

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

Operator: License # 9953

: Harris Oil and Gas Company

Address 1125 17th Street

Suite 2290

City/State/Zip Denver, CO 80202

Purchaser: n/a

Operator Contact Person: Doug Hoisington

Phone (303) 293-8838

Contractor: Name: Gonzales Well Service

License: 31985

Wellsite Geologist: n/a

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: Harris Oil and Gas Company

Well Name: Julian #1-27

Date 12/31/92 Old Total Depth 5800'

☒ Deepening ☒ Re-perf. ☒ Conv. to Inj. ☒ SWD
☒ Plug Back 4143' PBTB
☐ Commingled Docket No. _____
☐ Dual Completion Docket No. _____
☒ Other (SWD or Inj?) Docket No. D-27,762

6/21/00 6/26/00

Date OF START Date Reached TD Completion Date OF
 OF WORKOVER WORKOVER

API NO. 15- 187-20654-1002

County Stanton

NE - SW Sec. 27 Twp. 29S Rge. 39 X W

1980 Feet from S (circle one) Line of Section

1980 Feet from E (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
 NE, SE, NW or SW (circle one)

Lease Name Julian Well # 1-27

Field Name Big Bow (West Ext)

DISPOSAL
~~Producing~~ Formation LANSING

Elevation: Ground 3197' KB 3208'

Total Depth 5800' PBTB 4143'

Amount of Surface Pipe Set and Cemented at 1718 Feet

Multiple Stage Cementing Collar Used? ☒ Yes ☐ No

If yes, show depth set 3093 Feet

If Alternate II completion, cement circulated from n/a

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan REWORK 2/91
 (Data must be collected from the Reserve Pit) 3/28/01 n/a

Chloride content _____ ppm Fluid volume _____ bbls

Dewatering method used _____

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 Doug Hoisington
 Title Operations Manager Date 7/25/2000

Subscribed and sworn to before me this 25th day of July, 2000.

Notary Public Tracy Adams

Notary Commission Expires March 13, 2004

K.C.C. OFFICE USE ONLY
☐ Letter of Confidentiality Attached
☐ Wireline Log Received
☐ Geologist Report Received
 Distribution
☐ KCC ☐ SWD/Rep ☐ NGPA
☐ KGS ☐ Plug ☐ Other
 (Specify)

Operator Name Harris Oil and Gas CompanyLease Name JulianWell # 1-27Sec. 27 Twp. 29S Rge. 39☐ East☒ WestCounty Stanton

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:

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

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	1718'	Class C Lite	150 600	1/4# Flocele
Production	7 7/8"	4 1/2"	10.5	5800'	Class H	200	.6% Halad 322

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
☐ Perforate				
☒ Protect Casing	3718' to 3928'	Class H	150	2% CaCl
☐ 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
4	4044' - 4060' and 4088' - 4122'	5000 gal 15% FE acid
	CIBP @ 4143'	
4	5691' - 5702'	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8"	3984'	3984'	☐ Yes ☒ No
Date of First, Resumed Production, (SWD) or Inj.	Producing Method ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)			
6/29/00				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity
	n/a			

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) SWDW