

COPY

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

API NO. 15- 055-21645-0000
County FINNEY
- E/2- NE - NW Sec. 12 Twp. 23S Rge. 31 X W
690 Feet from S/N (circle one) Line of Section
2335 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 STEWART UNIT Well # MACKEY-7
Field Name STEWART
Producing Formation MORROW
Elevation: Ground 2868' KB 2873'
Total Depth 4900' PBDT 4876'
Amount of Surface Pipe Set and Cemented at 493' Feet
Multiple Stage Cementing Collar Used? X Yes No
If yes, show depth set 2034 Feet
If Alternate II completion, cement circulated from 2034
feet depth to SURF w/ 330 sx cmt.
Drilling Fluid Management Plan AH.2, 11-16-99 U.C.
(Data must be collected from the Reserve Pat)
Chloride content 17,000 ppm Fluid volume 1100 bbls
Dewatering 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. _____

Operator: License # 32198
Name: PETROSANTANDER (USA) INC
Address 6363 WOODWAY suite 350
City/State/Zip HOUSTON, TEXAS 77057
Purchaser: NA
Operator Contact Person: JASON SIZEMORE
Phone (713) 784-8700
Contractor: Name: ABERCROMBIE RTD, INC
License: 30684
Wellsite Geologist: WESLEY HANSEN
Designate Type of Completion
X New Well Re-Entry Workover
X Oil SWD SIOW 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 PBDT
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____
07/13/99 07/20/99 08/21/99
Spud Date Date Reached TD Completion Date

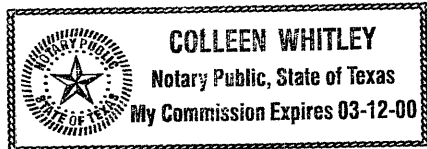
STATE CORPORATION COMMISSION
RECEIVED
OCT 14 1999
KANSAS OIL & GAS CONSERVATION DIVISION
Wichita, Kansas

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, Operations Date 9/29/99
Subscribed and sworn to before me this 29 day of September 19 99.
Notary Public Colleen Whitley
Date Commission Expires 3-12-00

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) Jim



COPY

Operator Name PETROSANTANDER (USA) INC Lease Name STEWART UNIT Well # MACKEY-7

Sec. 12 Twp. 23S Rge. 31
 East
 West

County 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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Attach Additional Sheets.) Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Submit Copy.) List ALL E Logs run <input checked="" type="checkbox"/> DUAL INDUCTION <input type="checkbox"/> MICROLOG <input type="checkbox"/> COMP NEUT DENS <input type="checkbox"/> SONIC <input type="checkbox"/> CEMENT	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datums <input type="checkbox"/> Sample <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:40%;">Name</th> <th style="width:30%;">Top</th> <th style="width:30%;">Datum</th> </tr> </thead> <tbody> <tr><td>HEEBNER</td><td>3994'</td><td>-1121'</td></tr> <tr><td>LANSING</td><td>4084'</td><td>-1211'</td></tr> <tr><td>MARMATON</td><td>4516'</td><td>-1643'</td></tr> <tr><td>PAWNEE</td><td>4583'</td><td>-1710'</td></tr> <tr><td>CHEROKEE</td><td>4626'</td><td>-1753'</td></tr> <tr><td>MORROW SD</td><td>4752'</td><td>-1879'</td></tr> <tr><td>MISSISSIPPI</td><td>4780'</td><td>-1907'</td></tr> <tr><td>LTD</td><td>4900'</td><td>-2027'</td></tr> </tbody> </table>	Name	Top	Datum	HEEBNER	3994'	-1121'	LANSING	4084'	-1211'	MARMATON	4516'	-1643'	PAWNEE	4583'	-1710'	CHEROKEE	4626'	-1753'	MORROW SD	4752'	-1879'	MISSISSIPPI	4780'	-1907'	LTD	4900'	-2027'
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CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> 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#	493	LITE/Common	200/100	3% cc/2% cc
PRODUCTION	7-7/8"	5-1/2"	15.5#	4897	POZIMIX 50/50	280	2% cc, 1/2% Floseal
<i>port collar</i>				<i>2034'</i>	<i>65/35 Poz</i>	<i>330</i>	<i>6% gel</i>

ADDITIONAL CEMENTING/SQUEEZE RECORD NONE				
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	4754' - 4776'	Frac 3000 gal YF120LG, 900# 16-30 sand, flush 1200 gal WF120	

TUBING RECORD	Size <u>2-7/8"</u>	Set At <u>4751'</u>	Packer At	Liner Run Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
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Date of First, Resumed Production, SWD or Inj <u>08/22/99</u>	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)	INJECTION
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Estimated Production Per 24 Hours	Oil <u>62</u> Bbls.	Gas <u>0</u> Mcf	Water <u>137</u> Bbls.	Gas-Oil Ratio <u> </u>	Gravity <u>29</u>
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Disposition of Gas: <input checked="" type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, submit ACO-18.)	METHOD OF COMPLETION <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	Production Interval <u>4754' - 4776'</u>
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