

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 # 6378  
Name Hawkins Oil & Gas, Inc.  
Address P.O. Box 1282  
City/State/Zip Liberal, Ks. 67905-1282

Purchaser Panda Resources  
Tulsa, Oklahoma

Operator Contact Person Frank Gagliardi  
Phone 918-585-3121

Contractor: License # 6033  
Name Murfin Drilling Co.

Wellsite Geologist Roger Bare  
Phone

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

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

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
2-22-89 3-2-89 4-1-89  
Spud Date Date Reached TD Completion Date  
5380' 5150'  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 1640 feet  
Multiple Stage Cementing Collar Used? Yes  No  
If yes, show depth set n/a feet  
If alternate 2 completion, cement circulated from n/a feet depth to n/a w/ SX cmt  
Cement Company Name Allied Cementing Co.  
Invoice # unknown

Air-I

API NO. 15-129-20,962-0000  
County Morton  
SE SE SE Sec. 29 Twp 32S Rge 42 East X West  
330 Ft North from Southeast Corner of Section  
330 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

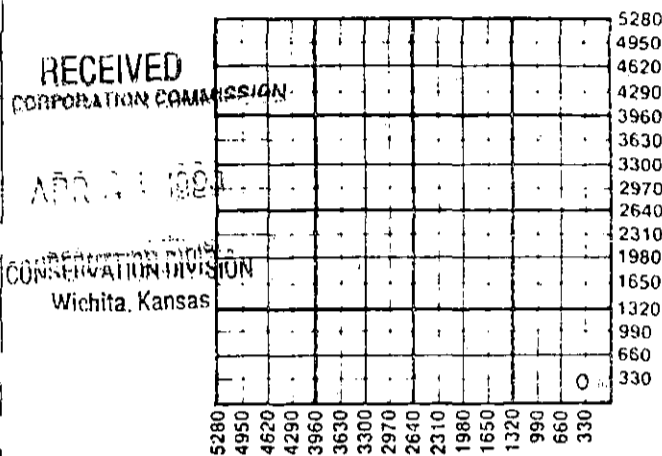
Lease Name OLGA SMITH Well # 1-29

Field Name Pankratz Greenwood gas

Producing Formation Marrow

Elevation: Ground 3513' KB 3523'

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal  
Docket # Repressuring

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

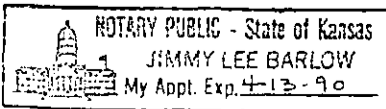
Source of Water: pumped to rig  
Division of Water Resources Permit #  
Groundwater Ft North from Southeast Corner (Well) Ft West from Southeast Corner of Sec Twp Rge East West  
Surface Water Ft North from Southeast Corner (Stream, pond etc) Ft West from Southeast Corner Sec Twp Rge East West  
Other (explain) (purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 T.J. Diseker  
Title District Superintendent Date 4-20-89

Subscribed and sworn to before me this 20th day of April 1989  
Notary Public Jimmy Lee Barlow, Notary Public  
Date Commission Expires 4-13-90



K.C.C. OFFICE USE ONLY  
 Letter of Confidentiality Attached  
 Wireline Log Received  
 Drillers Timelog Received  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other (Specify)  
4-21-89 X  
Form ACO-1 (5-86)

Sec 29 Twp 32S Rge 42W

Operator Name Hawkins Oil & Gas, Inc. Lease Name OLGA SMITH Well # 1-29

RELEASED

Sec. 29 Twp. 32S Rge. 42  East  West County Morton MAY 08 1990

WELL LOG

FROM CONFIDENTIAL

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

Name	Top	Bottom
Topeka	2940'	
Heebner	3275'	
Lansing	3593'	
Marmaton	3886'	
Cherokee	4174'	
Atoka	4470'	
Morrow	4500'	
"F" Sand	4794'	
Keyes	4974'	
Chester	5052'	
Ste. Gen	5120'	
St. Louis	5220'	
TD		5380'

CASING RECORD <input checked="" type="checkbox"/> New <input checked="" 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"	24#	1640' KB	light	490	3%CC
.....Production.....	7-7/8"	5-1/2"	17# & 15.5#	5384' KB	50/50 pozmix	535	3%CC 2%gel, 5%KCL 1/2%CF-14
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
4	5226'-5230'.....5242'-5245'.....			1000 gal. 15% HCL. & MSR-100		.....	
2	4882'-4916'.....			Cast Iron Bridge Plug		.....5150'!	
				3000 gal. 2% KCL & MSR-100		.....	
				3000 gal. Thix Gas + 38000# 20/40 sand		.....	
TUBING RECORD		Size	Set At	Packer at	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
		2-3/8"	4870'	none			
Date of First Production		Producing Method					
April 7, 1989		<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	Gas	Water	Gas-Oil Ratio		Gravity
		Bbls	740 MCF	12 Bbls	CFPB		

METHOD OF COMPLETION

Production Interval

Disposition of gas:  Vented  Open Hole  Perforation  
 Sold  Other (Specify) ..... 4882'-4916'  
 Used on Lease  Dually Completed  
 Commingled