

ORIGINAL

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

API No. 15- 097-21462-0000

County Kiowa

SW - NW - SE Sec. 31 Twp. 30S Rge. 19 X W

Operator: License # 3842

Larson Operating Company

Name: A Division of Larson Engineering, Inc.

Address 562 West Highway 4

City/State/Zip Olmitz, KS 67564-8561

Purchaser: EOTT Energy Operating LP

Operator Contact Person: Tom Larson

Phone 620-653-7368

Contractor: Name: Mallard JV, Inc.

License: 4958

Wellsite Geologist: Kim Shoemaker

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: Oil well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-Perf. Conv. To Inj/SWD
 Plug Back PBD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

3/1/01 3/10/01 3/12/01
Spud Date Date Reached TD Completion Date

Lease Name Comanche Co. Hospital Well # 1-31

Field Name Wildcat

Producing Formation Mississippi

Elevation: Ground 2145' KB 2150'

Total Depth 5201' PBDT 5160'

Amount of Surface Pipe Set and Cemented at 683 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 REC 1 EH 7.17.02
(Data must be collected from the Reserve Pit)

Chloride content 600 ppm Fluid Volume 3000 bbls

Dewatering method used allowed to dry

Location of fluid disposal hauled offsite

Operator Name _____

Lease Name _____

Quarter _____ Sec. _____ Twp. _____ Rng. _____ W

County _____ Docket No. _____

INSTRUCTIONS: An original and two copies of this information shall be filed with the Kansas Corporation Commission, 130 South Market, Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82030196 and 82-3-107 apply. Information on 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 geological well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

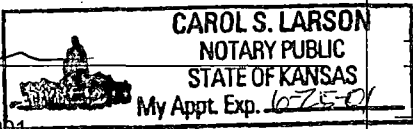
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Thomas Larson

Title President Date 6/15/2001

Subscribed and sworn to before me this 15th day of June 2001.

Notary Public Carol S. Larson



My Commission Expires June 25, 2001

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
KCC _____ SWD/Rep _____ NGPA _____
KGS _____ Plug _____ Other (Specify) _____

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Operator Name Larson Operating Company, A Div. of Larson Eng., Inc. Lease Name Comanche Co. Hospital Well # 1-31

Sec. 31 Twp. 30S Rge. 19 [] East [x] West County Kiowa

Instructions: Show important tops and base of formation penetrated. Detail all cores. Report all drill stem 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 during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken [x] Yes [] No [x] Log Formation (Top), Depth and Datum [] Sample Datum
Sample Sent to Geological Survey [x] Yes [] No
Cores Taken [] Yes [x] No
Electric Log Run [x] Yes [] No
List all E. Logs Run: Dual Induction, Comp Neutron Density, Micro, Sonic

KCOG
JUN 15 2001
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CASING RECORD [x] New [] Used
Report all strings set - conductor, surface, intermediate, production, etc.
Table with columns: Purpose of string, Size Hole Drilled, Size Casing Set, Weight Lbs./Ft., Setting Depth, Type of Cement, # Sacks Used, Type and Percent Additives

ADDITIONAL CEMENTING/SQUEEZE RECORD
Table with columns: Purpose, Depth Top/Bottom, Type of Cement, # Sacks Used, Type and Percent Additives

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
Table with 4 rows of data

TUBING RECORD
Size 2-3/8" Set At 5127' Packer At Liner Run [] Yes [x] No
Date of First, Resumed Production, SWD or Inj. 3/30/01 Producing Method [] Flowing [x] Pumping [] Gas Lift [] Other (Explain)
Estimated Production Per 24 Hours: Oil 57 Bbls, Gas 247 Mcf, Water 22 Bbls, Gas-Oil Ratio, Gravity 35

Disposition of Gas [] Vented [x] Sold [] Used on Lease (If vented, submit ACO-18).
METHOD OF COMPLETION [] Open Hole [x] Perf. [] Dually Comp. [] Commingled [] Other (Specify)
Production Interval 5076-84'

Operator Name Larson Operating Company, A Div. of Larson Eng., Inc. Lease Name Comanche Co. Hospital Well # 1-31

