

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: NCRAOperator Contact Person: JASON SIZEMOREPhone (713) 784-8700Contractor: Name: Abercrombie RTD, IncLicense: 30685Wellsite Geologist: Wesley D HansenDesignate Type of Completion
X New Well Re-Entry Workover

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

If Workover:

Operator: N/AWell Name: Comp. Date Old Total Depth

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

09-28-98 10-06-98 10-07-98
Spud Date Date Reached TD Completion Date

API NO. 15- 055-21634County FINNEY - SW - NW - NE Sec. 10 Twp. 23S Rge. 31 E X W965 Feet from S(N) (circle one) Line of Section1435 Feet from (E)W (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
(NE) NE, SE, NW or SW (circle one)Lease Name MEYER Well # MEYER 10-6Field Name STEWART (Morrow) Waterflood UnitProducing Formation MORROWElevation: Ground 2880' KB 2885'Total Depth 4900' PBTD Amount of Surface Pipe Set and Cemented at 507.84 FeetMultiple Stage Cementing Collar Used? Yes X NoIf yes, show depth set FeetIf Alternate II completion, cement circulated from 1990feet depth to SURFACE w/ 450 sx cmt.Drilling Fluid Management Plan A17.2 11-24-98 UC.
(Data must be collected from the Reserve Pit)Chloride content 14,600 ppm Fluid volume 850 bblsDewatering method used EvaporationLocation of fluid disposal if hauled offsite: Operator Name Lease Name License No. Quarter Sec. Twp. S Rng. E/WCounty Docket No.

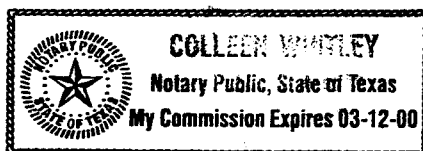
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side 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 Title Vice President of Operations Date 11/4/98Subscribed and sworn to before me this 4th day of November, 19 98.Notary Public Colleen WhitleyDate 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	
<input checked="" type="checkbox"/> KCC	<input type="checkbox"/> SWD/Rep
<input type="checkbox"/> KGS	<input type="checkbox"/> Plug
NCPA Other (Specify) <u>IS</u>	

Form ACO-1 (7-91)



25068

Operator Name PETROSANTANDER (USA) INC Lease Name MEYER Well # MEYER 10-6Sec. 10 Twp. 23S Rge. 31 ☐ EastCounty FINNEY☒ 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 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.)List All E.Logs Run: Dual Induction Log
Comp Neutron Density
Comp Borehole Sonic
Microlog
Sonic Cement Bond Log☒ Log Formation (Top), Depth and Datums ☐ Sample

Name	Top	Datum
HEEBNER SHALE	3989	-1104
LANSING	4078	-1193
MARMATON	4518	-1633
PAWNEE	4594	-1709
CHEROKEE SHALE	4636	-1751
MORROW	4770	-1885
MISSISSIPPIAN	4804	-1919
RTD/LTD	4900	-2015

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#	507.84	LITE/Common	200/100	2% cc %# floreal
PRODUCTION	7-5/8"	5-1/2"	15.5#	4901	50/50 Poz	275	2% cc %# floreal

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	4771' - 4804'	Frac 15M# gal gelled wtr, 30M# sand	4771' - 4804'
TUBING RECORD	Size 2-7/8" Set At 4820' Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or Inj 10-20-98	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 195 Bbls. Gas 0 Mcf Water 37 Bbls. Gas-Oil Ratio 0 Gravity 29		

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) _____

4771-4804'