

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

API NO. 15- 055-21683 0000

County FINNEY

SW - ~~SW~~ NW - SW Sec. 12 Twp. 23S Rge. 31 X W

Operator: License # 32198

2050 Feet from S/N (circle one) Line of Section

Name: PETROSANTANDER (USA) INC

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

Address 6363 WOODWAY suite 350

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

City/State/Zip HOUSTON, TEXAS 77057

Lease Name STEWART UNIT Well # MACKEY-9

Purchaser: NA

Field Name STEWART

Operator Contact Person: JASON SIZEMORE

Producing Formation MORROW

Phone (713) 784-8700

Elevation: Ground 2874' KB 2885'

Contractor: Name: CHEYENNE DRILLING

Total Depth 4900' PBDT 4867'

License: 5382

Amount of Surface Pipe Set and Cemented at 475' Feet

Wellsite Geologist: WESLEY HANSEN

Multiple Stage Cementing Collar Used? X Yes No

Designate Type of Completion
X New Well Re-Entry Workover

If yes, show depth set 2085' Feet

If Alternate II completion, cement circulated from 2085'

feet depth to surface w/ 260 sx cmt.

X Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit) **ALT II WHM
6-20-07**

If Workover:

Chloride content 20,000 ppm Fluid volume 1600 bbls

Operator:

Dewatering method used EVAPORATION

Well Name:

Location of fluid disposal if hauled offsite:

Comp. Date Old Total Depth

Operator Name

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

Lease Name License No.

06/12/00 06/20/00 07/01/00
Spud Date Date Reached TD Completion Date

 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]*

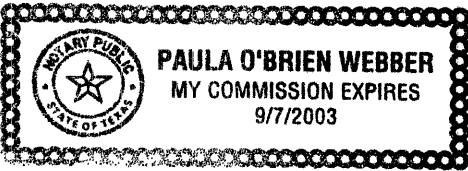
Title Vice-President, Operations Date 08/10/2000

Subscribed and sworn to before me this 10th day of , 20 00.

Notary Public *[Signature]*

Date Commission Expires 9/7/2003

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)



Form ACO-1 (7-91) RECEIVED
STATE CORPORATION COMMISSION
AUG 14 2000
CONSERVATION DIVISION
Wichita, Kansas

SIDE TWO

Operator Name PETROSANTANDER (USA) INC Lease Name STEWART UNIT Well # MACKEY-9

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 (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	HEEBNER	3999'	-1114'
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	LANSING	4082'	-1197'
List ALL E Logs run	DUAL INDUCTION	MARMATON	4520'	-1635'
	MICROLOG	CHEROKEE	4634'	-1749'
	COMP NEUT DENS	MORROW	4763'	-1878'
	SONIC	MISSISSIPPI	4797'	-1912'
		LTD	4905'	-2020'

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#	475'	LITE/CLASS C	200/100	2% cc/2% cc
PRODUCTION	7-7/8"	5-1/2"	15.5#	4900'	POZIMIX 50/50	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 checked="" type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	SURF - 2095'	Lite 'C' + 'H'	260sx Lite, 50 sx 'H'	1/4# FLOSEAL

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	4766' - 4781'	Frac 7000 gal Ambor gell 1025	
		10,000# 20/40 Ottawa sand	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-7/8"	4785'		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Date of First, Resumed Production, SWD or Inj	Producing Method		INJECTION	
07/18/00	<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 Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio
	12		10	
				Gravity 29

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: 4766' - 4781'

ORIGINAL ALLIED CEMENTING CO., INC. 5596

Federal Tax I.D. _____

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

OAKLEY

DATE <u>6-26-00</u>	SEC. <u>22</u>	TWP. <u>23S</u>	RANGE <u>31W</u>	CALLED OUT	ON LOCATION <u>8:45 AM</u>	JOB START <u>9:30 AM</u>	JOB FINISH <u>10:45 AM</u>
LEASE <u>MACKAY</u>	WELL # <u>9</u>	LOCATION <u>GARDEN CITY 6N-11E-12N</u>			COUNTY <u>FENNEY</u>	STATE <u>KS</u>	
OLD OR <u>(NEW)</u> (Circle one)							

CONTRACTOR POST & MASTER WELL SERVICE OWNER SAME

HOLE SIZE	T.D.
CASING SIZE <u>5 1/2</u>	DEPTH
TUBING SIZE <u>2 7/8</u>	DEPTH
DRILL PIPE	DEPTH
TOOL <u>PORT COLLAR</u>	DEPTH <u>2095'</u>
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG.	
PERFS.	
DISPLACEMENT	

