

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

Operator: License # 31956Name: Dark Horse Oil CompanyAddress 34861 Forest Park DriveCity/State/Zip Elizabeth, CO 80107Purchaser: NCRAOperator Contact Person: Douglas C. FrickeyPhone (303) 646-5156Contractor: Name: Murfin Drilling CompanyLicense: 30606Wellsite Geologist: Paul M. Gunzelman

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover

☒ Oil ☐ SWD ☐ SOW ☐ 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 ☐ PBTD
☐ Commingled ☐ Docket No. _____
☐ Dual Completion ☐ Docket No. _____
☐ Other (SWD or Inj?) ☐ Docket No. _____

3/26/2002 4/01/2002 4/23/2002Spud Date 3/26/2002 Date Reached TD 4/01/2002 Completion Date 4/23/2002API NO. 15- 039-20923-0000County DecaturApprox. - C N/2-NW Sec. 24 Twp. 2-S Rge. 27 X (W)745 Feet from S(N) (circle one) Line of Section1410 Feet from E(W) (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE, SE, (NW) or SW (circle one)Lease Name Long Family Trust Well #: 1-24Field Name Monaghan NEProducing Formation Lansing "Pollnow" ZoneElevation: Ground 2677 ft. KB 2682 ft.Total Depth 3806 ft. PBTD 3754 ft.Amount of Surface Pipe Set and Cemented at 304 FeetMultiple Stage Cementing Collar Used? X Yes ☐ NoIf yes, show depth set 2200 FeetIf Alternate II completion, cement circulated from 2200feet depth to Surface w/ 450 sx cmt.Drilling Fluid Management Plan 11/11/04 7.8.02
(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 6/19/02Subscribed and sworn to before me this 19th day of June, 2002Notary Public [Signature]Date Commission Expires 7/22/04

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 Dark Horse Oil CompanyLease Name Long Family Trust Well # 1-24☐ EastCounty DecaturSec. 24 Twp. 2-S Rge. 27☒ 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: Dual Induction w/GR
Compensated Neutron Density w/PE
Dual Receiver Cement Bond Log☒ Log Formation (Top), Depth and Datums ☐ Sample

Name	Top	Datum
Top Stone Corral	2192	+490
Base Stone Corral	2226	+456
Topeka	3342	-660
Heebner Shale	3508	-826
Toronto	3537	-855
Lansing	3550	-868
Base/Kansas City	3750	-1068
Total Depth	3806	-1124

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#	304'	COMMON	185	3%cc 2%gel
PRODUCTION	7-7/8"	4-1/2"	10.5#	3796'	ASC	175	2% gel 500 gal. WFR-2

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input checked="" type="checkbox"/> Protect Casing	2200'	60/40 POZ	450	6% gel and 1/4# flo-seal
<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
Four (4)	3580' thru 3582' (Pollnow Zone)	250 gal. of 15% MCA	3580'
		1500 gal. of 20% SGA	3580'

TUBING RECORD	Size 2-3/8"	Set At 3748.00'	Packer At NA	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. 6/14/2002	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 30 Bbls.	Gas Mcf	Water 150 Bbls.	Gas-Oil Ratio Gravity 35°

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)

3580' - 3582'