SIDE ONE

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

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

Contractor: license # 5829
name Aldebaran Drlg. Co.

Wellsite Geologist Stephen M. Kreidler
Phone 316-265-5370
PURCHASER

Designate **Type of Completion**
XX New Well Re-Entry Workover

[ ] Oil [ ] SWD [ ] Temp. Abd.
[ ] Gas [ ] Inj [ ] Delayed Comp.
X Dry [ ] Other (Core, Water Supply etc.)

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

API NO. 15 - 083-21190

County Hodgeman

C NE SE (location) Sec 19 Twp 21 Rge 23 X W

1980 Ft North from Southeast Corner of Sec
660 Ft West from Southeast Corner of Sec
(Note: locate well in section plat below)

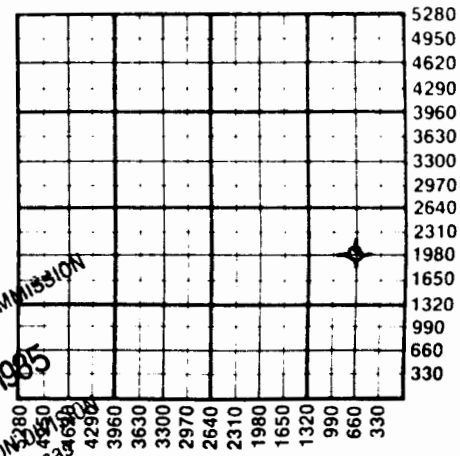
Lease Name Gumbir Well# 2

Field Name Gumbir

Producing Formation None

Elevation: Ground 2379 KB 2387

Section Plat



State Geological Survey
WICHITA BRANCH
JUN 1 9 1985
RECEIVED
STATE CORPORATION COMMISSION
JUN 1 1 1985
CONSERVATION DIVISION
Wichita, Kansas

WELL HISTORY

Drilling Method: X Mud Rotary [ ] Air Rotary [ ] Cable

3/17/85 3/24/85
Spud Date Date Reached TD Completion Date

4670
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 518 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

WATER SUPPLY INFORMATION

Source of Water:

Division of Water Resources Permit #

[ ] Groundwater Ft North From Southeast Corner
(Well) Ft. West From Southeast Corne
Sec Twp Rge [ ] East [ ] West

[ ] Surface Water Ft North From Southeast Corner
(Stream, Pond etc.) Ft West From Southeast Co
Sec Twp Rge [ ] East [ ] West

[ ] Other (explain)
(purchased from city, R.W.D.#)

Disposition of Produced Water: [ ] Disposal [ ] Repressuring

Docket #

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. Rules 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.

SIDE TWO

Operator Name Har-Ken Oil Company Lease Name Gumbir Well# 2 SEC 19 TWP 21 RGE 23 X E ☐ W

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem te giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached st level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Att extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken	☐ Yes	X No
Samples Sent to Geological Survey	X Yes	☐ No
Cores Taken	☐ Yes	X No

Formation Description
X Log ☐ Sample

Name	Top	Botto
Cedar Hills	1097+1290	
Anhydrite	1623+ 764	
Base Anhydrite	1653+ 734	
Heebner	3904-1517	
Toronto	3919-1532	
Lansing	3956-1569	
Base Kansas City	4342-1955	
Marmaton	4357-1970	
Pawnee	4437-2050	
Fort Scott	4504-2117	
Cherokee	4528-2141	
Cong. Shale	4579-2192	
Cong. sandstone	4590-2203	
Mississippian lime	4627-2240	
" dolomite	4644-2257	
RTD	4670-2282	
LTD	4667-2280	

JUN 19 1985
State Geological Survey
WICHITA BRANCH

CASING RECORD X 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	12¼	8 5/8	23#	518	Common	325	3%CaCl, 2%

PERFORATION RECORD

shots per foot	specify footage of each interval perforated

Acid, Fracture, Shot, Cement Squeeze Record

(amount and kind of material used)	Depth

ALDEBARAN DRILLING CO. INC.

453 SOUTH WEBB ROAD
P.O. BOX 18611
WICHITA, KANSAS 67207
(316) 685-5372

Ind 19-21-23W

WELL LOG

WELL NAME: GUMBIR #2

WELL LOCATION: C NE SE
SEC. 19-21S-23W, HODGEMAN CO., KS.

OPERATOR: HAR-KEN OIL COMPANY

CONTRACTOR: ALDEBARAN DRILLING CO., INC.

COMMENCED: 3-17-85

COMPLETED: 3-23-85

CASING RECORD: 12 jts. 8 5/8"
23 wt. new set at 518', 325 bags
common 3% cc. 2% gel

FORMATION:	FROM:	TO:
nd	0	352'
Clay-Shale	352'	597'
Shale	597'	1010'
Anahydrite	1010'	1030'
Shale	1030'	2080'
Shale-Lime	2080'	4670'

JAN 08 1986
State Geological Survey
WICHITA BRANCH

STATE OF KANSAS)
COUNTY OF SEDGWICK) SS:

CERTIFY THAT THIS IS A TRUE AND CORRECT COPY OF THE DRILLER'S LOG ON THE WELL DRILLED C NE SE, SEC. 19-21S-23W, HODGEMAN COUNTY, KANSAS TO THE BEST OF MY KNOWLEDGE AND BELIEF.

ALDEBARAN DRILLING CO., INC.
WAYNE L. KIRKMAN
PRESIDENT

SCRIBED AND SWORN TO BEFORE ME THIS 26TH DAY OF MARCH, 1985.

MY APPOINTMENT EXPIRES: MARCH 20, 1987

KATHLEEN G. QUINN
STATE NOTARY PUBLIC
Sedgwick County, Kansas
My Appt. Exp. 3-20-87

Kathleen G. Quinn
KATHLEEN G. QUINN NOTARY PUBLIC

JAN 1986
CONSERVATION DIVISION