

COPY *7/25*

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

Operator: License # 9911

Name: Har-Ken Oil Company

Address 12028 N. Pennsylvania

City/State/Zip Oklahoma City, OK 73120

Purchaser: _____

Operator Contact Person: M. Stuart Kirk

Phone (405) 752-0318

Contractor: Name: Brandt Drilling Co., Rig 1

License: _____

Wellsite Geologist: Arden Ratzlaff

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD S10W Temp. Abd.
 Gas EMHL S16W
 Dry Other (Core, USW, 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 PSTD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

5-23-91 6-7-91 6-7-91
Spud Date Date Reached TD Completion Date

API NO. 15- 19122190

County Sumner

SE NW NE 5 3235 3

4290 Feet from S/N (circle one) Line of Section

1650 Feet from E/W (circle one) Line of Section

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

Lease Name Metzinger Well # 1

Field Name _____

Producing Formation _____

Elevation: Ground 1141 KB 1149

Total Depth 4908 PSTD _____

Amount of Surface Pipe Set and Cemented at 641 Feet:

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet:

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sz cat.

Drilling Fluid Management Plan D&A JH 8-8-94
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume _____ bbls:
Reserve pit left to dry.

Dewatering method used Closed 8-13-91

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

Quarter Sec. 5 Twp. 3 Rng. E/W

County _____ Docket No. _____

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 M Stuart Kirk

Title Agent Date 7-26-94

Subscribed and sworn to before me this 26 day of July 19 94.

Notary Public Paul W. Willis

Date Commission Expires February 20, 1998

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
RECEIVED
STATE CORPORATION COMMISSION
KCS
Distribution
 SWD/Rep NEPA
 Plug Other (Specify) JS
JUL 29 1994
CONSERVATION DIVISION
Wichita, Kansas
Form ACO-1 (7-91)

Operator Name Har-Ken Oil Company Lease Name Metzinger Well # 1

Sec. 5 Twp. 35 Rge. 3
 East
 West

County Sumner

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests - interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheets 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.) Previously submitted

List All E.Logs Run: Dual Induction
 Neutron/Density

Name	Top	Bottom
Miss	4362	-3218
Kinderhook	4750	-3601
Viola	4806	-3657
Simp Dol	4828	-3679
Wilcox Sd	4854	-3705
TD	4908	

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#	641	150 std 210 lr std	360	3% Ca w/flakes

ADDITIONAL CEMENTING/SQUEEZE RECORD

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

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	Depth

TUBING RECORD Size _____ Set At _____ Packer At _____ Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. D & A Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours Oil N/A Bbls. Gas N/A Mcf Water N/A Bbls. Gas-Oil Ratio _____

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 _____