

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1

June 2009

Form Must Be Typed

Form must be Signed

All blanks must be Filled

7/13/12

WELL COMPLETION FORM
WELL HISTORY DESCRIPTION OF WELL & LEASE

OPERATOR: License # 34322

Name: Strat Land Exploration Co

Address 1: 15 E 5th, #2020

Address 2:

City: Tulsa State: OK Zip: 74103

Contact Person: Dee Jansen

Phone: (918) 584-3844

CONTRACTOR: License # 34000

Name: Kenai/Abercrombie

Wellsite Geologist: Jim Bohanan, Tulsa, OK

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: Elder & Vaughn

Well Name: Felice

Original Comp. Date: 12/14/84 Original Total Depth: 6180'

- ☒ Deepening ☐ Re-perf. ☐ Conv. to ENHR ☐ Conv. to SWD
- ☐ Conv. to GSW

☐ Plug Back: Plug Back Total Depth

☐ Commingled Permit #:

☐ Dual Completion Permit #:

☐ SWD Permit #:

☐ ENHR Permit #:

☐ GSW Permit #:

4/16/10

4/19/10

5/7/10

Spud Date or
Recompletion Date

Date Reached TD

Completion Date or
Recompletion Date

API No. 15 - 119-20683-00-01

Spot Description:

NE SE SE Sec. 12 Twp. 33 S. R. 29 ☐ East ☒ West

990 Feet from ☐ North / ☒ South Line of Section

330 Feet from ☒ East / ☐ West Line of Section

Footages Calculated from Nearest Outside Section Corner:

☐ NE ☐ NW ☒ SE ☐ SW

County: Meade

Lease Name: Felice Well #: 1-12

Field Name: NW Borchers

Producing Formation: Cherokee

Elevation: Ground: 2466' Kelly Bushing: 2477'

Total Depth: 6183' Plug Back Total Depth: 6128'

Amount of Surface Pipe Set and Cemented at: 1386 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: 2900 ppm Fluid volume: 700 bbls

Dewatering method used: evaporation

Location of fluid disposal if hauled offsite:

Operator Name: NA

Lease Name: License #:

Quarter Sec. Twp. S. R. ☐ East ☐ West

County: Permit #:

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.

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.

Signature:

Title: Prod/Reg Asst Date: 7/13/10

KCC Office Use ONLY

☒ Letter of Confidentiality Received

Date: 7-13-10 - 7-13-12

☐ Confidential Release Date:

☐ Wireline Log Received

☐ Geologist Report Received

☐ UIC Distribution

ALT ☒ I ☐ II ☐ III Approved by: Date: 7/9/10

KE

Operator Name: Strat Land Exploration CoLease Name: FeliceWell #: 1Sec. 12 Twp. 33 S. R. 29 ☐ East ☒ WestCounty: Meade

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 complete copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken

(Attach Additional Sheets)

☐ Yes ☒ No

Samples Sent to Geological Survey

☒ Yes ☐ No

Cores Taken

☐ Yes ☒ No

Electric Log Run

☐ Yes ☒ No

Electric Log Submitted Electronically

☐ Yes ☒ No

(If no, Submit Copy)

List All E. Logs Run: NoneCBL (4200-6110)☐ Log Formation (Top), Depth and Datum☐ Sample

Name

Top

Datum

Cherokee

5442

-2477

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"	?	1386'	?	750	?
production	7-7/8"	5-1/2"	15.5#	6167'	Prem Cl 'H'	300	Cal-Seal 60 + Halad 322

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
4 spf	5442'-5450'	frac w/1000 gls 20% NeFeHcl + 18,000 gls 20% gelled NeFeHcl + 34,300 gls gelled 2% kcl wtr	5442-5450

TUBING RECORD:	Size: <u>2-7/8"</u>	Set At: <u>5450'</u>	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR:	Producing Method:			
<u>5/10/10</u>	<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>3</u>	Gas Mcf <u>20</u>	Water Bbls. <u>132</u>	Gas-Oil Ratio <u>6.666/</u> Gravity

DISPOSITION OF GAS:	METHOD OF COMPLETION:	PRODUCTION INTERVAL:
<input checked="" type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	<input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled (Submit ACO-5) (Submit ACO-4)	<u>5442'-5450'</u>
	<input type="checkbox"/> Other (Specify) _____	

The Road to Excellence Starts with Safety

Sold To #: 305669	Ship To #: 2779829	Quote #:	Sales Order #: 7312819
Customer: STRAT LAND EXPL CO		Customer Rep: CRAWFORD, DAN	
Well Name: Felice	Well #: 1-12	API/UWI #:	KCC
Field:	City (SAP): MEADE	County/Parish: Meade	State: Kansas
Contractor: ABERCROMBIE	Rig/Platform Name/Num: 58	JUL 13 2010	
Job Purpose: Cement Production Casing			
Well Type: Development Well	Job Type: Cement Production Casing		
Sales Person: CRAWFORD, ROBERT	Srv Supervisor: VILLARREAL, ARTURO	MBU ID Emp #: 106127	

