

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

Approx.

Operator: License # 31956Name: DARK HORSE OIL COMPANYAddress 34861 Forest Park DriveCity/State/Zip Elizabeth, CO 80107

Purchaser: _____

Operator Contact Person: Douglas C. FrickeyPhone (800) 876-4482Contractor: Name: Murfin Drilling CompanyLicense: 30606Wellsite Geologist: Paul M. Gunzelman

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/Reentry: Old Well Info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

☐ Deepening ☐ Re-perf. ☐ Conv. to Inj/SWD☐ Plug Back ☐ PBD☐ Commingled ☐ Docket No. _____☐ Dual Completion ☐ Docket No. _____☐ Other (SWD or Inj?) ☐ Docket No. _____Spud Date 7/19/2001 Date Reached TD 7/26/2001 Completion Date _____API NO. 15- 193-20678-0000County ThomasN/2-N/2-SE-of Sec. 29 Twp. 10-S Rge. 32-E ☒ ☒2300' Feet from ☒ N (circle one) Line of Section1310' Feet from ☒ W (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE, SE, ☒ NW or SW (circle one)Lease Name Karlin Trust Well # 1-29Field Name BroeckelmanProducing Formation Lansing/Kansas CityElevation: Ground 3056' KB 3061'Total Depth 4619' PBDT 4619'Amount of Surface Pipe Set and Cemented at 260' FeetMultiple Stage Cementing Collar Used? ☐ Yes ☒ No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content 1100 ppm Fluid volume 375 bblsDewatering method used Evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W

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 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.

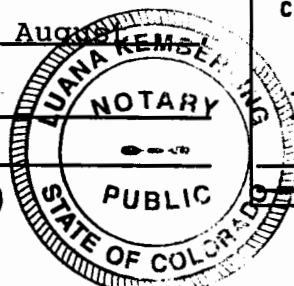
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature [Signature]Title President Date 8/22/01Subscribed and sworn to before me this 22nd day of August 2001.Notary Public [Signature]Date Commission Expires _____ My Commission Expires January 24, 2004

RECEIVED

AUG 27 2001

KCC WICHITA



K.C.C. OFFICE USE ONLY
F ☐ Letter of Confidentiality Attached
C ☐ Wireline Log Received
C ☐ Geologist Report Received

Distribution
KCC ☐ SWS/Rep ☐ NGPA
KGS ☐ Plug ☐ Other
(Specify)

Form ACO-1 (7-91)

SIDE TWO

Operator Name Dark Horse Oil Company Lease Name Karlin Trust Well # 1-29
 Sec. 29 Twp. 10S Rge. 32- ☐ East ☒ West
 County Thomas

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 ☐ No Cores Taken ☐ Yes ☒ No Electric Log Run ☒ Yes ☐ No (Submit Copy.) List All E.Logs Run: <u>Radiation Guard Log SP</u> <u>Sonic Log</u>	☒ Log Formation (Top), Depth and Datums ☐ Sample <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Datum</th> </tr> </thead> <tbody> <tr> <td>Stone Corral</td> <td>2568</td> <td>+493</td> </tr> <tr> <td>Base/Stone Corral</td> <td>2597</td> <td>+464</td> </tr> <tr> <td>Topeka</td> <td>3758</td> <td>-697</td> </tr> <tr> <td>Heebner Shale</td> <td>3979</td> <td>-918</td> </tr> <tr> <td>Toronto</td> <td>4000</td> <td>-939</td> </tr> <tr> <td>Lansing</td> <td>4019</td> <td>-958</td> </tr> <tr> <td>Stark Shale</td> <td>4234</td> <td>-1173</td> </tr> <tr> <td>Base/Kansas City</td> <td>4297</td> <td>-1236</td> </tr> <tr> <td>Pawnee</td> <td>4424</td> <td>-1363</td> </tr> <tr> <td>Mississippian</td> <td>4619</td> <td>-1558</td> </tr> </tbody> </table>	Name	Top	Datum	Stone Corral	2568	+493	Base/Stone Corral	2597	+464	Topeka	3758	-697	Heebner Shale	3979	-918	Toronto	4000	-939	Lansing	4019	-958	Stark Shale	4234	-1173	Base/Kansas City	4297	-1236	Pawnee	4424	-1363	Mississippian	4619	-1558
Name	Top	Datum																																
Stone Corral	2568	+493																																
Base/Stone Corral	2597	+464																																
Topeka	3758	-697																																
Heebner Shale	3979	-918																																
Toronto	4000	-939																																
Lansing	4019	-958																																
Stark Shale	4234	-1173																																
Base/Kansas City	4297	-1236																																
Pawnee	4424	-1363																																
Mississippian	4619	-1558																																

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"	20#	260'	COMMON	175	3%cc 2%gel

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

TUBING RECORD		Size	Set At	Packer At	Liner Run ☐ Yes ☐ No
Date of First, Resumed Production, SMD or Inj.		Producing Method ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)			
Estimated Production Per 24 Hours	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 _____
---	---	---------------------------