

AMENDED--GAS WELL

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. 15-129-20,841-0000
County Morton
G.E/2.SW.SW... Soc.21.. Twp.32S..Rge.42... East West

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

Lease Name...KIRKPATRICK "A".....Well #1-21

Field Name...Pankratz

Producing Formation...Morrow

Elevation: Ground...3522'.....KB...3531'

Section Plat

Grid table with elevations on the right side ranging 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.O. #)

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 Co

Wellsite Geologist Roger Bare
Phone (405) 453-7944

Designate Type of Completion
X New Well Re-Entry Workover
Oil SWD Temp Abd
X Gas Inj Delayed Comp.
Dry Other (Core, Water Supply etc.)
If OKWO: old well info as follows:
Operator N/A
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:
X Mud Rotary Air Rotary Cable
...1-15-87... 1-27-87... 2-11-87...
Spud Date Date Reached TD Completion Date
5400'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 1594 feet
Multiple Stage Cementing Collar Used? Yes X No
If yes, show depth set.....feet
If alternate 2 completion, cement circulated
from.....feet depth to.....w/.....SX cmt
Cement Company Name
Invoice #

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. APR 1 1988 4-4-88

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 5/11/87

Subscribed and sworn to before me this 11th day of May 1987
Notary Public
Date Commission Expires Oct 6, 1987

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

Operator Name Hawkins & Gas, Inc. Lease Name Patrick "A" Well #: 1-21

Sec. 21 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 tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow. 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 4943-4958- 30-60-60-120

IH 2628#. IF 105-343#. GTS in 15".
 ISI 1077#. FF 158-290#. FSI 1077#.
 FH 2596#. Rec. 170' GCDM. Sampler
 results: 320# press, 1.9998 cf gas,
 no liquid.

Name	Top	Bottom
Neva	2538'	2980'
Topeka	2980'	3324'
Heebner	3324'	4050'
Marmaton	4050'	4590'
Morrow	4590'	5078'
Chester	5078'	5154'
St. Gen	5154'	5180'
St. Louis	5180'	5400'
TD	5400'	

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"	9 5/8"	49#	1594'	CL "C"	350	2% cc
					Lite	150	3% cc
Production	7 7/8"	4 1/2"	11.6# 10.5	5230'	Lite CL "H"	50 300	.6% Halad 3
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	4947-4956						
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		1100 MCF	0 bbls	N/A	CFPP		

METHOD OF COMPLETION

Production Interval

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

4947-4956

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County Morton

C. E/2 SW SW Sec 21 Twp 32S Rge 42 East West

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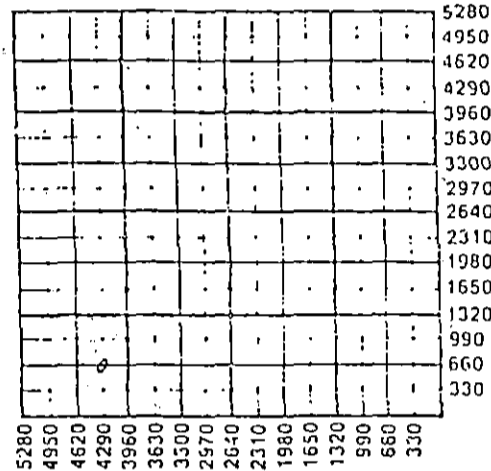
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