

ORIGINAL

SIDE ONE

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

API NO. 15- 193-20,368-00-00

County Thomas

SE SE SW Sec. 12 Twp. 10S Rge. 32 East West

330 Ft. North from Southeast Corner of Section

2970 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

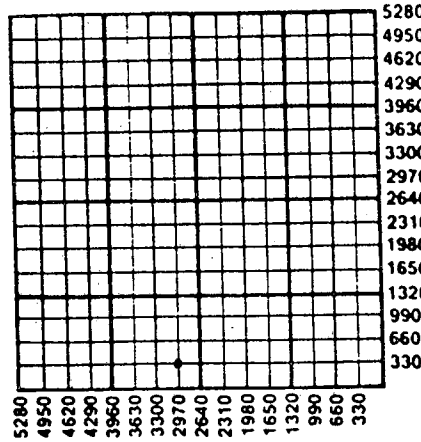
Lease Name Howard Well # 1

Field Name _____

Producing Formation n/a

Elevation: Ground 3061 KB _____

Total Depth 4750 PBDT _____



Operator: License # 5375

Name: HILLENBURG OIL CO.

Address 11600 S. Lynn Lane Rd.
Broken Arrow, OK 74011

City/State/Zip _____

Purchaser: n/a

Operator Contact Person: Harold A. Hillenburg, Jr.

Phone (918) 455-4444

Contractor: Name: White & Ellis Drilling

License: 5420

Wellsite Geologist: Michel L. Russell

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD Temp. Abd.

Gas Inj Delayed Comp.

Dry Other (Core, Water Supply, etc.)

If OMO: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:

Mud Rotary Air Rotary Cable KCC

Spud Date 10-16-85 Date Reached TD 10-28-85 Completion Date 10-28-85

RECEIVED
OCT 23 1990
MAY 23 1990
CONSERVATION DIVISION
Wichita, Kansas

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. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 Harold A. Hillenburg Jr.
Title Partner Date 5-21-90

Subscribed and sworn to before me this 21st day of May, 1990.

Notary Public Gaynell Sherman

Date Commission Expires July 27, 1992

K.C.C. OFFICE USE ONLY

F Letter of Confidentiality Attached
 Wireline Log Received
 Drillers Timelog Received

Distribution

KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)

X P

SIDE TWO

Operator Name Hillenburg Oil Company Lease Name HOWARD Well # 1
 Sec. 12 Twp. 10S Rge. 32 East County Thomas
 West

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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Attach Additional Sheets.) Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Submit Copy.)	<p style="text-align: center;">Formation Description</p> <p><input type="checkbox"/> Log <input type="checkbox"/> Sample</p> <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Bottom</th> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> </tr> </thead> <tbody> <tr> <td>Anh</td> <td>2068</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Topeka</td> <td>3818</td> <td>Lower Cherokee</td> <td></td> <td>4570</td> </tr> <tr> <td>Heebner</td> <td>4038</td> <td>Johnson</td> <td></td> <td>4613</td> </tr> <tr> <td>Toronto</td> <td>4064</td> <td>Mississippi</td> <td></td> <td>4652</td> </tr> <tr> <td>Lansing</td> <td>4078</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Stark</td> <td>4290</td> <td></td> <td></td> <td></td> </tr> <tr> <td>BKC</td> <td>4354</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Marmaton</td> <td>4381</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Pawnee</td> <td>4482</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Upper Cherokee</td> <td>4534</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Name	Top	Bottom	Name	Top	Anh	2068				Topeka	3818	Lower Cherokee		4570	Heebner	4038	Johnson		4613	Toronto	4064	Mississippi		4652	Lansing	4078				Stark	4290				BKC	4354				Marmaton	4381				Pawnee	4482				Upper Cherokee	4534			
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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		262	60/40 Poz.	175	2%Gel/3% CC
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			
Size	Set At	Packer At					
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 Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity		

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION

Open Hole Perforation Dually Completed Commingled

Other (Specify) Plugged

Production Interval _____