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SIDE ONE

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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 # 9911  
Name Har-Ken Oil Company  
Address 7333 E. 22nd St. #6  
City/State/Zip Wichita, KS 67226

Purchaser

Operator Contact Person Donald M. Brown  
Phone 316-684-1146

Contractor: License # 6033  
Name Murfin Drilling Co.

Wellsite Geologist Lou Bird  
Phone 316-227-6041

Designate Type of Completion

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

If OWWO: old well info as follows:

Operator  
Well Name  
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:

- Mud Rotary
- Air Rotary
- Cable

9/3/85 9/8/85 9/8/85  
Spud Date Date Reached TD Completion Date  
4650  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 520 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

API NO. 15-083-21209

County Hodgeman

SE NW NE Sec 19 Twp 21 Rge 23  East  West

4300 Ft North from Southeast Corner of Section  
1930 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

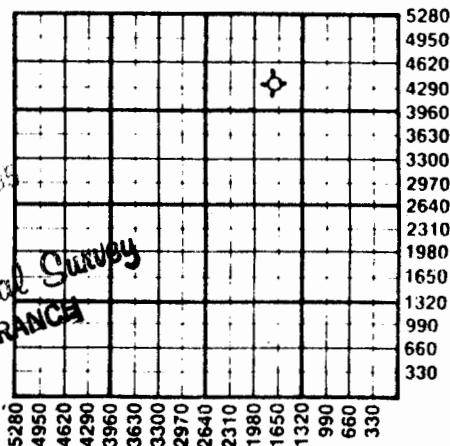
Lease Name Gumbir Well # 3

Field Name Gumbir

Producing Formation

Elevation: Ground 2344 KB 2349

Section Plat



*State Geological Survey  
WICHITA BRANCH*

WATER SUPPLY INFORMATION

Disposition of Produced Water:  Disposal  Repressuring  
Docket #

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

Farm pond  
 Other (explain).....  
(purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 and 82-3-107 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.

Operator Name Har-Ken Oil Company Lease Name Gumbir Well # 3

Sec. 19 Twp. 21 Rge. 23  East  West County Hodgeman

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

Name	Top	Bottom
Heebner	3855-1506	
Lansing	3907-1558	
Base KC	4281-1932	
Pawnee	4375-2026	
Ft. Scott	4440-2091	
Miss Lm	4558-2209	
Miss Dolo	4572-2223	
RTD&LTD	4650-2301	

No shows of oil  
 No DSTs  
 No cores

Welex Gamma-Guard, sidewall  
 Neutron Log

CASING RECORD  New  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	8.578	24	520	Pozmix	290	3% CaCl
.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....

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

TUBING RECORD Size Set At Packer at Liner Run  Yes  No

Date of First Production Producing Method  Flowing  Pumping  Gas Lift  Other (explain).....

Estimated Production	Oil	Gas	Water	Gas-Oil Ratio	Gravity
D&A					

19-21-23W

BIRD ENERGY, INC.

Exploration and Consulting

BOX 1612, DODGE CITY, KS 67801  
316-227-6041

September 12, 1985

Har-Ken Oil Co.  
c/o Donald M. Brown  
7333 E. 22nd #N-6  
Wichita, KS 67226

Re: Har-Ken Oil Co.  
#3 Gumbir  
SE NW NE Sec. 19-21S-23W  
Hodgeman Co., Kansas

NOV 01 1985  
State Geological Survey  
WICHITA BRANCH

Gentlemen:

The following is the pertinent information concerning the above mentioned well:

Spud: 9-3-85	Completed: 9-9-85
Contractor: Murfin-Fig 15	Gas Detector: None
Mud: Maverick Mud	Testing: None
Longs: Welex	Long String: None
Samples: 3800' to TD	Drilling Time: 3500' to TD
Surface Csg: 520' - 8 5/8"	Geologist: Louis S. Bird

GEOLOGICAL TOPS

<u>Formation</u>	<u>Sample Top</u>	<u>Electric Log Top</u>
HEEBNER SHALE	3858 (-1509)	3856 (-1507)
LANSING	3911 (-1562)	3909 (-1560)
B/KC	4280 (-1931)	4280 (-1931)
MARMATON	4289 (-1940)	4293 (-1944)
PAWNEE	4381 (-2032)	4376 (-2027)
FT. SCOTT	4442 (-2093)	4440 (-2091)
CHEROKEE SHALE	4468 (-2119)	4465 (-2116)
MISSISSIPPI	4563 (-2214)	4560 (-2211)
TOTAL DEPTH	4650 (-2301)	4650 (-2301)

RECEIVED  
STATE CORPORATION COMMISSION

OCT 29 1985

CONSERVATION DIVISION  
Wichita, Kansas

19-21-23W<sup>91</sup>

Har-Ken Oil Co.  
c/o Donald M. Brown  
#3 Gumbir  
Hodgeman Co., Kansas

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September 12, 1985

19-21-23W

ZONES OF INTEREST:

4575-4592	MISS. DOLOMITE	Dolomite-buff, very finely crystalline, slightly succrosic, mostly tite, isolated crystalline porosity, <u>No apparent show.</u>
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CONCLUSION:

No shows of oil were encountered during the drilling of this hole. The Mississippian top ran 14' low to the producer to the south (#1 Gumbir). After evaluating the drilling samples and electric log, it was decided to plug and abandon this hole.

NOV 01 1985  
State Geological Survey  
WICHITA BRANCH

Respectfully submitted,

*Louis S. Bird*  
LOUIS S. BIRD  
BIRD ENERGY, INC.

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STATE CORPORATION COMMISSION

OCT 29 1985

CONSERVATION DIVISION  
Wichita, Kansas