

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 Person: JASON SIZEMORE  
Phone (713) 784-8700

Contractor: Name: CHEYENNE DRILLING INC  
License: 5382  
Wellsite 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  PBDT  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or Inj?)  Docket No. \_\_\_\_\_  
06/10/2003 06/16/2003 08/07/2003  
Spud Date Date Reached TD Completion Date

API NO. 15- 055-21805  
County FINNEY  
NW - SE - NW - NW Sec. 12 Twp. 23S Rge. 31 X E  
950 Feet from S (N) (circle one) Line of Section  
700 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 10  
Field Name STEWART  
Producing Formation MORROW  
Elevation: Ground 2872' KB 2878'  
Total Depth 4908' PBTD 4881'  
Amount of Surface Pipe Set and Cemented at 501' Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set 2020' Feet  
If Alternate II completion, cement circulated from 2020'  
feet depth to SURFACE w/ 400 sx cmt.

Drilling Fluid Management Plan  
(Data must be collected from the Reserve Pit)  
Chloride content 1900 ppm Fluid volume 1500 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. \_\_\_\_\_

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 08/01/2003  
Subscribed and sworn to before me this 11th day of AUGUST, 20 03.  
Notary Public [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)

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  Yes  No  
 (Attach Additional Sheets.)

Samples Sent to Geological Survey  Yes  No

Cores Taken  Yes  No

Electric Log Run  Yes  No  
 (Submit Copy.)

List ALL E Logs run  Yes  No

DUAL INDUCTION  
 MICROLOG  
 COMP NEUT DENS  
 SONIC

Log Formation (Top), Depth and Datums  Sample

Name	Top	Datum
HEEBNER	3994'	-1116'
LANSING	4086'	-1208'
MARMATON	4528'	-1650'
CHEROKEE	4636'	-1758'
MORROW SD	4763'	-1885'
MISSISSIPPI	4796'	-1918'
LTD	4908'	-2030'

**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#	501'	LITE/Common	135/100	3% cc/3% cc
PRODUCTION	7-7/8"	5-1/2"	15.5#	4903'	ASC	325	2% cc

**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	4764' - 4794'		

**TUBING RECORD** Size 7-7/8" Set At 4734' Packer At \_\_\_\_\_ Liner Run Yes  No

Date of First, Resumed Production, SWD or Inj 08/07/2003 (Commenced Injection) Producing Method  Flowing  Pumping  Gas Lift  Other  INJECTION (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  Other (Specify) INJECTION

Production Interval \_\_\_\_\_