

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

Operator: License # 3345Name: Leroy E. TobiasAddress 19180 Mellard Rd.City/State/Zip Bunker Hill, KS 67626

Purchaser: _____

Operator Contact Person: Leroy E. TobiasPhone (785) 483-4565Contractor: Name: Vonfeldt Drilling, Inc.License: 9431Wellsite Geologist: Dave Shumaker

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:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

☐ Deepening ☐ Re-perf. ☐ Conv. to Inj/SWD☐ Plug Back ☐ PBTD☐ Commingled ☐ Docket No. _____☐ Dual Completion ☐ Docket No. _____☐ Other (SWD or Inj?) ☐ Docket No. _____Spud Date 10-16-98 Date Reached TD 10-21-98 Completion Date 10-22-98API NO. 15- 141-203440000County Osborne100' W of NE-NE-SE Sec. 6 Twp. 10S Rge. 12 X E2310 Feet from S/N (circle one) Line of Section430 Feet from E/W (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)Lease Name Steinle-Yarnell Well # 3 TwinField Name Un-namedProducing Formation NONEElevation: Ground 1780 KB 1785Total Depth 3100' PBTD _____Amount of Surface Pipe Set and Cemented at 207' FeetMultiple 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 RAA, 11-24-98 VRC
(Data must be collected from the Reserve Pit)Chloride content 20,000 ppm Fluid volume 300 bblsDewatering method used Allow to dry

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W

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 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 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 Leroy E. TobiasTitle Owner/Operator Date _____Subscribed and sworn to before me this 6th day of November, 19 98.Notary Public Cheryl M. PayneDate Commission Expires August 30, 1999

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) IS

Form ACO-1 (7-91)



SIDE TWO

Operator Name Leroy E. TobiasLease Name Steinle-Yarnell Well # #3 TwinSec. 6 Twp. 10S Rge. 12 ☐ East ☒ WestCounty Osborne

INSTRUCTIONS: Show important tops and base of formations 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 ☒ Yes ☐ No

(Attach Additional Sheets.)

See Attached for Drill Stem Tests
Samples Sent to Geological Survey ☐ Yes ☒ NoCores Taken ☐ Yes ☒ NoElectric Log Run ☐ Yes ☒ No
(Submit Copy.)

List All E.Logs Run:

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

Name	Top	Datum
Anhydrite	898	+887
Base Anhydrite	933	+852
Topeka	2754	-969
Heebner	2986	-1201
Toronto	3009	-1224
Lansing-Kansas City	3043	-1258
"C" Zone Porosity	3090	-1305
Rotary Total Depth	3100	-1315

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		8 5/8"	20#	207'	Common	150	60/40 Poz.

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

TUBING RECORD	Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	N-A				

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) _____

DRILL STEM TESTS

Drill Stem Test No. 1 3019-3056 LKC "A" Zone

Time Interval: 30-30-30-30

Blow: 1st Open - Weak blow for 5 min.
2nd Open - no blow

Recovery: 1 foot of slightly oil specked mud

Pressures:

IHMP: 1476#	IFP: 22# - 22#
ISIP: 33#	FFP: 22# - 22#
FSIP: 22#	BHT: 94 F
FHMP: 1454#	

COPY

15-141-20344

Mud Properties:

Viscosity: 48 Weight: 9.0 Water loss: 8.0 cc.

Drill Stem Test No. 2 3053-3085 LKC "B" Zone

Time Interval: 30-60-30-60

Blow: 1st Open - surface blow building 1/8"
2nd Open - weak surface blow - died in 30 sec.

Recovery: 10 feet of mud with oil specks

Pressures:

IHMP: 1562#	IFP: 22# - 22#
ISIP: 1153#	FFP: 33# - 33#
FSIP: 1121#	BHT: N.A.
FHMP: 1509#	

Mud Properties:

Viscosity: 44 Weight: 9.0 Water loss: 9.2

Drill Stem Test No. 3 3082-3100 KLC "C" Zone

Time Interval: 30-60-30-60

Blow: 1st Open - 1/2" building to 2 1/2"
2nd Open - Surface blow building to 1 1/2"

Recovery: 60 feet of oil specked muddy water
85% water 15% mud trace of oil

Pressures:

IHMP: 1519#	IFP: 33# - 33#
ISIP: 1121#	FFP: 33# - 44#
FSIP: 1050#	BHT: 95 F
FHMP: 1498#	

Mud Properties:

Viscosity: 46 Weight: 9.2 Water loss: 8.8

COPY

DRILLERS WELL LOG

Date Commenced: October 16, 1998
Date Completed: October 22, 1998

Leroy E. Tobias
Steinle-Yarnell #3 Twin
100' W of NE NE SE
Sec. 6-10S-12W
Osborne County, Kansas

ELEVATION: 1780' G.L.
1785' K.B.

0 - 213' Shale & Rock
213 - 544' Shale
544 - 898' Shale & Sand
898 - 933' Anhydrite
933 - 1110' Shale & RedBed
1110 - 1785' Shale & Lime
1785 - 2865' Lime & Shale
2865 - 3100' Shale & Lime
3100' RTD

15-141-20344

FORMATION DATA

Anhydrite	898'
Base Anhydrite	933'

Surface Pipe: Set 20#, used, 8 5/8"
casing @ 207' with 150 sacks 60/40
Poz., 3% CC, 2% Gel.

AFFIDAVIT

STATE OF KANSAS)
COUNTY OF RUSSELL) ss:

Alan Vonfeldt of lawful age, does swear and state that the facts and
statements herein are true and correct to the best of his knowledge.

Alan Vonfeldt
Alan Vonfeldt

Subscribed and sworn to before me this 23rd day of October, 1998.

My Commission Expires:

August 30, 1999

Cheryl M. Payne
Cheryl M. Payne, Notary Public

