

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

API No. 15-129-20,956-0000  
County Morton  
C N/2 SE Sec 20 Twp 32S Rge 42 East  
..... West

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

1980  
1320 Ft North from Southeast Corner of Section  
..... Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

Purchaser Panda Resources  
Tulsa, Oklahoma

Lease Name DOLL "A" Well # 1-20

Operator Contact Person Frank Gagliardi  
Phone (918) 585-3121

Field Name Pankratz

Contractor License # 6033  
Name Martin Drilling Company

Producing Formation Lower Morrow

Wellsite Geologist Roger Bare  
Phone (405) 453-7944

Elevation: Ground 3530' KB 3540'

Designate Type of Completion  
 New Well  Re-Entry  Workover

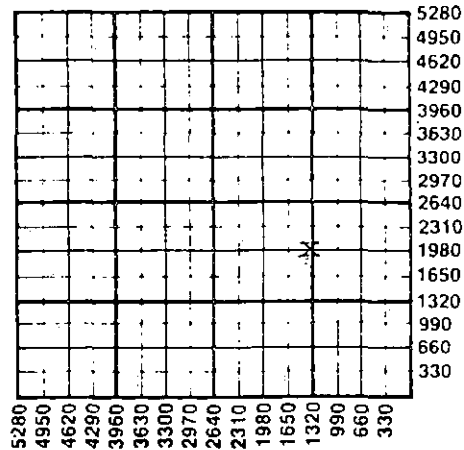
Oil  SWD  Temp Abd  
 Gas  Inj  Delayed Comp.  
 Dry  Other (Core, Water Supply etc)

If ONWO: old well info as follows:

Operator .....  
Well Name .....  
Comp. Date ..... Old Total Depth.....

RECEIVED  
STATE CORPORATION COMMISSION  
6 1989  
APR  
CONSERVATION DIVISION  
Wichita, Kansas

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: \_\_\_\_\_ Disposal  
\_\_\_\_\_ Repressuring

WELL HISTORY

Drilling Method:  Mud Rotary  Air Rotary  Cable  
1-16-89 1-26-89 3-21-89  
Spud Date Date Reached TD Completion Date  
5404' 4990'  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 1656'  
Multiple Stage Cementing Collar Used? Yes  No  
If yes, show depth set.....feet  
If alternate 2 completion, cement circulated  
from n/a.....feet depth to n/a w/ n/a s/cmt  
Cement Company Name B J Titan Services  
Invoice # unknown

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717  
Source of Water:  
Division of Water Resources Permit #.....  
Pumped to rig.  
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 *J. Weber*  
Title District Operations Superintendent Date 4-6-89

Subscribed and sworn to before me this 6th day of April 1989  
Notary Public *Jimmy Lee Barlow*

Date Commission Expires 4-13-90  
NOTARY PUBLIC - State of Kansas  
JIMMY LEE BARLOW  
My Appt. Exp 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)  
4-6-89

Sec. 20 Twp. 32S Rge. 42W

Operator Name Hawkins Oil & Gas, Inc. Lease Name DOLL "A" RELEASED 1-20

Sec. 20 Twp. 32S Rge. 42 County Morton

East  
 West

MAY 8 8 12 20  
FROM CONFIDENTIAL

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

Name	Top	Bottom
Topeka	2977'	
Heebner	3314'	
Lansing	3640'	
Marmaton	3930'	
Cherokee	4200'	
Morrow	4560'	
Keyes	5026'	
Chester	5052'	
Ste. Gen	5162'	
St. Louis	5220'	
T D		5404'

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#	1656' KB	35/65 poz. class C	450	2%cc
production	7-7/8"	4-1/2"	11.6#	5398' KB	LW III class H	50 560	2%cc 10%D-44 #D-29 .6%D-60
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	5008'-5012'			none			
2	4929'-4935'			cast iron bridge plug		4990'	
2	4872'-4880' (SI by closed sleeve)			1000 gal 2% KCL & methanol 16000 gal ThixGas 10,000# 20/40 sand 1000 gal 15% KCL			
TUBING RECORD				16000 gal ThixGas 10,000# 20/40 sand			
Date of First Production		Producing Method					
3-29-89		<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	
		0 Bbls	228 MCF	0 Bbls	CFPB		

METHOD OF COMPLETION

Production Interval

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

4929'-4935'  
 .....