Sec. 31 Twp. 30S Rge. 19 East
 West County Kiowa

DRILL STEM TEST #1

Interval tested: 4992-5100'
Times tool opened: 10-45-45-90
Initial hydrostatic pressure: 2478
Initial flow pressures: 230-219
Initial shut-in pressure: 1717
Final flow pressures: 257-291
Final shut-in pressure: 1670
Final hydrostatic pressure: 2453
Bottom hole temperature: 115°
Recovery: 440' total: 140' mud (100% mud), 180 SWCGM (5% wtr, 10% gas, 85% mud), 120' VSO&WCGM (1% oil, 3% wtr, 10% gas, 86% mud)

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DRILL STEM TEST #2

Interval tested:
Times tool opened:
Initial hydrostatic pressure:
Initial flow pressures:
Initial shut-in pressure:
Final flow pressures:
Final shut-in pressure:
Final hydrostatic pressure:
Bottom hole temperature:
Recovery:

RELEASED

JUN 15 2002

FROM CONFIDENTIAL

DRILL STEM TEST #3

Interval tested:
Times tool opened:
Initial hydrostatic pressure:
Initial flow pressures:
Initial shut-in pressure:
Final flow pressures:
Final shut-in pressure:
Final hydrostatic pressure:
Bottom hole temperature:
Recovery:

RECEIVED
KANSAS CORPORATION COMMISSION

JUN 18 2001

CONSERVATION DIVISION

DRILL STEM TEST #1

Interval tested:
Times tool opened:
Initial hydrostatic pressure:
Initial flow pressures:
Initial shut-in pressure:
Final flow pressures:
Final shut-in pressure:
Final hydrostatic pressure:
Bottom hole temperature:
Recovery:

ALLIED CEMENTING CO., INC.

8136

Federal Tax I.D.# 48-0727860

MITTO P.O. BOX 31
RUSSELL, KANSAS 67665

ORIGINAL

SERVICE POINT:

Great Bend

CONFIDENTIAL

DATE <u>3-2-01</u>	SEC. <u>31</u>	TWP. <u>30</u>	RANGE <u>19</u>	CALLED OUT <u>1:00 PM</u>	ON LOCATION <u>3:15 PM</u>	JOB START <u>6:35 PM</u>	JOB FINISH <u>7:35 PM</u>
LEASE <u>Commanche County Hospital</u>		WELL # <u>1</u>	LOCATION <u>Coldwater North to C. Line</u>		COUNTY <u>Kiowa</u>	STATE <u>Ka</u>	
OLD OR <u>(NEW)</u> (Circle one)		LOCATION <u>6 1/2 west North into</u>					

CONTRACTOR Mallard
 TYPE OF JOB Surface
 HOLE SIZE 12 1/4" T.D. 700'
 CASING SIZE 8 5/8 - 25" DEPTH 683'
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX 500* MINIMUM _____
 MEAS. LINE _____ SHOE JOINT 38'
 CEMENT LEFT IN CSG. 38'
 PERFS. _____
 DISPLACEMENT 141 bbls

OWNER Larson Operating KCO
JUN 15 2001

CEMENT
 AMOUNT ORDERED 225 ex 65/35 6.70 gel 37cc
1/4" floreal, 100 ex class A 37cc 27 gel

COMMON	<u>100.04</u>	@	<u>6.35</u>	<u>635.00</u>
POZMIX		@		
GEL	<u>2</u>	@	<u>9.0</u>	<u>19.00</u>
CHLORIDE	<u>10.04</u>	@	<u>28.00</u>	<u>280.00</u>
<u>LITE</u>	<u>225.14</u>	@	<u>6.00</u>	<u>1350.00</u>
		@		
		@		
		@		
		@		
HANDLING	<u>349</u>	@	<u>1.05</u>	<u>366.45</u>
MILEAGE	<u>349</u>	<u>04</u>	<u>53</u>	<u>739.88</u>

EQUIPMENT
H.B.
 PUMP TRUCK CEMENTER Steve T.
 # 120 HELPER Steve T.
 BULK TRUCK M.L.
 # 240 DRIVER Steve D.
 BULK TRUCK _____
 # _____ DRIVER _____

RELEASED

RECEIVED
 KANSAS CORPORATION COMMISSION
 TOTAL 3340.33

JUN 15 2002

JUN 18 2001
 SERVICE

REMARKS:

FROM CONFIDENTIAL

CONSERVATION DIVISION

Safety meeting:
Ran 8 5/8 surface to bottom,
circ, with mud pump, shut down +
mixed cement, shut down, change
valves over & released 8 5/8 solid rubber
plug & displaced with 41 bbls fresh h²
cement (did circulate!
(6 bbls cement).

