

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

Operator: License # 9953

Name: Harris Oil and Gas Company

Address 1125 Seventeenth Street
Suite 2290

City/State/Zip Denver, CO 80202

Purchaser: Amoco

Operator Contact Person: Doug Hoisington

Phone (303) 293-8838

Contractor: Name: Big A Drilling

License: 31572

Wellsite Geologist: Curtis Covey

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows: N/A

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. _____

01/05/01 01/16/01 04/03/01
Spud Date Date Reached TD Completion Date

API NO. 15- 187-20944-0000

County Stanton

Approx C - NW Sec. 9 Twp. 30S Rge. 39 X E W

1320 Feet from S (circle one) Line of Section

1016 Feet from E (circle one) Line of Section

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

Lease Name McPerson College B Well # 1-49

Field Name Nicholas

Producing Formation Morrow

Elevation: Ground 3203' KB 3213'

Total Depth 5893' PBTD 5832'

Amount of Surface Pipe Set and Cemented at 1708 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set N/A Feet

If Alternate II completion, cement circulated from N/A

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan AL 184 7-12-02
(Data must be collected from the Reserve Pit)

Chloride content 800 ppm Fluid volume 600 bbls

Dewatering method used Air Evaporation

Location of fluid disposal if hauled offsite: N/A

Operator Name _____

Lease Name _____ License No. _____

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

County _____ Docket No. _____

KCC

APR 25 2001

CONFIDENTIAL

RELEASED

JUL 10 2002

FROM CONFIDENTIAL

RECEIVED
STATE CORPORATION COMMISSION

APR 30 2001

CONSERVATION DIVISION

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 Operations Manager Date 4/25/01

Subscribed and sworn to before me this 25th day of April, 2001

Notary Public [Signature]

Date Commission Expires March 31, 2005

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 Harris Oil and Gas Company

Lease Name McPherson College B Well # 1-49

Sec. 9 Twp. 30S Rge. 39

East
 West

County Stanton

COPY

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all core 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:

DIL - SRL - GR
CNL - FDC - GR
ML
ACBL

Name	Top	Datum
Heebner	3806'	-593
Lansing	3906'	-693
Bottom of KC	4474'	-1261
Marmaton	4491'	-1278
Cherokee	4669'	-1456
Morrow	5188'	-1975
St. George	5716'	-2503
St. Louis	806'	-2593

CONFIDENTIAL

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#	1708'	Lite/Class C	590/125	1/8# Flocele 2% Ca 1/4# Flocele 2% Ca
Production	7 7/8"	4 1/2"	10.5#	5868'	Class H	224	5% KCl, 5% D60

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

RECEIVED
STATE CORPORATION COMMISSION
APR 30 2001

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Wichita, Kansas Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	5587'-5598' KCC	14000 gal 70 Q CO ₂ foamed	
4	5606'-5614' APR 2-5 2001	KCl w/ 32000# 16/30 sand	RELEASED
4	5648'-5650' CONFIDENTIAL		JUL 10 2002

CONSERVATION DIVISION
Wichita, Kansas

TUBING RECORD	Size	Set At	Packer At	Liner Run	Production Interval
	2 3/8"	5810'	None	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	FROM CONFIDENTIAL
Date of First, Resumed Production, SWD or Inj.	Producing Method		Other (Explain)		
SI WOPL	<input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	-0-	200	-0-	N/A	N/A

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: Morrow