EQUIPMENT	
PUMP TRUCK # <u>300</u>	CEMENTER <u>TERRY</u>
	HELPER <u>TERRY</u>
BULK TRUCK # <u>309</u>	DRIVER <u>JIM</u>
BULK TRUCK # <u>212</u>	DRIVER <u>ANDREW</u>

CEMENT			
AMOUNT ORDERED	<u>50SKS CLASS "H"</u>		
	<u>400SKS LITE CLASS "C" 1/2" P/B SEAL</u>		
	<u>USED 260SKS LITE 1/2" P/B SEAL 50SKS "H"</u>		
COMMON	<u>Class "C" 169</u>	@ <u>9.35</u>	<u>1,580.15</u>
POZMIX	<u>91 SKS</u>	@ <u>3.25</u>	<u>295.75</u>
GEL	<u>14 SKS</u>	@ <u>9.50</u>	<u>133.00</u>
CHLORIDE	<u>6 SKS</u>	@ <u>28.00</u>	<u>168.00</u>
	<u>Flo-Seal 65#</u>	@ <u>1.15</u>	<u>74.75</u>
	<u>Class H. 50 SKS</u>	@ <u>7.90</u>	<u>395.00</u>
		@	
		@	
		@	
HANDLING	<u>450 SKS</u>	@ <u>1.05</u>	<u>472.50</u>
MILEAGE	<u>4¢ per sk/mile</u>		<u>1,224.00</u>

TOTAL ~~4,343.15~~
4343.15

REMARKS:

PRESSURE SYSTEM 1800 PSI. HELD
OPEN PORT MAX 260 SKS LITE 1/2"
FLO-SEAL 50SKS CLASS "H" + DISPLACE
1 1/2 BBL. CLOSE PORT COLLAR PRESSURE
SYSTEM TO 1800 PSI. HELD RUN 2 STANDS
& REVERSE OUT. CEMENT QTD CIRC.

THANK YOU

SERVICE

DEPTH OF JOB	<u>2095'</u>		
PUMP TRUCK CHARGE			<u>580.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>68 miles</u>	@ 3.00	204.00
PLUG		@ <u>3.00</u>	<u>204.00</u>
		@	
		@	

TOTAL ~~774.00~~
784.00

CHARGE TO: PETRO SANTANDER USA.

STREET _____

CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

	@		
	@		
	@		
	@		
	@		

TOTAL _____

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE _____

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

PRINTED NAME _____

ALLIED CEMENTING CO., INC. 5554

Federal Tax I.D.# XXXXXXXXXX

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

ORIGINAL
SERVICE POINT:
Oakley

DATE <u>6-20-00</u>	SEC. <u>12</u>	TWP. <u>23 S</u>	RANGE <u>31 W</u>	CALLED OUT	ON LOCATION <u>8:00 AM</u>	JOB START <u>12:30 PM</u>	JOB FINISH <u>1:30 PM</u>
LEASE <u>Mackey</u>	WELL# <u>9</u>	LOCATION <u>Baden City NE to Rd 6-1/2</u>			COUNTY <u>Finney</u>	STATE <u>Kan</u>	
OLD OR NEW (Circle one) <u>NEW</u>				<u>1/4H</u>			

CONTRACTOR Cheyenne Drls Co #3
 TYPE OF JOB Production String
 HOLE SIZE 7 7/8 T.D. 4858'
 CASING SIZE 5 1/2 DEPTH 15.50
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL Port Callar DEPTH 2085.36
 PRES. MAX 1300 MINIMUM 100
 MEAS. LINE SHOE JOINT 34.58
 CEMENT LEFT IN CSG.
 PERFS.
 DISPLACEMENT 115.9

OWNER Same
 CEMENT AMOUNT ORDERED 325 SKS 50/50 per
2% CC, 1/4" Flo-Seal

COMMON	<u>163 SKS</u>	@	<u>7.55</u>	<u>1,230.65</u>
POZMIX	<u>162 SKS</u>	@	<u>3.25</u>	<u>526.50</u>
GEL		@		
CHLORIDE	<u>2 SKS</u>	@	<u>28.00</u>	<u>196.00</u>
<u>Flo-Seal</u>	<u>81#</u>	@	<u>1.15</u>	<u>93.15</u>

EQUIPMENT

PUMP TRUCK CEMENTER Max
 # 102 HELPER Walt
 BULK TRUCK DRIVER Andrew
 # 280
 BULK TRUCK DRIVER

HANDLING 325 SKS @ 1.05 341.25
 MILEAGE 44 per SK/minute 884.00

TOTAL 3,271.50

REMARKS:

