

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-4
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 32754
Name: Elysium Energy, L.L.C.
Address: 1625 Broadway, Suite 2000
City/State/Zip: Denver, CO 80202
Purchaser: NCRA
Operator Contact Person: Chris Gottschalk
Phone: (785) 434-4638
Contractor: Name: Discovery Drilling Co., Inc
License: 31548
Wellsite Geologist: Ron Nelson
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: Old Well Info as follows:
Operator: _____
Well Name: _____
Original Comp. Date: _____ Original Total Depth: _____
☐ Deepening ☐ Re-perf. ☐ Conv. to Enhr./SWD
☐ Plug Back _____ Plug Back Total Depth _____
☐ Commingled _____ Docket No. _____
☐ Dual Completion _____ Docket No. _____
☐ Other (SWD or Enhr.?) _____ Docket No. _____
3/24/03 3/28/03 4/17/03
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 163-23370-0000
County: Rooks
NW NE NW Sec. 11 Twp. 9 S. R. 19 ☐ East ☒ West
330 feet from S / ☒ (circle one) Line of Section
1650 feet from E / ☒ (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE ☒ NW SW
Lease Name: Hederhorst Well #: 7
Field Name: Barry
Producing Formation: Arbuckle
Elevation: Ground: 2011' Kelly Bushing: 2019'
Total Depth: 3468' Plug Back Total Depth: 3446'
Amount of Surface Pipe Set and Cemented at 220.8 Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☒ No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 3467
feet depth to surface w/ 500 sx cmt.
Cement did circulate

Drilling Fluid Management Plan ALL 11 W B 13 03
(Data must be collected from the Reserve Pit)
Chloride content 11000 ppm Fluid volume 320 bbls
Dewatering method used Evaporation
Location of fluid disposal if hauled offsite:
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ ☐ East ☒ West
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 of 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: Regulatory Engineer Date: 8/1/03
Subscribed and sworn to before me this 1st day of August
2003
Notary Public: [Signature]
Date Commission Expires: 2/9/2005

KCC Office Use ONLY

☒ Letter of Confidentiality Attached
If Denied, Yes ☐ Date: _____
☒ Wireline Log Received
☒ Geologist Report Received
____ UIC Distribution

Operator Name: Elysium Energy, L.L.C. Lease Name: Hederhorst Well #: 7
Sec. 11 Twp. 9 S. R. 19 ☐ East ☒ West County: Rooks

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken (Attach Additional Sheets)	☐ Yes ☒ No	☒ Log	Formation (Top), Depth and Datum	☐ Sample
Samples Sent to Geological Survey	☐ Yes ☒ No	Name	Top	Datum
Cores Taken	☐ Yes ☒ No	Top Anhydrite	1408'	+611
Electric Log Run (Submit Copy)	☒ Yes ☐ No	Topeka	2943'	-924
List All E. Logs Run:		Toronto	3170'	-1151
		LKC	3189'	-1170
		Arbuckle	3434'	-1415
CNL/CDL, Sonic, Induction, CBL				

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	220.8	Common	150	2% gel, 3% CC
Production	7-7/8"	5-1/2"	17	3467'	SMDC	350	11.2 ppg
						150	14 ppg

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose: ____ Perforate ____ Protect Casing ____ Plug Back TD ____ Plug Off Zone	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives

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	3436'-3442'		

TUBING RECORD	Size	Set At	Packer At	Liner Run	☐ Yes ☒ No
	2-7/8"	3441'			
Date of First, Resumed Production, SWD or Enhr. 4/17/03	Producing Method ☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	53		87		

Disposition of Gas	METHOD OF COMPLETION	Production Interval
☐ Vented ☐ Sold ☐ Used on Lease (If vented, Submit ACO-18.)	☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled	3436-42'
	☐ Other (Specify)	