

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 # 7811  
Name Williams Brothers Engineering Co  
Address 6600 South Yale  
Tulsa, Ok. 74136  
City/State/Zip

Purchaser

Operator Contact Person John L. Liston  
Phone 316-792-4356

Contractor: License # 5840  
Name Brandt Drg Co

Wellsite Geologist Douglas H. McGinness  
Phone 316-267-6065

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

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

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable

Spud Date 11-1-85 Date Reached TD 11-8-85 Completion Date 11-9-85  
Total Depth 4585 PBTB

Amount of Surface Pipe Set and Cemented at 219 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. 15-077-21089-00-00

County Harper

R. W/2 SW Sec 21 Twp 33 Rge 8  East  West

1320 Ft North from Southeast Corner of Section  
4620 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

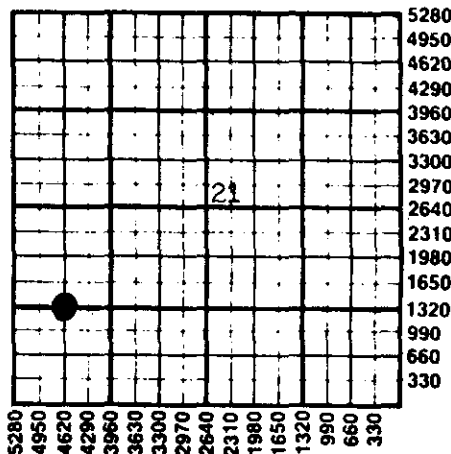
Lease Name Shellhammer Well # 1

Field Name Harmon Ext

Producing Formation

Elevation: Ground 1353 KB 1358

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 #

Groundwater... Ft North from Southeast Corner (Well) ... Ft West from Southeast Corner of Sec Twp Rge  East  West  
 Surface Water.. 1650 Ft North from Southeast Corner (Stream pond etc) .. 3960 Ft West from Southeast Corner Sec 21 Twp 33 Rge 8  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 John L. Liston

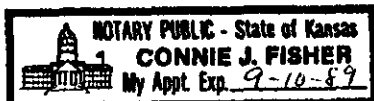
Title Senior Foreman Date 12-17-85

Subscribed and sworn to before me this 17th day of December 1985

Notary Public Connie J. Fisher

Date Commission Expires 9-10-89

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



Form ACO-1 (7-84)  
DEC 19 1985  
12-18-85  
OIL & GAS CONSERVATION DIVISION

Sec 21 Twp 33 Rge 8

SIDE TWO

Operator Name ..... Williams Brothers Eng. Co. .... Lease Name..... Shellhammer ..... Well #..... 1.....

Sec. 21 ..... Twp. 33 ..... Rge. 8 .....  East  West County..... Harner.....

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 - 4575-4585 - 30-30-30-45  
 IHP-2238  
 IFP- 80 to 66 PSI  
 ISP 942  
 FFP- 80 to 53 PSI  
 FSP 981  
 FHP-2225  
 BHT-120  
 Rec. 15' Mud, Gas to surf. 2" into  
 2nd opening. stabilized 6.9 MCF

Name	Top	Bottom
Chase	1580	
Wabaunsee	2465	
Elmont	2660	
Heebner	3428	
Stalnaker	3780	
K, C.	4027	
Stark Shale	4167	
B/ KC	4255	
Cherokee	4431	
Wea Miss	4560	
Miss LS	4569	
Miss Dolomite	4579	
TD	4585	

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> 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	219	Comm	175	3% Celc 2% Gel
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Date of First Production	Producing Method						
	<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....						
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity		
	Bbls	MCF	Bbls	CFPB			

METHOD OF COMPLETION

Production Interval

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