DEPTH OF JOB	<u>683'</u>			
PUMP TRUCK CHARGE				<u>470.00</u>
EXTRA FOOTAGE	<u>383</u>	@	<u>4.3</u>	<u>164.69</u>
MILEAGE	<u>53</u>	@	<u>3.00</u>	<u>159.00</u>
PLUG	<u>1-8 5/8 Rubber</u>	@		<u>90.00</u>
		@		
		@		

TOTAL 883.19

CHARGE TO: Larson Operating
 STREET 682 West Highway 4
 CITY Olmitz STATE Kansas ZIP 67564

FLOAT EQUIPMENT

<u>1-8 5/8 Baffle</u>	@	<u>45.00</u>
<u>1-8 5/8 Basket</u>	@	<u>180.00</u>
	@	
	@	
	@	

TOTAL 225.00

To Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX _____
 TOTAL CHARGE 4499.02
 DISCOUNT 449.90 IF PAID IN 30 DAYS
 Net 4049.12

SIGNATURE Larson R Urban

SIGNATURE LARSON R. URBAN
 PRINTED NAME

Thank you!

ALLIED CEMENTING CO., INC.

5232

Federal Tax I.D.# 48-0727860

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

JUN 15 2001

SERVICE POINT: Med Lodge

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DATE <u>3-1-01</u>	SEC. <u>31</u>	TWP. <u>T30S</u>	RANGE <u>R19W</u>	CALLED OUT <u>1:05 PM</u>	ON LOCATION <u>2:30 PM</u>	JOB START <u>5:00 PM</u>	JOB FINISH <u>5:15 PM</u>
LEASE <u>Comanche Co</u>	WELL # <u>1-31</u>	LOCATION <u>Coldwater N to Co. line</u>		COUNTY <u>Kiowa</u>	STATE <u>KS</u>		
OLD OR NEW (Circle one) <u>NEW</u>		<u>6 1/2 w N/S</u>					

CONTRACTOR Mallard
 TYPE OF JOB conductor
 HOLE SIZE 17 1/2 T.D. 99
 CASING SIZE 13 7/8 DEPTH 98
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX 200 MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG. 10'
 PERFS.
 DISPLACEMENT 13 1/2 DBLS Fresh #3

OWNER Larson Oper Co.
 CEMENT
 AMOUNT ORDERED 25 sx Class A + 3%
cc + 2% gel

COMMON A	<u>125</u>	@	<u>6.35</u>	<u>793.75</u>
POZMIX		@		
GEL	<u>2</u>	@	<u>9.50</u>	<u>19.00</u>
CHLORIDE	<u>4</u>	@	<u>28.00</u>	<u>112.00</u>
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>1.31</u>	@	<u>1.05</u>	<u>137.55</u>
MILEAGE	<u>1.31</u>	<u>X.53</u>	<u>-.04</u>	<u>277.72</u>

EQUIPMENT
 PUMP TRUCK CEMENTER Justin Hart
 # 352 HELPER Shane Winsor
 BULK TRUCK
 # 242 DRIVER Scott Spriggs
 BULK TRUCK
 # DRIVER

RELEASED
 JUN 15 2002
 RECEIVED TOTAL 1340.02
 KANSAS CORPORATION COMMISSION

REMARKS:
Pipe on Btm Break Circ
125 sx class A 3/2
Disp 13 1/2 DBLS
shut head in
circulated cement

FROM CONFIDENTIAL SERVICE 2001
 DEPTH OF JOB CONSERVATION DEPT
 PUMP TRUCK CHARGE 470.00
 EXTRA FOOTAGE @
 MILEAGE 53 @ 3.00 159.00
 PLUG @
 @
 @

CHARGE TO: Larson Oper Co.
 STREET 562 W. Hwy 4
 CITY UMITZ STATE KANSAS ZIP 67564

TOTAL 629.00
 FLOAT EQUIPMENT
 @
 @
 @
 @
 @

To Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TOTAL
 TAX
 TOTAL CHARGE 1969.02
 DISCOUNT 196.91 IF PAID IN 30 DAYS
1772.11

SIGNATURE Larson R Urban

LARSON R. URBAN
 PRINTED NAME

JOB LOG

SWIFT Services, Inc.

