

SIDE ONE

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION OR RECOMPLETION FORM  
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: License # 9953  
Name Harris Oil & Gas  
Address 910 16th St, Suite 1212  
City/State/Zip Denver, CO 80202

Purchaser na

Operator Contact Person Harold K. Frauli  
Phone (316) 624-8388

Contractor: License # 5842  
Name Gabbert-Jones

Wellsite Geologist Marc Harvey  
Phone 316 624-5338

Designate Type of Completion  
 New Well  Re-Entry  Workover  
 Oil  SWD  Temp Abd  
 Gas  Inj  Delayed Comp  
 Dry  Other (Core, Water Supply etc.)

If OWMO: old well info as follows:  
Operator  
Well Name  
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
1-9-85 1-24-85 NONE  
Spud Date Date Reached TD Completion Date  
6000 done  
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 1493 feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set feet  
If alternate 2 completion, cement circulated from feet depth to w/SX cmt

API NO. 15-119 20698-0000

County Meade

C SE/4 Sec 14 Twp 32S Rge 29  East  West

1320 Ft North from Southeast Corner of Section  
1320 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

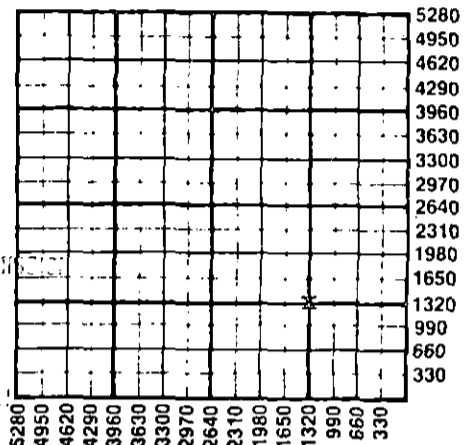
Lease Name Sanders Well # 1-A

Field Name AngeII

Producing Formation Morrow Sandstone

Elevation: Ground 2559 KB 2572

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water:  Disposal  Repressuring  
Docket #

Questions on this portion of the ACO-1 call:  
Water Resources Board (913) 296-3717

Source of Water:  
Division of Water Resources Permit # T-85-19

Groundwater 1320 Ft North from Southeast Corner  
(Well) 1320 Ft West from Southeast Corner of  
Sec 14 Twp 32S Rge 29  East  West

Surface Water Ft North from Southeast Corner  
(Stream, pond etc) Ft West from Southeast Corner  
Sec Twp Rge  East  West

Other (explain) (purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 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 drillers time log shall be attached with this form. 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 Harold K. Frauli

Title Manager Date 3-27-85

Subscribed and sworn to before me this 27th day of March 1985

Notary Public

Elaine Long  
NOTARY PUBLIC  
State of Kansas  
My Appointment Expires 10-4-86

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

Sec. 14 Twp 32S Rge 29

SIDE TWO

Operator Name Harris Oil & Gas Lease Name Sanders Well # 1-A

Sec. 14 Twp. 32S Rge. 29  East  West County Meade

WELL LOG

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  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No

Formation Description  
 Log  Sample

DST #1  
 Chester 5575 - 5631 @ 30-60-60-120  
 IHH 2763  
 IF 50-34, very weak blow  
 ISI 168  
 FF 50-50, weak blow & dec.  
 FSI 470  
 FHH 2763  
 T - 124° Rec. 60' mud, no show; sampler data:  
 32 psi contained 2000 cc mud; cl 3000, no show.

DST #2  
 Basal-Chester 5744 - 5847 @ 30-60-60-120  
 IS weak blow inc. to strong blow  
 FF Strong blow & dec.. No gas to surface  
 IHH 2830  
 IF 101-67  
 ISI 956  
 FF 84-67  
 FHH 2763 Rec. 120' mud, no show.  
 T - 126°

Name	Top	Bottom
Cased hole	54	
Sand	385	
Redbed	930	
Shale	992	
Gloriatte Sand	1105	
Shale-Sand	1250	
Shale	2550	
Shale-Lime	2970	
Shale	3190	
Lime-Shale	4610	
Lime	6000	
TD	6000	

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 1/2	8-5/8	24	1493	Lite H	525	2% cc. 1% Floccal
Protection	17 1/2	13-3/8	54.5	453	Lite H	200	3% cc
						225	2% cc
						200	3% cc

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth

TUBING RECORD Size Set At Packer at Liner Run  Yes  No

Date of First Production Producing Method  Flowing  Pumping  Gas Lift  Other (explain).....

Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio	Gravity

METHOD OF COMPLETION Production Interval

Disposition of gas:  Vented  Open Hole  Perforation  
 Sold  Other (Specify) .....  
 Used on Lease  Dually Completed .....  
 Commingled .....

DST #3

Kansas City 4698 - 4730, hook @ 4735, 30-60-60-120

Hook would not set; slid 6'

IHH 2348

IF 211-348, weak blow inc. to strong

ISI 1581

FF 439-602 weak blow inc. to strong

FSI 1565

FHH 2332

T - 112°, Recovered 60' mud; 180' watery mud; 970' SW

RECEIVED  
STATE CORPORATION COMMISSION

APR 05 1985

CONSTRUCTION DIVISION  
TOPEKA, KANSAS