

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/State/Zip HOUSTON, TEXAS 77057Purchaser: NAOperator Contact Person: JASON SIZEMOREPhone (713) 784-8700

Contractor: Name: _____

License: _____

Wellsite Geologist: NA

Designate Type of Completion

☐ New Well ☐ Re-Entry ☒ Workover☐ Oil ☐ SWD ☐ SLOW ☐ Temp. Abd.☐ Gas ☒ ENHR ☐ SIGW ☐ 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 ☐ PBDT☐ Commingled ☐ Docket No. _____☐ Dual Completion ☐ Docket No. _____☒ Other (SWD or Inj?) ☐ Docket No. E-27,138Spud Date ? Date Reached TD _____ Completion Date _____API NO. 15- 055-20664County FINNEYC - W/2 - E/2 - SW Sec. 2 Twp. 23S Rge. 31 X E1320 Feet from SYN (circle one) Line of Section3630 Feet from EW (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)Lease Name STEWART UNIT Well # NELSON 2-2Field Name STEWARTProducing Formation MORROWElevation: Ground 2874' KB 2879'Total Depth 4884' PBDT 4849'Amount of Surface Pipe Set and Cemented at 474 FeetMultiple Stage Cementing Collar Used? ☒ Yes ☐ NoIf yes, show depth set 2092 FeetIf Alternate II completion, cement circulated from 2092'feet depth to SURFACE w/ 450 sx cmt.Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume _____ bbls

Dewatering method used _____

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 [Signature]Title Vice President of Operations Date 10-16-98Subscribed and sworn to before me this 16th day of October, 19 98.Notary Public Colleen WhiteDate Commission Expires 3-12-2000

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)

Operator Name PETROSANTANDER (USA) INC Lease Name STEWART UNIT Well # NELSON 2-2☐ EastCounty FINNEYSec. 2 Twp. 23S Rge. 31☒ 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 if more space is needed. Attach copy of log.

Drill Stem Tests Taken
(Attach Additional Sheets.)☐ Yes ☐ No

Samples Sent to Geological Survey

☐ Yes ☐ No

Cores Taken

☐ Yes ☐ NoElectric Log Run
(Submit Copy.)☐ Yes ☐ No

List All E.Logs Run:

☐ Log

Formation (Top), Depth and Datums

☐ Sample

Name

Top

Datum

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	12-1/2"	8-5/8"	24#	474	LITE/CLASS C	150/125	2-1/2% CaCl2
PRODUCTION	7-7/8"	5-1/2"	14#	4883	POZIMIX 50/50	150	

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	4746' - 4756'	FRAC 6600 GAL 40# BORAGEL	
4	4758' - 4766'	800 # 100 MESH SAND	
		8300 # 20-40 SAND	
TUBING RECORD		Liner Run	
Size 2-7/8"	Set At 4714'	Packer At 4711'	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Date of First, Resumed Production, SWD or Inj 12-19-97		Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input checked="" type="checkbox"/> Other (Explain)	
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls. Gas-Oil Ratio Gravity

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)