

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

CONFIDENTIAL

Operator: License # 9953Name: HARRIS OIL AND GAS COMPANYAddress 1125 17TH STREET, SUITE 2290
DENVER, CO 80202

City/State/Zip _____

Purchaser: KOCH OIL COMPANYOperator Contact Person: BUD HARRISPhone (303) 293-8838Contractor: Name: DUKE DRILLING COMANY

License: _____

Wellsite Geologist: DAN SOMMER

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: _____

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. _____

5-12-94 5-22-94 6-15-94
 Spud Date Date Reached TD Completion Date

API NO. 15- 187-20742County STANTON- - NE- NE Sec. 28 Twp. 29S Rge. 39 X E660 Feet from S/W (circle one) Line of Section660 Feet from E/W (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
(NE, SE, NW or SW (circle one))Lease Name MCPHERSON COLLEGE A Well # 2-28Field Name WEST BIG BOWProducing Formation ST. LOUISElevation: Ground 3174 KB 3186Total Depth 5775 PBTD _____Amount of Surface Pipe Set and Cemented at 1682 FeetMultiple Stage Cementing Collar Used? ☒ Yes ☐ NoIf yes, show depth set 3093 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 5000 ppm Fluid volume 2500 bblsDewatering method used CUT WINDOWS IN WALL TO AID IN
NATURAL DEWATERING AND EVAPORATION.
Location of fluid disposal if hauled offsite: _____Operator RELEASEDLease Name JUL 2 6 1995 License No. NCCQuarter Sec. _____ Twp. JUN 2 3 Rng. _____ E/WCounty FROM CONFIDENTIAL 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 Daniel R SommerTitle EXPLORATION MANAGER Date 7-13-94Subscribed and sworn to before me this 12 day of JULY
19 94.Notary Public Alvin BerryDate Commission Expires 11-23-95

RECEIVED
JUL 20 1994
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 ☒ FS
(Specify)

Operator Name HARRIS OIL AND GAS COMPANYLease Name MCPHERSON COLLEGE A 2W18 # 2-28Sec. 28 Twp. 29 Rge. 39☐ EastCounty STANTON☒ West

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COPY

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 (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	HEEBNER	3760	-574
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	MARMATON	4432	-1246
List All E.Logs Run:		ATOKA	4810	-1624
		MORROW	5146	-1960
		CHESTER	5531	-2345
		ST. GEN	5582	-2396
		ST. LOUIS	5668	-2482

CNL-LDL-GR-DIL-SFL-GR
ML-GR

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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	24	1682	LITE	575	2% CC, 1/4# FLOCELE
PRODUCTION	7 7/8	5 1/2	15.5	5775	CLASS C CLASS H	150	5% KCL, 6/10# HALAD - 10 BF SUPERFLUSH

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 <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	1150 3093	LITE CLASS C	200-50	1/4# FLOCELE 1/4# FLOCELE

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 SPF	5669-5678	NATURAL	RELEASED
			JUL 26 1995
			FROM CONFIDENTIAL

TUBING RECORD	Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2 7/8	5670	5619		
Date of First, Resumed Production, SWD or Inj.	6-15-94	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 280 Bbls.	Gas TRACE Mcf	Water TRACE Bbls.	Gas-Oil Ratio	Gravity 42

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

5669-5678