

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: JASON SIZEMOREPhone (713) 784-8700Contractor: Name: CHEYENNE DRILLING INCLicense: 5382Wellsite Geologist: WES HANSEN

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. _____11/16/2002 11/21/2002 12/09/2002

Spud Date Date Reached TD Completion Date

API NO. 15- 055-21787County FINNEYSW - NE - SE Sec. 7 Twp. 23S Rge. 30 X E1600 Feet from S/N (circle one) Line of Section750 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 7-16Field Name STEWARTProducing Formation MORROWElevation: Ground 2845' KB 2852'Total Depth 4900' PBTD 4840'Amount of Surface Pipe Set and Cemented at 527' FeetMultiple Stage Cementing Collar Used? ☒ Yes ☐ NoIf yes, show depth set 2029' FeetIf Alternate II completion, cement circulated from 2030'feet depth to SURFACE w/ 510 sx cmt.Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)Chloride content 9000 ppm Fluid volume 1500 bblsDewatering method used EVAPORATION

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 _____

Title Vice-President, Operations Date _____Subscribed and sworn to before me this 30th day of April, 20 03.Notary Public Paul J. SmithDate Commission Expires 9/07/2003

K.C.C. OFFICE USE ONLY

F ☐ Letter of Confidentiality AttachedC ☐ Wireline Log ReceivedC ☐ Geologist Report Received

Distribution

☐ KCC☐ KGS☐ SWD/Rep☐ Plug☐ NGPA☐ Other

(Specify)

Operator Name PETROSANTANDER (USA) INC Lease Name STEWART Well # BULGER 7-16Sec. 7 Twp. 23S Rge. 31
☐ East
☒ WestCounty FINNEY

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'	-1142'
LANSING	4083'	-1231'
MARMATON	4501'	-1649'
CHEROKEE	4623'	-1771'
MORROW SD	4745'	-1893'
MISSISSIPPI	4771'	-1919'
LTD	4900'	-2048'

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"	24#	527'	LITE/COMMON	175/100	3% cc/3% cc
PRODUCTION	7-7/8"	5-1/2"	15.5#	4895'	POZMIX 50/50	300	2% cc

ADDITIONAL CEMENTING/SQUEEZE RECORD YES

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	4748' - 4765'		

TUBING RECORD	Size	Set At	Packer At	Liner Run
	7-7/8"	4812'		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Date of First, Resumed Production, SWD or Inj 12/13/2002		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 <u>120</u> Bbls.	Gas <u>—</u> Mcf	Water <u>1</u> 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 4748' - 4765'
☐ Other (Specify)

Production Interval