DATE 3-11-01 PAGE NO. #7

CUSTOMER Larson Operating WELL NO. 1-31 LEASE Hospital JOB TYPE Long string TICKET NO. 3380

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	20:00							Called out
	00:00							On Location / Rog corr. on both
	00:20							Start Laying down Drill pipe
	04:00							Drill pipe Layed down
	04:30							Rig up to run csg
	05:45							Start csg in hole
								guide shoe, insert float w/ fill up on shoe ft. Centralizers on 1st
								3rd, 4th, 9th, 10th, 11th 25th + 26th collars
								Cement Basket adding on 7th ft.
	08:55							Csg on bottom - drop ball
	09:00							Hooked up - Tagged bottom
	09:10							Circulate + Rotate Pick up to
	10:10							Done circulate set collar in Celler
								Set csg at 5195ft
	10:14	5	5					Pump 5 bbl spacer
	10:15	6	24					1000 gal Flackcheck
	10:19	5	5					Pump 5 bbl spacer
	10:20							mix 150 lbs SMDc w/ Additives
								at 1.75 ft ³ /st at 135
	10:30	5	48					Done mixing out
	10:36							Released plug + washed out line
	10:40	6 1/2	0					Started Displacement + Rotation
								Done Rotation w/ 110 bbl pump
	10:59		123			875		Done w/ displacement
	11:00					1500		Landed plug at 1500 PSI
	11:02					0		Released pressure - float held
	11:10							Washed up Trk
	11:20							Racked up
	11:30							Job complete
								Shuk you
								Ted G. Fuch
								T. Fuchs 65 Pick up
								B. Campbell 103 PT
								S. Bond 207 BT

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ORIGINAL

1000

JUN 15 2001

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JUN 15 2002

FROM CONFIDENTIAL

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KANSAS CORPORATION COMMISSION

JUN 18 2001

CONSERVATION DIVISION



CHARGE TO: Larson Operating
 ADDRESS: _____
 CITY, STATE, ZIP CODE: Omitz, Ks

CONFIDENTIAL
 JUN 15 2002
 KCO

TICKET No: 3380

PAGE 1 OF 1

SERVICE LOCATIONS 1. <u>Ness City, Ks</u>	WELL/PROJECT NO. <u>1-31</u>	LEASE <u>Hospital</u>	COUNTY/PARISH <u>Rowa</u>	STATE <u>K</u>	CITY <u>Ness City, Ks</u>	DATE <u>3-11-01</u>	OWNER <u>Same</u>
2.	TICKET TYPE <input type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <u>Mallard Drilling Inc</u>	RIG NAME/NO.	SHIPPED VIA	DELIVERED TO <u>N/W of Colbywater, Ks</u>	ORDER NO.	
3.	WELL TYPE <u>Gas</u>	WELL CATEGORY <u>Development new well - Long string</u>	JOB PURPOSE	WELL PERMIT NO.	WELL LOCATION		
4.	REFERRAL LOCATION	INVOICE INSTRUCTIONS					

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOC	ACCT	DF		QTY.	UM	QTY.	UM	
575		1			MILEAGE 103	70	mi	2	50	175
578		1			Pump Charge	1	ea	1200	00	1200
280		1			Flocheck 21	1000	gal	1	50	1500
221		1			Liquid NCL	5	gal	19	00	95
410		1			Top Plug	1	ea	52	00	52
330		1			Swift Multi Density Cement	150	sls	9	50	1425
287		1			Gas stop	300	lb	4	50	1350
277		1			Gilsonite	75	lb		30	225
285		1			CFR-1	71	lb	2	75	195
290		1			DeArr -1	71	lb	2	75	195
276		1			Flocele	38	lb		90	342
581/583		1			Service Charge & Drayage	150	sls	1	50	150
						565	sls		75	424

CONVENTION DIVISION
 JUN 18 2001
 LEASAS CORPORATION
 LEASAS CORPORATION COMMISSION

FROM CONFIDENTIAL
 JUN 15 2002
 RELEASED

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS
 X Tom Larson by [Signature]
 DATE SIGNED 3-11-01 TIME SIGNED 00:05 A.M. P.M.

ORIGINAL

REMIT PAYMENT TO:
 SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

SURVEY	AGREE	UN-DECIDED	DIS-AGREE
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?			
WE UNDERSTOOD AND MET YOUR NEEDS?			
OUR SERVICE WAS PERFORMED WITHOUT DELAY?			
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?			
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND			

PAGE TOTAL	7019	11
TAX	243	76
TOTAL	7262	87

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES - The customer hereby acknowledges receipt of the materials and services listed on this ticket.

SWIFT OPERATOR [Signature]

APPROVAL

Thank You!