

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

Operator: License # 32198
Name: PETROSANTANDER (USA) INC
Address 6363 WOODWAY suite 350
City HOUSTON
State/Zip TEXAS 77057

Purchaser: NA

Operator Contact JASON SIZEMORE

Phone (713) 784-8700

Contractor: Name: NORSEMAN DRILLING

License: 3779

Wellsite Geologist: WES HANSEN

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover
☒ Oil ☐ SWD ☐ SIOW ☐ Temp. Abd.
☐ Gas ☐ ENHR ☐ SIGW
☐ Dry ☐ Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-entry: _____

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

☐ Deepening ☐ Re-perf. ☐ Conv. to Inj/SW
☐ Plug Back ☐ PBTD
☐ Commingled ☐ Docket No. _____
☐ Dual Completion ☐ Docket No. _____
☐ Other (SWD or Inj?) ☐ Docket No. _____

03/05/01 03/20/01 04/18/01
Spud Date or Date Reached TD Completion Date
Recompletion Date Recompletion Date

API NO. 15- 053-21727

County FINNEY

SE SW NE Sec. 4 Twp. 23S Rge. 31 E X W

2305 Feet from S/N (circle one) Line of Section

1380 Feet from E/W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)

Lease Name HARRINGTON-SCOTT Well # Harrington-Scott 1

Field Name STEWART

Producing Formation MORROW

Elevation: Ground 2890' KB 2895-2899

Total Depth 4918' PBTD 4852'

Amount of Surface Pipe Set and Cemented at 513' Feet

Multiple Stage Cementing Collar Used? ☒ Yes ☐ No

If yes, show depth set 2107 Feet

If Alternate II completion, cement circulated from 2107

feet depth to surface w/ 300 sx cmt.

Drilling Fluid Management Plan AK 11 EH 7-17-02
(Data must be collected from the Reserve Pit)

Chloride content 4000 ppm Fluid volume 1700 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

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

County _____ Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed in 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 05/10/01

Subscribed and sworn to before me this 10th day of MAY, 20 01.

Notary Public James C. [Signature]

Date Commission Expires 9/07/2003

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 HARRINGTON-SCOTT Well # Harrington-Scott 1Sec. 4 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.) (See attached letter)

List ALL E Logs run

DUAL INDUCTION
MICROLOG
COMP NEUT DENS
SONIC☐ Log Formation (Top), Depth and Datums ☐ Sample

Name Top
HEEBNER 3980'
LANSING 4071'
MARMATON 4514'
PAWNEE 4579'
CHEROKEE 4624'
MORROW SH 4764'
MORROW SD 4770'
MISSISSIPPI 4798'
LTD 4918'

Datum

RECEIVED

KANSAS CORPORATION COMMISSION

MAY 18 2001

RELEASED

CONSERVATION DIVISION

MAY 04 2002

CASING RECORD

☒ New ☐ Used

Report all strings set-conductor, surface, intermediate, production

FROM CONFIDENTIAL

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#	513'	LITE/Class C	200/100	2% cc/2% cc
PRODUCTION	7-7/8"	5-1/2"	15.5#	4897'	50/50 Poz	325	2% cc

ADDITIONAL CEMENTING/SQUEEZE RECORD NONE

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	4699'~4850	Common	150	

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	4788' - 4808' (squeezed, see above details)	Frac:- 11,000 gal YF125	
4	4788' - 4796'	17,500# Ottawa 20/40 sand	
		Flush 1218 gal YF125	
TUBING RECORD: Size 2-7/8" Set At 4790' Packer At		Liner Run Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Date of First, Resumed Production, SWD or Inj 04/18/01		Producing Method. <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) INJECTION.	
Estimated Production. Per 24 Hours	Oil. Bbls. 7	Gas. Mcf	Water Bbls. 45 Gas-Oil Ratio. Gravity. 30

Disposition of Gas.

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

METHOD OF COMPLETION

☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled
☐ Other (Specify)

Production Interval

4788' - 4796'