

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

Form ACO-1
September 1999
Form Must Be Typed

ORIGINAL

Operator: License # 32948
Name: Tomlinson Operating, LLC
Address: P.O. Box 9395
City/State/Zip: Bend, OR 97708
Purchaser: NCRA
Operator Contact Person: Sid Tomlinson
Phone: (541) 322-0311
Contractor: Name: L. D. Drilling, Inc.
License: 6039
Wellsite Geologist: Timothy G. Pierce

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: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

☐ Deepening ☐ Re-perf. ☐ Conv. to Enhr./SWD
☐ Plug Back ☐ Plug Back Total Depth
☐ Commingled ☐ Docket No. _____
☐ Dual Completion ☐ Docket No. _____
☐ Other (SWD or Enhr.?) ☐ Docket No. _____

<u>6/28/04</u>	<u>7/20/04</u>	<u>7/28/04</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 051-25298-00-00

County: Ellis

SW NW SE SW Sec. 35 Twp. 11 S. R. 19 ☐ East ☒ West

1815 feet from S N (circle one) Line of Section

2310 feet from E W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW SW

Lease Name: Steckline Well #: 1

Field Name: Solomon

Producing Formation: Arbuckle

Elevation: Ground: 2122 Kelly Bushing: 2127

Total Depth: 3682 Plug Back Total Depth: 3682

Amount of Surface Pipe Set and Cemented at 309 Feet

Multiple Stage Cementing Collar Used? ☒ Yes ☐ No

If yes, show depth set 1483 Feet

If Alternate II completion, cement circulated from 1483

feet depth to surface w/ 200 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content 16,000 ppm Fluid volume 600 bbls

Dewatering method used evaporation

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: Sid Tomlinson

Title: member Date: 10-14-04

Subscribed and sworn to before me this 14th day of October

20 04

Notary Public: Stacy L. Sanford
Date Commission Expires: 11/18/06



OFFICIAL SEAL
STACY L. SANFORD
NOTARY PUBLIC-OREGON
COMMISSION NO. 363116
MY COMMISSION EXPIRES NOV. 18, 2006

KCC Office Use ONLY

Letter of Confidentiality Received

If Denied, Yes ☐ Date: _____

Wireline Log Received

Geologist Report Received

UIC Distribution

Operator Name: Tomlinson Operating, LLC Lease Name: Steckline Well #: 1
 Sec. 35 Twp. 11 S. R. 19 ☐ East ☒ West County: Ellis

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 ☒ Yes ☐ No
 (Attach Additional Sheets) **SEE ATTACHED REPORT**

Samples Sent to Geological Survey ☒ Yes ☐ No

Cores Taken ☐ Yes ☒ No

Electric Log Run ☒ Yes ☐ No
 (Submit Copy)

List All E. Logs Run:

radiation guard log and sonic log

☒ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Anhydrite	1461	+666
Heebner	3357	-1230
Lansing	3399	-1272
Base LKC	3629	-1502
Arbuckle	3676	-1549
TD	3682	-1555

CASING RECORD ☐ New ☒ 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	12 1/4	8 5/8	28	309	common	190	2% gel, 3% CC
production	7 7/8	5 1/2	14	3679	multi-density	175	2% CC

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
☐ Perforate ☒ Protect Casing ☐ Plug Back TD ☐ Plug Off Zone	1483	65/35 Poz	200	6% gel, 1/4 # flocele/sk

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
open-hole	Arbuckle 3679-3682	none	

RECEIVED
 OCT 22 2004
 KCC WICHITA

TUBING RECORD		Size	Set At	Packer At	Liner Run	☐ Yes ☒ No
		2 7/8	3658			

Date of First, Resumerd Production, SWD or Enhr.		Producing Method			
7/28/04		☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)			

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	25	0	0	0	19.8

Disposition of Gas

METHOD OF COMPLETION

Production Interval

☐ Vented ☐ Sold ☐ Used on Lease
 (If vented, Submit ACO-18.)

☒ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled
☐ Other (Specify) _____

Tomlinson Operating, LLC

P.O. Box 9395

Bend, Oregon 97708-9395

SID TOMLINSON
CYNDA TOMLINSON
541-322-0311
oilman@bendcable.com

Steckline #1

165' N, SW NW SE

Sec. 35-11s-19w

Ellis County, Kansas

Elevations: 2122' GL 2127' KB

6-29-04 Shut down for vacation. L.D. Drilling moved in and rigged up rotary. Commenced drilling 5:30 PM on June 28th. Drilled 12 1/4" hole to 312'. (Deviation 3/4) Ran 9 jts of used 8 5/8", 28# casing and set at 309'. Strapped and welded first 3 joints. Allied cemented with 190 sacks common + 2% gel + 3% CaCl. Cement circulated to surface. Plug down 1:50 AM on 29th.

7-14-04 Back on location. Drilled plug out at 309' at 3:30 pm.

7-15-04 Drilling at 1466'

7-16-04 Drilling at 2403' Anhydrite 1468-1501 Base Anhydrite is 5' high to Jensen #1.

7-17-04 Drilling at 3206' Topeka 3134' (-1007), running flat to Jensen #1.

7-18-04 Drilling at 3445'. Heebner 3358' (-1231), Lansing 3398' (-1271), running 1' high to Jensen #1.

DST #1 3313' - 3330' (lower Topeka zone)

30/45/30/45 Had weak blow on initial opening.

Recovered 10' mud with spots of oil in the tool.

FP 9 - 16 psi, ISIP 1039 psi, FSIP 1021 psi

7-19-04 Drilling at 3669'.

DST #2 3469'-3486' (Lansing E and F zones)

30/45/45/60 Recovered 50' muddy salt water (40,000 ppm chlorides).

FP 11-35 psi, ISIP 800 psi, FSIP 792 psi

7-20-04 TD 3682. Waiting on cement and completion rig. Sample top of Arbuckle 3678' (1551), which is 2' low to Jensen #1. Drilled 4' of dolomite with good oil shows.

DST#3 3629-3682 (4' into Arbuckle)

30/45/30/45 Strong blow on opening

Recovered 120' mud cut oil (65% oil)

400' clean oil, 100' gassy mud cut oil - no water.

FP 25-283 psi, ISIP 1086 psi, FSIP 1065

Log-Tech ran Radiation guard log and Sonic log from surface to TD. Logger's TD 3682, same as drillers. Ran 117 jts of used, drifted and tested, 5 1/2", 14#, R-2, ST&C 8rd casing and set 3' off bottom at 3679' with packer shoe at 3676'. Ran port collar @ 1483' with cement basket below it @ 1516'. Swift Services cemented with 175 sx Swift multi-density cement w/2% CaCl. Had good circulation while cementing. Landed plug and pressured casing to 1500 psi, held OK, so released pressure. Finished 8:45 AM on 7-20-04.

Electric log tops:	Anhydrite	1461'(+666)	5' hi to Jensen
	Base Anh	1500 (+627)	6' hi
	Topeka	3133'(-1006)	1' hi
	Heebner	3357'(-1230)	2' hi
	Lansing	3399'(-1272)	flat
	Base LKC	3629'(-1502)	flat
	Arbuckle	3676'(-1549)	flat
	TD	3682'(-1555)	

Note: Electric log tops show Lansing and Arbuckle are structurally flat to the Jensen #1.

RECEIVED
OCT 22 2004
KCC WICHITA