				
JOB TYPE	HOLE SIZE	HOLE DEPTH	CASING SIZE & WEIGHT			
long string	6"	1488	2 7/8			
CASING DEPTH	DRILL PIPE	TUBING	OTHER			
1475						
SLURRY WEIGHT	SLURRY VOL	WATER gal/sk	CEMENT LEFT in CASING			
DISPLACEMENT	DISPLACEMENT PSI	MIX PSI	RATE			

TRUCK #	DRIVER	TRUCK #	DRIVER
389	Alamad	510	Kentham
164	Rick Arb	237	Red bar
505/T106	Mat Mad		
369	Gar And		

REMARKS: Washed 7 Joints of pipe into well. Had to wait on ducer + 80 vacs due to excessive mud. Mixed + pumped 400# gal to condition hole followed by 9 1/2 hbl dye marker. Mixed + pumped 141sx 50150 poz, 67 gel, 1/4" flo-seal. Circulated dye marker to surface. Mixed + pumped 36sx DWL, 1/4" flo-seal. Flushed pump clean. Pumped 2 1/2 plug to casing TD. Well held 800 PSI. Closed valve.

Alan Mader

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	164	840.00
5406	55	MILEAGE	164	181.50
5402	14725'	casing footage	164	N/C
5407A		ton miles DWL	510	102.37
5407A		ton miles poz	237	358.28
5501C	8 hr	transport	505/T106	800.00
5502C	4 hr	80 vac	369	360.00
5404	8 hr	stand by 4 men X 2 hr		584.00
1107	44#	flo-seal		83.60
1118B	1246#	gel		186.90
1124	131.5x	50150 poz		1159.35
1126	36.5x	DWL		554.40
			5.37%	125.01
				ESTIMATED TOTAL 5335.41

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AUTHORIZATION _____ TITLE WOT 211430

DATE _____

L S WELL SERVICE, LLC
543A 22000 ROAD
CHERRYVALE, KS 67335

DRILLER LOG
MIDWAY OIL

Tannahill N-2
S33, T23, R16
Woodson Co, KS
API#207-26932-0000

0-5 DIRT
5-20' CLAY
20-29 LIME
29-225 SHALE
225-240 SAND
240-285 LIME
285-296 SHALE
296-455 LIME
455-485 SANDY WHITE LIME
485-500 LIME
500-510 BLACK SHALE
510-521 LIME
521-551 SHALE
551-625 LIME
625-628 BLACK SHALE
628-676 LIME
676-686 SANDY SHALE
686-698 SHALE
698-715 SANDY SHALE
715-735 SAND
735-786 SANDY SHALE
786-815 SHALE
815-851 SANDY SHALE
851-877 LIME
877-882 BLACK SHALE
882-901 SANDY SHALE
901-917 SAND
917-925 SHALE
925-958 SANDY SHALE
958-968 LIME
968-971 BLACK SHALE
971-977 SANDY SHALE
977-987 SANDY LIME
987-997 SANDY SHALE
997-1007 LIME
1007-1009 BLACK SHALE
1009-1017 LIME
1017-1021 SAND
1021-1035 BLACK SAND ODOR
1035-1055 SHALE
1055-1057 LIME
1057-1097 SANDY SHALE
1097-1121 SHALE
1121-1122 COAL
1122-1127 SHALE
1127-1142 SAND
1142-1303 SHALE

**12-13-05 Drilled 11" hole and set 42.1' of
7" surface casing with 10 sacks Portland
cement**

12-14-05 Started drilling 5 1/2" hole

12-23-05 Finished drilling to T.D 1488'

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**SERVICE, LLC
2000 ROAD
CRYVALE, KS 67335**

DRILLER LOG

MIDWAY OIL

**Tannahill N-2
S33, T23, R16
Woodson Co, KS
APH#207-26932-0000**

1303-1304 COAL
1304-1392 SHALE
1392-1393 COAL
1393-1398 SHALE
1398-1488 LIME MISSISSIPPI

T.D. 1488'

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