

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

5

API NO. 15-191-22-0092-06-20
County Summer
C... SE NE Sec 5 Twp 35 Rge 4 East
X West

Operator: License # 3734
Name Hazelwood Production & Exploration
Address 6801 N. Broadway
Suite 320
City/State/Zip Oklahoma City, OK 73116

3300 Ft North from Southeast Corner of Section
660 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Purchaser

Lease Name Nulikin Well # 5-1

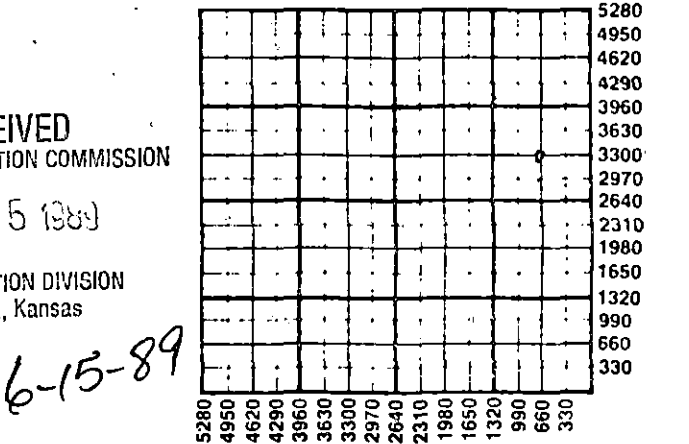
Operator Contact Person James R. Hazelwood, Jr
Phone 405-848-6884

Field Name
Producing Formation
Elevation: Ground 1194 KB 1202

Contractor: License # 5929
Name Duke Drilling Co., Inc.

Section Plat

Wellsite Geologist
Phone



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

WATER SUPPLY INFORMATION
Disposition of Produced Water: Disposal
Docket # Repressuring

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

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

WELL HISTORY
Drilling Method:
X Mud Rotary Air Rotary Cable

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
X Surface Water 3300 Ft North from Southeast Corner
(Stream, pond etc) 660 Ft West from Southeast Corner
Sec 3 Twp 35 Rge 4 East X West
Other (explain)
(purchased from city, R.W.D. #)

12-23-88 1-08-89 1-9-89
Spud Date Date Reached TD Completion Date

5210
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 272 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 #

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 James R. Hazelwood, Jr.
Title Operations Manager Date 06-14-89

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received
Distribution
KCC SWD/Rep NGPA
KGS Plug Other
(Specify)
6-15-89

Subscribed and sworn to before me this 14th day of June 1989
Notary Public Cheryl A. Deeds
Date Commission Expires August 22, 1992

Sec. 5, Twp. 35, Rge. 4, E. 1/2

Operator Name ... Hazelwood Production & Exploration Lease Name ... Nulik Well # ... 5-1

Sec. 5 Twp. 35 Rge. 4 East West County ... Sumner

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 (4541-4566):

Recovered 720' gas in pipe, 60' oil cut mud (15% oil). IHP 2236#; IFP 38# - 38#/15 min; ISIP 512#/30 min; FFP 44# - 44#/60 min; FSIP 1490#/120 min; FHP 2187#. BHT 134°.

Name	Top	Bottom
Topeka	2600	2636
Heebner	3047	3051
Iatan	3386	3398
Stalnaker	3404	3570
Layton	3809	3821
Kansas City	3836	4080
Marmaton	4132	4280
Mississippi	4532	4910
Kinderhook	4910	4978
Simpson	4978	5185
Arbuckle	5185	TD

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
Production	12 1/2"	8-5/8"	20#	272'	60/40 poz	200	
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Date of First Production	Producing Method <input 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	MCF	Bbls	CFPB			

METHOD OF COMPLETION Production Interval

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

DRILLER'S WELL LOG

DATE COMMENCED: December 23, 1988
DATE COMPLETED: January 9, 1989

Hazelwood Production & Expl.
C SE NE
SEc. 5, T35S, R4W
"Nulik #5-1"
Sumner County, Ks.

0 - 272' Surface Soil, Sand
272 - 1005' Red Bed, Shale
1005 - 2425' Shale & Lime
2425 - 2652' Shale
2652 - 3291' Lime & Shale
3291 - 4267' Lime
4267 - 4531' Lime, Shale, Chert
4531 - 4858' Chert & Lime
4858 - 4982' Shale
4982 - 5151' Sand
5151 - 5210' Dolomite
5210' RTD

ELEVATION: 1202' K.B.

Surface Pipe: Set new
8-5/8", 20# pipe @272'
w/200 sacks 60/40 pozmix
2% gel 3% cc.

RECEIVED
STATE CORPORATION COMMISSION

JUN 15 1989

A F F I D A V I T

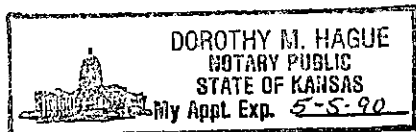
CONSERVATION DIVISION
Wichita, Kansas

STATE OF KANSAS
COUNTY OF BARTON) ss

John Armbruster of lawful age, does swear and state that the facts and statements herein are true and correct to the best of his knowledge.



Subscribed and sworn to before me this 12 day of January 1989.



Dorothy M. Hague
Notary Public