

ORIGINAL

JME

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

Operator: License # 32198Name: PETROSANTANDER (USA) INCAddress 6363 WOODWAY suite 350City HOUSTONState/Zip TEXAS 77057Purchaser: NAOperator Contact Person: THOMAS W NELSONPhone (713) 784-8700Contractor: Name: CHEYENNE DRILLING INCLicense: 5382Wellsite Geologist: WES HANSENDesignate 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 ☐ PBTB
☐ Commingled ☐ Docket No. _____
☐ Dual Completion ☐ Docket No. _____
☐ Other (SWD or Inj?) ☐ Docket No. _____

07/21/2004 07/28/2004 08/17/2004
Spud Date Date Reached TD Completion Date

API NO. 15- 055-21829-0000

County FINNEYSE - NW - SE Sec. 7 Twp. 23S Rge. 30 X W1950 Feet from S/N (circle one) Line of Section1375 Feet from E/W (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)Lease Name STEWART UNIT Well # BULGER 7-18Field Name STEWARTProducing Formation KRIDERElevation: Ground 2847' KB 2858'Total Depth 4900' PBTB 3160'Amount of Surface Pipe Set and Cemented at 510' FeetMultiple Stage Cementing Collar Used? ☐ Yes ☒ No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 3185'feet depth to SURFACE w/ 550 sx cmt.Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)Chloride content 3700 ppm Fluid volume 1700 bblsDewatering method used EVAPORATION

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

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

County _____ Docket No. _____

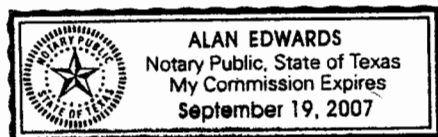
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side 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 Tom NelsonTitle Vice-President, Operations Date 10/07/04Subscribed and sworn to before me this 7th day of October, 20 04.Notary Public Alan EdwardsDate Commission Expires 19th September 2007

K.C.C. OFFICE USE ONLY		
F	<input checked="" type="checkbox"/>	Letter of Confidentiality Attached
C	<input type="checkbox"/>	Wireline Log Received
C	<input type="checkbox"/>	Geologist Report Received
Distribution		
<input type="checkbox"/> KCC	<input type="checkbox"/> SWD/Rep	<input type="checkbox"/> NGPA
<input type="checkbox"/> KGS	<input type="checkbox"/> Plug	<input type="checkbox"/> Other
(Specify)		

Form ACO-1 (7-91)



SIDE TWO

Operator Name PETROSANTANDER (USA) INCLease Name STEWARTWell # BULGER 7-18Sec. 7 Twp. 23S Rge. 30☐ EastCounty FINNEY☒ West

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.)Samples Sent to Geological Survey ☐ Yes ☒ NoCores Taken ☐ Yes ☒ NoElectric Log Run ☒ Yes ☐ No
(Submit Copy.)List ALL E Logs run
DUAL INDUCTION
MICROLOG
COMP NEUT DENS
SONIC☒ Log Formation (Top), Depth and Datums ☐ Sample

Name	Top	Datum
HEEBNER	3994'	-1136'
LANSING	4089'	-1231'
MARMATON	4499'	-1641'
PAWNEE	4585'	-1727'
CHEROKEE	4626'	-1768'
MORROW	4744'	-1886'
MISSISSIPPI	4783'	-1925'
RTD	4900'	-2042'

RECEIVED

OCT 12 2004

KCC WICHITA

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"	23#	510'	LITE/Common	125/100	3% cc/3% cc
PRODUCTION	7-7/8"	5-1/2"	15.5#	4894'	ASC/Common	425/125	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				

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	2686' - 2707'	Frac: 9000 gal HydroVis	
		17,000# 12/20 sand	
		Flush: 420 gal HydroVis	
TUBING RECORD	Size 2-3/8" Set At 2791' Packer At	Liner Run Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Date of First, Resumed Production, SWD or Inj 08/22/2004	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. Gas Mcf Water Bbls. Gas-Oil Ratio Gravity		

Disposition of Gas:

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

METHOD OF COMPLETION

☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled 2686' - 2707'
☐ Other (Specify) _____

Production Interval