

AMENDED

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 Derby Refining Company

Operator Contact Person Butch Smith  
Phone 918-585-3121

Contractor: License # 6033  
Name Murfin Drilling Company

Wellsite Geologist James (Ed) Nichols  
Phone 316-624-2623

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  
Well Name  
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
1-2-87 1-14-87 2-24-87  
Spud Date Date Reached TD Completion Date  
5000'  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 1613 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. 15-129-20,838-00-00  
County Morton  
C S/2 NE NE Sec 32 Twp 33S Rge 42 East West

4290 Ft North from Southeast Corner of Section  
660 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

Lease Name PERKINS "B" Well # 1-32

Field Name N Taloga, North

Producing Formation U. Morrow

Elevation: Ground 3522 KB 3531

Section Plat

Section Plat grid with depth markers from 5280 to 330.

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: Hauled  
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 Butch Smith  
Title Production Manager Date 3/23/87

Subscribed and sworn to before me this 23rd day of March 1987  
Notary Public  
Date Commission Expires Oct 6, 1989

K.C.C. OFFICE USE ONLY  
Letter of Confidentiality Attached  
Wireline Log Received  
Drillers Timelog Received  
Distribution  
KCC RECEIVED  
STATE CORPORATION  
NGPA  
Other (Specify)

Operator Name ... Hawkins Gas, Inc. Lease Name ... PERKINS "B" Well # ... 1-32

Sec. 32 Twp. 33S 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 rate 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 4405-4432' 30-60-60-120  
 IH 2071#. IF 423#-423# GTS in 2" stab. @ 1123 MCF/D  
 ISI 504#. FF 390#-390#, stab @ 1123 MCF/D  
 FSI 504#. FH 2071#. BHT 119° F. Rec. 620' SW. Sampler: 370# psi, 2.0 cu.ft. gas 200 cc water. CL 95,000. ppm Rw .035 @ 119° F. Gas Analysis: U. Morrow  
 DST #1. BTU 1083. Meth. 71.3%. N<sub>2</sub> 12.4%

Name	Top	Bottom
Heebner	3212	3319
Lansing	3319	4398
U. Morrow SS	4398	4758
Morrow "G" SS	4758	4868
Chester Ls	4868	4940
St. Gen	4940'	5000
TD	5000'	

DST #2 4765'-4780' 30-60-60-120  
 IH 2334#. IF 145#-258# weak blow increasing to strong blow. ISI 1032#. FF 322#-403# weak blow increasing to strong blow. FSI 1032#. FH 2318#. BHT 128° F.  
 Recovery: 1200' gas in pipe. 60' GCDM. 745' GCSW.

CASING RECORD <input 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#	1613'	Lite. Wt. CI "H"	550	2% CC
Production	7 7/8"	5 1/2"	15.5#	4548'	CI "H"	150 50 200	3% CC Scavenger slurry 10% D44, .5% D68
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	4434-4444'			1000 gals. 7.1/2% MSR 150		4434-4444'	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production		Producing Method					
2-24-87		<input type="checkbox"/> Flowing <input checked="" 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		
	23 Bbls	0 MCF	Bbls	N/A CFPB	35.5°		

METHOD OF COMPLETION Production Interval

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

4434-4444'

Operator Name ... Hawkins Oil & Gas, Inc. Lease Name ... PERKINS "B" Well # 1-32

Sec. 32 Twp. 33S 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 [X] Yes [ ] No
Samples Sent to Geological Survey [X] Yes [ ] No
Cores Taken [ ] Yes [X] No

Formation Description [X] Log [ ] Sample

DST #1 4405-4432' 30-60-60-120
IH 2071#. IF 423#-423# GTS in 2"
stab. @ 1123 MCF/D
ISI 504#. FF 390#-390#, stab @ 1123 MCF/D
FSI 504#. FH 2071#. BHT 119° F. Rec.
620' SW. Sampler: 370# psi, 2.0 cu.ft.
gas 200 cc water. CL 95,000. ppm Rw
.035 @ 119° F. Gas Analysis: U. Morrow
DST #1. BTU 1083. Meth. 71.3%. N2 12.4%

Table with 3 columns: Name, Top, Bottom. Rows include Heebner, Lansing, U. Morrow SS, Morrow "G" SS, Chester Ls, St. Gen, TD.

DST #2 4765'-4780' 30-60-60-120
IH 2334#. IF 145#-258# weak blow increas-
ing to strong blow. ISI 1032#. FF 322#-
403# weak blow increasing to strong
blow. FSI 1032#. FH 2318#. BHT 128° F.
Recovery: 1200' gas in pipe. 60' GCDM.
745' GCSW.

RELEASED

APR 19 1988

FROM CONFIDENTIAL

CASING RECORD [ ] New [ ] Used
Report all strings set-conductor, surface, intermediate, production, etc.

Table with 8 columns: 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. Rows for Surface and Production.

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

Table with 3 columns: Shots Per Foot, Specify Footage of Each Interval Perforated, Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth. Row 1: 2, 4434-4444', 1000 gals. 7.1/2% MSR. 150, 4434-44'

TUBING RECORD Size 2 3/8" Set At 4343 Packer at Liner Run [ ] Yes [X] No

Date of First Production 2-24-87 Producing Method [ ] Flowing [X] Pumping [ ] Gas Lift [ ] Other (explain).....

Table with 6 columns: Oil, Gas, Water, Gas-Oil Ratio, Gravity. Row 1: 23 Bbls, 0 MCF, Bbls, N/A CFPB, 35.5°

METHOD OF COMPLETION

Production Interval

Disposition of gas: [ ] Vented [ ] Open Hole [X] Perforation
[ ] Sold [ ] Other (Specify) ..... 4434-4444'
N/A [ ] Used on Lease [ ] Dually Completed [ ] Commingled