

29-16-25W *jud*

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

Operator: License # 3842
LARSON OPERATING COMPANY
Name: A DIVISION OF LARSON ENGINEERING, INC.
Address 562 WEST HIGHWAY 4

City/State/Zip OLMITZ, KS 67564-8561

Purchaser: NCRA
Operator Contact Person: TOM LARSON
Phone (316) 653-7368

Contractor: Name: DUKE DRILLING CO., INC.
License: 5929
Wellsite Geologist: ROBERT STOLZLE

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: Oil well info as follows:
Operator: _____
Well Name: _____
Comp. Date _____ Old Total Depth _____

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

5/23/92 5/29/92 7/4/92
Spud Date Date Reached TD Completion Date

API NO. 15- 135-23,680
County NESS
SW - SE - SE - _____ Sec. 29 Twp. 16S Rge. 25 W E
330 Feet from S/█ (circle one) Line of Section
990 Feet from E/█ (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
█, SE, █, █ (circle one)
Lease Name BURGESS Well # 1-29
Field Name ARNOLD, SOUTHWEST
Producing Formation MISSISSIPPI
Elevation: Ground 2578 KB 2587
Total Depth 4590 PBTB 4537
Amount of Surface Pipe Set and Cemented at 217 Feet
Multiple State Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 2900
feet depth to SURFACE w/ 275 sx cmt.

Drilling Fluid Management Plan ALT 2, CONFIRMED BY STEVE DURRANT OF DISTRICT 2
(Data must be collected from the Reserve Pit) 11-12-93 JS
Chloride content 6000 ppm Fluid Volume 6400 bbls
Dewatering method used ALLOWED TO DRY
Location of fluid disposal if hauled offsite: _____
Operator Name _____
Lease Name _____
Quarter Sec. _____ Twp. _____ Rng. _____ W
County _____ Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, 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 geological 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 Thomas C. Larson
Title PRESIDENT Date 7/21/93
Subscribed and sworn to before me this _____ day of _____, 1993.
Notary Public Carol S. Larson
CAROL S. LARSON
Date Commission Expires JUNE 8, 1997

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)

CAROL S. LARSON
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 6-8-97

SIDE TWO

Larson Operating Company, Inc. Operator Name A Division of Larson Engineering, Inc.

Lease Name BURGESS Well # 1-29

Sec. 29 Twp. 165 Rge. 25 East West

County NESS

Instructions: Show important tops and base of formation 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.) Yes No
Samples Sent to Geological Survey Yes No
Cores Taken Yes No
Electric Log Run (Submit Copy.) Yes No
List All E. Logs Run: CALIPER LOG GAMMA RAY, DUAL INDUCTION GAMMA RAY, COMPENSATED NEUTRON DENSITY, MINILOG GAMMA RAY

Log Formation (Top), Depth and Datums Table with columns: Name, Top, Datum. Includes entries for ANHYDRITE, HEEBNER, LANSING, BASE KANSAS CITY, MARMATON, FORT SCOTT, CHEROKEE SH, MISSISSIPPI.

CASING RECORD Table with columns: 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. Includes SURFACE and PRODUCTION rows.

ADDITIONAL CEMENTING/SQUEEZE RECORD Table with columns: Purpose, Depth Top Bottom, Type of Cement, # Sacks Used, Type and Percent Additives.

PERFORATION RECORD - Bridge Plugs Set/Type Table with columns: Shots Per Foot, Specify Footage of Each Interval Perforated, Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used), Depth.

TUBING RECORD Table with columns: Size, Set At, Packer At, Liner Run (Yes/No).

Date of First, Resumed Production, SWD or Inj. Table with columns: Date (7/5/92), Producing Method (Flowing, Pumping, Gas Lift, Other).

Estimated Production Per 24 Hours Table with columns: 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). Production Interval: 4494-4510

ATTACHMENT TO ACO-1

BURGESS 1-29
NESS COUNTY, KANSAS
API 15-135-23,680

COPY

CMT 5-1/2" PRODUCTION CASING AS FOLLOWS:

500 GAL MUD FLUSH, 275 SX 65-35 POZ W/ 10% GEL, 5#/SK GILSONITE & 1/8 #/SK FLOCELE, 2 BBL FRESH WTR SPACER, 85 BBL MUD, 2 BBL FRESH WTR SPACER, 500 GAL SUPERFLUSH, 2 BBL FRESH WTR SPACER, 25 SX COMMON & 75 SX EA-2 W/ 5% CALSEAL, 18% SALT, 7#/SK GILSONITE, 1/8#/SK FLOCELE & 3/4% H-322.

ACID RECORD:

4494-4510' 500 GAL 15% mca W/ 1 GAL PEN-88

4494-4510' 1000 GAL MOD 202 W/ 2 GAL AS-7, 4 GAL 3N & 1 GAL PEN-88

4494-4510' 1500 GAL MOD 202 W/ 3 GAL AS-7, 6 GAL 3N, 250# ROCK SALT & 250# BENZOIC ACID FLAKES

RECEIVED
STATE CORPORATION COMMISSION

JUL 23 1993

CONSERVATION DIVISION
Wichita, Kansas