

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

Operator: License # 5015Name: HELLAR DRILLING COMPANY, INC.Address 125 N. MARKET, STE 1422City/State/Zip WICHITA, KS 67202

Purchaser: _____

Operator Contact Person: D.L. HELLARPhone (316) 267-2845Contractor: Name: ABERCROMBIE RTD, INC.License: 30684Wellsite Geologist: Donald R. Douglass

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover

☒ Oil ☐ SWD ☐ SIOW ☐ Temp. Abd.
☐ Gas ☐ ENHR ☐ SIGW
☐ Dry ☐ Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

Operator: N/A

Well Name: _____

Comp. Date _____ Old Total Depth _____

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

4-16-944-24-945-21-94

Spud Date

Date Reached TD

Completion Date

API NO. 15- 101-21,671County LANENE SW SW - Sec. 5 Twp. 16S Rge. 27 ☒ E990' Feet from SW (circle one) Line of Section990' Feet from E/W (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)Lease Name USA Well # #1Field Name BROUGHTON NW

Producing Formation _____

Elevation: Ground 2529' KB 2534'Total Depth 4460' PSTD 4395'Amount of Surface Pipe Set and Cemented at 268.51' FeetMultiple Stage Cementing Collar Used? ☐ Yes ☐ No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 1256'feet depth to surface w/ 300 ex cnt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content 4000 ppm Fluid volume _____ bblsDewatering method used evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name N-A**RELEASED**

Lease Name _____ License No. _____

Quarter III Sec. 26 Twp. 16S Rge. 27 E/WCounty _____ **FROM CONFIDENTIAL**

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 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 D.L. HellarTitle President Date 6/23/94Subscribed and sworn to before me this 23rd day of June, 19 94.Notary Public Judy C. RidderDate Commission Expires 6/16/96

JUDY C. RIDDER
STATE NOTARY PUBLIC
SEDGWICK COUNTY, KANSAS
MY ADOT EXP. 11/16/96

K.C.C. OFFICE USE ONLY	
F <input checked="" type="checkbox"/>	Letter of Confidentiality Attached
C <input type="checkbox"/>	Wireline Log Received
C <input type="checkbox"/>	Geologist Report Received
STATE CORPORATION COMMISSION	
Distribution	
<input checked="" type="checkbox"/> KCC	<input type="checkbox"/> SWD/Rep
<input checked="" type="checkbox"/> KGS	<input type="checkbox"/> Plug
JUN 24 1994	
Other (Specify) _____	
CONSERVATION DIVISION Wichita, Kansas	

Operator Name HELLAR DRILLING COMPANY, INC.Lease Name USAWell # #1Sec. 15 Twp. 16S Rge. 27☐ East
☒ WestCounty LANE

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:

R A Guard Log
Sonic Cement Bond Log

☐ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Heebner	3772	-1238
Lansing	3811	-1277
Stark	4060	-1526
Fort Scott	4309	-1775
Mississippi	4412	-1878

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 1/2"	8 5/8"	24#	268.71'	60-40poemix	205	2% gel 3% cc
PRODUCTION	7 7/8"	4 1/2"	10.5#	4440'	EA-2	170	
DV Tool				1256'	HCL	300	

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing	4327-33			A 250 15% MCA; RCA 1500 15% FE
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug-Off Zone	4311-15			A 260 15% MCA; RCA 2500 15% SGA

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

TUBING RECORD	Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2 3/8"	4365'	--		
Date of First, Resumed Production, SWD or Inj.	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)				
May 27, 1994					
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	33.4	-0-	-0-		40°

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) _____

4311-15'
4327-33'

COPY

USA #1
Hellar Drilling Company, Inc.
ACO-1

NPI#15-101-21671

Drill Stem Test Information:

DST #1 3968-4000

30-45-60-45

Weak blow throughout. Recovered 90' of fluid - 30' slightly oil cut mud (12% oil, 88% mud) and 60' water cut mud (32% water, 68% mud)

FP's 41-41 & 52-62
BHP's 1153 & 1101

KCC

DST #2 4094-4109

JUN 23

30-45-60-45

CONFIDENTIAL

Strong blow throughout. Recovered 800' of fluid - 675' gasy oil (42%), 125' ho & gas cut mud (1% oil, 45% gas, 32% mud, 2% water)

FP's 72-93 & 187-291
BHP's 1215 & 1184

DST #2 4309-30

30-45-60-60

Weak blow initially, build to strong at end of test. Recovered 2500' gas in pipe, 25' clean oil, 40' muddy oil - 5% gas, 70% oil, 25% mud.

FP'S 31-31 & 41-41
BHP'S 447 & 437

RELEASED

JUL 2 6 1995

FROM CONFIDENTIAL

RECEIVED
STATE CORPORATION COMM

JUN 24 1994

CONSERVATION DIVISION
Wichita, Kansas