CONFIDENTIAL

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
MATA, ADOLFO	6	419999	VILLANUEVA, EDUARDO	6	341956	VILLARREAL, ARTURO	6	106127

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
4-19-10	6	2						
TOTAL								

Total is the sum of each column separately

Job

Job Times

Formation Name					Job Times			
Formation Depth (MD)		Top	Bottom			Date	Time	Time Zone
Form Type		BHST			Called Out	19 - Apr - 2010	03:00	CST
Job depth MD		6340. ft		Job Depth TVD	On Location	19 - Apr - 2010	08:00	CST
Water Depth				Wk Ht Above Floor	Job Started	19 - Apr - 2010	00:00	CST
Perforation Depth (MD)		From	To		Job Completed	19 - Apr - 2010	00:00	CST
					Departed Loc	19 - Apr - 2010	00:00	CST

Well Data

Description	New / Used	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
Production Open Hole				7.875				1000.	6340.		
Production Casing	Unknown		5.5	4.892	17.				6340.		
Surface	Unknown		8.625	8.097	24.			1000.			

Sales/Rental/3rd Party (HES)

Description	Qty	Qty uom	Depth	Supplier
KIT, HALL WELD-A	2	EA		
CLAMP - LIMIT - 5-1/2 - HINGED -	1	EA		
CLR, FLT, 5-1/2 8RD, 14-23PPF, 2-3/4	1	EA		
SHOE, FLOAT, 5 1/2 8RD, 2 3/4 SUPER SEAL	1	EA		
CTRZR ASSY, 5 1/2 CSG X 7 7/8 HOLE, HINGED	12	EA		

Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug			
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container			
Stage Tool										Centralizers			

RECEIVED

JUL 15 2010

Miscellaneous Materials											
Gelling Agt		Conc		Surfactant		Conc		Acid Type		Qty	
Treatment Fld		Conc		Inhibitor		Conc		Sand Type		Size	
										Conc	%
										Qty	

Fluid Data

Stage/Plug #: 1

Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft ³ /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	WBM Nitrified @ 250 scf/bbl		50	bbl		.0	.0	.0	
2	Fresh Water		10	bbl	8.33	.0	.0	.0	
3	MUD FLUSH III	MUD FLUSH III - SBM (528788)	10	bbl	8.4	.0	.0	.0	
4	Fresh Water		5	bbl	8.33	.0	.0	.0	
5	Premium	CMT - PREMIUM CEMENT (100003687)	300	sacks	14.8	1.56	7.42		7.42
	94 lbm	CMT - PREMIUM - CLASS H REG OR TYPE V, BULK (100003687)							
	10 lbm	CAL-SEAL 60, 50 LB BAG (101217146)							
	10 %	SALT 10% (100003652)							
	0.7 %	HALAD(R)-322, 50 LB (100003646)							
	7.418 Gal	FRESH WATER							
6	Fresh Water		146	bbl	8.33	.0	.0	.0	
	2.5 gal/Mgal	CLAYFIX 3, TOTETANK (101583425)							

Calculated Values

Pressures

Volumes

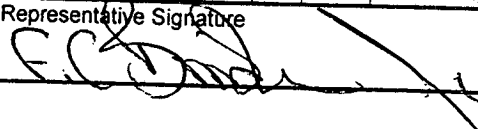
Displacement	146	Shut in: Instant		Lost Returns	NO	Cement Slurry	83	Pad	
Top Of Cement	3427	5 Min		Cement Returns	NO	Actual Displacement	146	Treatment	
Frac Gradient		15 Min		Spacers	75	Load and Breakdown		Total Job	

Rates

Circulating		Mixing	5	Displacement	7	Avg. Job	5
Cement Left In Pipe	Amount	0 ft	Reason	Shoe Joint			
Frac Ring # 1 @	ID	Frac ring # 2 @	ID	Frac Ring # 3 @	ID	Frac Ring # 4 @	ID

