

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 400 S. Boston, Suite 800  
City/State/Zip Tulsa, OK 74103

Purchaser Undetermined

Operator Contact Person Butch Smith  
Phone 918-585-3121

Contractor: License # 6033  
Name Murfin Drilling Company

Wellsite Geologist Don Huber  
Phone 316-624-8222

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

If ~~OWNED~~: old well info as follows:  
Operator N/A  
Well Name  
Comp. Date Old Total Depth

WELL HISTORY

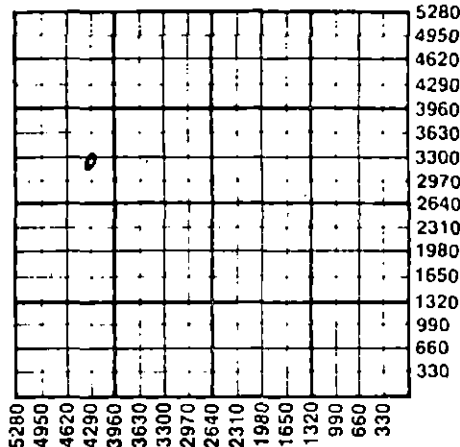
Drilling Method:  
 Mud Rotary     Air Rotary     Cable  
11-20-86    12-3-86    12-16-86  
Spud Date    Date Reached TD    Completion Date  
5700'    5045  
Total Depth    PBTD

Amount of Surface Pipe Set and Cemented at 1607 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  
Cement Company Name \_\_\_\_\_  
Invoice # \_\_\_\_\_

API NO. 15-129-20-834-0000  
County Morton  
C. E/2 SW .NW. Sec. 28. Twp 32S. Rge. 42.  East  West  
3300 Ft North from Southeast Corner of Section  
4290 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

Lease Name HAYMAKER Well # 1-28  
Field Name Pankratz  
Producing Formation Morrow "G"  
Elevation: Ground 3520' KB 3529'

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:  
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) Water purchased from landowner  
(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 [Signature]  
Title Production Manager Date 1/20/87

Subscribed and sworn to before me this 20 day of January 1987  
Notary Public [Signature]  
Date Commission Expires Oct 16, 1989

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)

Sec 28, Twp 32, Rge. 42

Operator Name Hawkins Oil & Gas, Inc. Lease Name HAYMAKER Well # 1-28

Sec. 28 Twp. 32S Rge. 42  East  West County Morton

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 (Morrow G) 4893,4915 30-60-60-120  
 IH 2414#, IF 209-258#, GTS in 5 min., 526 MCFPD  
 ISI 1128#, FF 209-241, 847 MCFPD, stabilized  
 last 10 min. FSI 1128#. FH 2414#. BHT 125° F.  
 Recovery: 180' GCDM

DST #2 (St. Louis) 5226-5263' 30-60-30-60  
 IH 2560#, IF 97-81 weak blow dying 20 min. into  
 IFP, ISI 1156#, FF 97-81 no blow, FSI 1042#.  
 FH 2560#. FHT 140° F. Recovery 45' DM.

DST #3 (St. Louis) 5326-5400 30-60-60-120  
 IH 2655#, IFP 129-193# weak blow, ISIP 1321#,  
 FFP 193-290# weaker than initial blow, FSIP 1321#,  
 FH 2607#. Recovery 120' DM, 120' watery mud.  
 300' water, total of 540' fluid.

Name	Top	Bottom
Topeka	2970	3312
Heebner	3304	3985
Marmaton	3985	4510
Morrow	4510	4852
Morrow "F" Sd	4852	4916
Morrow "G" Sd	4916	5007
Keyes	5007	5048
Chester	5048	5138
St. Gen	5138	5166
St. Louis	5166	5700
TD	5700	

RELEASED

FEB 11 1988

FROM CONFIDENTIAL

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"	24#	1607	Lite	550	2% CC
Production	7 7/8"	5 1/2"	15.5#	5078	pqz mix	150	3% CC
					DSLW3P	50	10% D-44
					DSLW5	275	10% D-44
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)			Depth
2	4916-4920, 4922-4936						
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production		Producing Method					
SI, WOPL		<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	574 MCF	0 Bbls	N/A CFPB		N/A

METHOD OF COMPLETION

Production Interval

Disposition of gas:  Vented  Open Hole  Perforation  
 To be sold  Sold  Other (Specify) ..... 4916-20'  
 Used on Lease  Dually Completed ..... 4922-36'  
 Commingled