

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

KCC

JUL 23 2001

Operator: License # 32198

CONFIDENTIAL

Name: PETROSANTANDER (USA) INC

Address: 6363 WOODWAY suite 350

City: HOUSTON

State/Zip: TEXAS 77057

Purchaser: NA

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KANSAS CORPORATION COMMISSION

Operator Contact: JASON SIZEMORE

Phone: (713) 784-8700

JUL 23 2001

Contractor: Name: CHEYENNE DRILLING

License: 5382

CONSERVATION DIVISION
WICHITA, KS

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/Re-entry:

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.

05/08/01

05/15/01

06/14/01

Spud Date or

Date Reached TD

Completion Date or

Recompletion Date

Recompletion Date

API NO. 15- 055-21745

County: FINNEY

- NW - SW - SE Sec. 33 Twp. 23S Rge. 32 E

900 Feet from N (circle one) Line of Section

2300 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 McFERREN Well # McFERREN 7

Field Name CONGDON

Producing Formation MORROW

Elevation: Ground 2832' KB 2843'

Total Depth 4803' PBDT 4756'

Amount of Surface Pipe Set and Cemented at 565' Feet

Multiple Stage Cementing Collar Used? ☒ Yes ☐ No

If yes, show depth set 2005 Feet

If Alternate II completion, cement circulated from 2005

feet depth to surface w/ 315 sx cmt.

Drilling Fluid Management Plan ALT 2 8/2 02/15/02
(Data must be collected from the Reserve Pit)

Chloride content 11,000 ppm Fluid volume 1600 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 NOV 1 2 2002 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, Operations Date 07/09/01

Subscribed and sworn to before me this 9th day of July 20 01.

Notary Public

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) INCLease Name McFERREN

Well #

McFERREN #7Sec. 33 Twp. 23S Rge. 32☐ 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

(See attached letter)

DUAL INDUCTION

MICROLOG

COMP NEUT DENS

SONIC

☐ Log Formation (Top Depth and Bottom) ☐ Sample

Name
HEEBNER
LANSING
MARMATON
PAWNEE
CHEROKEE
MORROW
MISSISSIPPI
LTD

Top
3854'
3894'
4423'
4496'
4534'
4700'
4740'
4803'

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CONSERVATION DIVISION
WICHITA, KS

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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" | 23# | 565' | LITE/Class C | 200/100 | 2% cc/2% cc |
| PRODUCTION | 7-7/8" | 5-1/2" | 15.5# | 4802' | 50/50 Poz | 300 | 2% cc |
| | | | | | | | |

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 | 4702' - 4708' | Frac:- 15,000 gal ULTRAVIS 25 | |
| 4 | 4708' - 4732' | 20,000# Ottawa 20/40 sand | |
| | | Flush 2500 gal ULTRAVIS | |
| | | | |
| FROM CONFIDENTIAL | | | |
| TUBING RECORD: Size 2-7/8" | | Set At 4672' | |
| | | Packer At | |
| | | Liner Run Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | |
| Date of First, Resumed Production, SWD or Inj 06/17/01 | | Producing Method. <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. 121 | Gas. Mcf | Water Bbls. 18 |
| | | Gas-Oil Ratio. | Gravity. 30 |

Disposition of Gas.

METHOD OF COMPLETION

Production Interval

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

☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled

4702' - 4732'

☐ Other (Specify)