The Information Stated Herein Is Correct

Customer Representative Signature



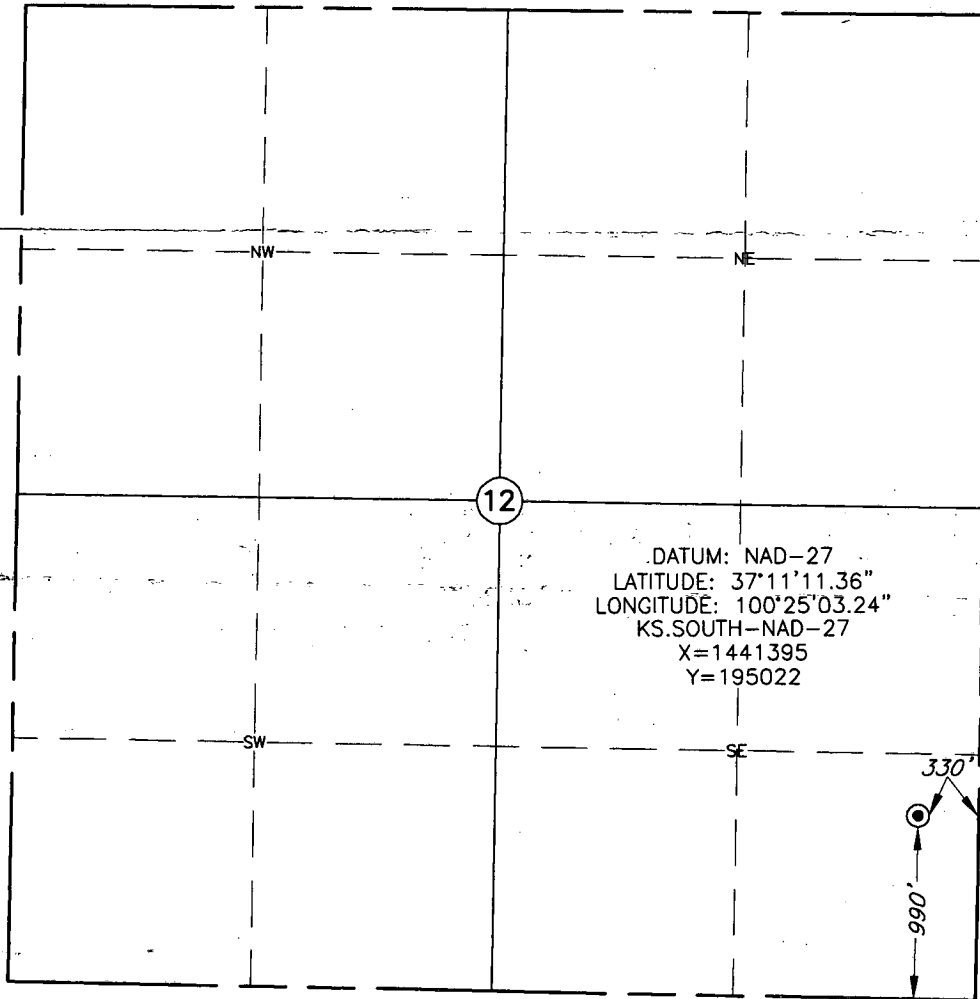
KCC
JUL 13 2010
CONFIDENTIAL

RECEIVED
JUL 15 2010
KCC WICHITA

TOPOGRAPHIC LAND SURVEYORS OF PAMPA, TEXAS

2225 PERRYTON PKWY * PAMPA, TEXAS 79065
 (806) 665-7218 * (800) 658-6382 * FAX (806) 665-7210
 Kansas Certificate of Authorization No. LS-99

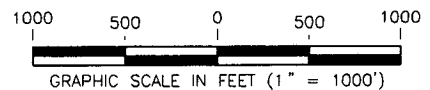
Operator: STRAT LAND EXPLORATION CO. Lease Name: FELICE #1-12
 Footages: 990'FSL & 330'FEL Elevation: 2464'GR.
 Section: 12 Township: 33S Range: 29W MEADE County, Kansas



KCC
 JUL 13 2010
 CONFIDENTIAL

RECEIVED
 JUL 15 2010
 KCC WICHITA

Topography & Vegetation: PASTURE
 Reference or Alternate Stakes Set: NONE SET
 Best Accessibility to Location: FROM TRAIL ROAD EAST OF LOCATION
 Distance & Direction: ±9 MILES SOUTHWEST OF MEADE, KANSAS



This plat DOES NOT represent a true Boundary Survey. It is intended for filing a W-1 form with the Texas Railroad Commission. The footages and ties shown are from lines of occupation, which may not be actual Property Lines.

Date Surveyed: 2-10-10
 Date Drawn: 2-16-10
 Drawn by: I.GUTIERREZ
 Job No.: 152986
 Book: 1031 Page: 52

CERTIFICATE

I, V. Lynn Bezner, a Registered Land Surveyor and an authorized agent of Topographic Land Surveyors, do hereby certify that the above described well location was surveyed and staked on the ground as shown.

V. Lynn Bezner R.P.S. No.1059

2/23/2010