SERVICE

10 SKS in M.H.
15 SKS in B.H.
CMT SK Prod CSMA with 700 SKS
Washup Pump Lines Drop Plug
Displace 115.5 BBL Land Plug Float
Held

DEPTH OF JOB
 PUMP TRUCK CHARGE 1,080.00
 EXTRA FOOTAGE @
 MILEAGE 68 miles @ 204.00 ~~1020.00~~
 PLUG 5 1/2 Rubber @ 50.00

TOTAL ~~1334.00~~
1334.00

CHARGE TO: Patm-Santander, USA, Inc
 STREET
 CITY STATE ZIP

FLOAT EQUIPMENT

5 1/2

<u>1- Guide Shoe</u>	@	<u>110.00</u>
<u>1- AFD insert</u>	@	<u>160.00</u>
<u>10- Centralizers</u>	@ <u>25.00</u>	<u>250.00</u>
<u>2- Baskets</u>	@	<u>284.00</u>
<u>1- Box Thread Loc</u>	@	<u>23.00</u>

TOTAL 827.00

To Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX
 TOTAL CHARGE
 DISCOUNT IF PAID IN 30 DAYS

SIGNATURE

PRINTED NAME

ALLIED CEMENTING CO., INC.

5508

Federal Tax I.D.#

ORIGINAL

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

Oakley

DATE <u>6-13-00</u>	SEC. <u>9</u>	TWP. <u>23</u>	RANGE <u>31w</u>	CALLED OUT	ON LOCATION <u>12:45 AM</u>	JOB START <u>7:00 AM</u>	JOB FINISH <u>8:00 AM</u>
LEASE <u>Mackey</u>	WELL # <u>9</u>	LOCATION <u>Garden City 6 1/2 mile + 156 3/4</u>		COUNTY <u>Finney</u>	STATE <u>Ks</u>		
OLD OR NEW (Circle one) <u>NEW</u>							

CONTRACTOR <u>Cheyenne Drlg Rig 3</u>	OWNER <u>Same</u>
TYPE OF JOB <u>Surface</u>	
HOLE SIZE <u>12 1/4</u>	T.D. <u>480</u>
CASING SIZE <u>8 5/8</u>	DEPTH <u>477</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX <u>500#</u>	MINIMUM
MEAS. LINE	SHOE JOINT <u>42.27</u>
CEMENT LEFT IN CSG. <u>42.27</u>	
PERFS.	
DISPLACEMENT <u>27 Bbls</u>	
EQUIPMENT	

PUMP TRUCK # <u>102</u>	CEMENTER <u>Dean</u>
BULK TRUCK # <u>347</u>	HELPER <u>Walt</u>
BULK TRUCK #	DRIVER <u>Duane</u>
BULK TRUCK #	DRIVER

CEMENT		
AMOUNT ORDERED		
<u>200sk Lite 2 3/4 CC 1/4" Flo Seal</u>		
<u>100sk C/C 2 3/4 CC</u>		
<u>Class C COMMON</u>	<u>100 SKS @ 9.35</u>	<u>935.00</u>
POZMIX	@	
GEL	@	
CHLORIDE	@	
<u>6.5 SKS</u>	<u>@ 28.00</u>	<u>168.00</u>
<u>LITE 200 SKS</u>	<u>@ 6.65</u>	<u>1330.00</u>
<u>Flo Seal 50#</u>	<u>@ 1.15</u>	<u>57.50</u>
	@	
	@	
	@	
HANDLING <u>300 SKS</u>	<u>@ 1.05</u>	<u>315.00</u>
MILEAGE <u>44 per SK/mile</u>		<u>816.00</u>

TOTAL 3621.50

REMARKS:

Cement did circulate

SERVICE

DEPTH OF JOB		<u>477'</u>
PUMP TRUCK CHARGE		<u>470.00</u>
EXTRA FOOTAGE	@	
MILEAGE <u>68 Miles</u>	<u>@ 3.00</u>	<u>204.00</u>
PLUG <u>8 5/8 surface</u>	@	<u>45.00</u>
	@	
	@	

TOTAL 719.00

CHARGE TO: Petro Santander (USA) Inc
STREET _____
CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

<u>1 T.P. Guide shoe</u>	@	<u>196.00</u>
<u>1 Baffle Plate</u>	@	<u>45.00</u>
<u>3 Centralizers</u>	<u>@ 30.00</u>	<u>90.00</u>
	@	
	@	

TOTAL 331.00

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE Ernesto Gallegos

TAX _____
TOTAL CHARGE _____
DISCOUNT _____ IF PAID IN 30 DAYS

PRINTED NAME _____