SIDE ONE

33-8-22E

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. 15-103-20,677

County Leavenworth

NE SE SE Sec. 33 Twp. 8 Rge. 22 X East ___ West

3630 Ft North from Southeast Corner of Section
660 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name Ryan Well # 4

Field Name Leavenworth

Producing Formation Burgess Sand

Elevation: Ground 920 KB ___

Operator: License # 4920
Name Alice Harris
Address Box 145
City/State/Zip Easton, Ks 66020

Purchaser Maclaskey
Laggs

Operator Contact Person Bob Harris
Phone

Contractor: License # 4423
Name Van Drilling, Inc.

Wellsite Geologist Lawrence Gulbertson
Phone 913-773-8122

Designate Type of Completion
X New Well ___ Re-Entry ___ Workover

~~X~~ OIL ___ SWD ___ Temp Abd
X Gas ___ Inj ___ Delayed Comp.
___ Dry ___ Other (Core, Water Supply etc.)

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

WELL HISTORY

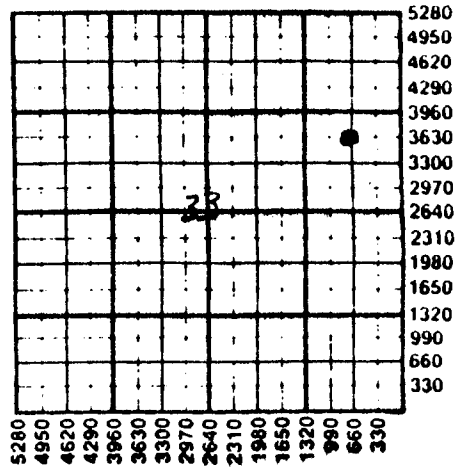
Drilling Method:
X Mud Rotary ___ Air Rotary ___ Cable

6-28-86 | 7-1-86 | 7-4-86
Spud Date | Date Reached TD | Completion Date

1268 | ____
Total Depth | PBTD

Amount of Surface Pipe Set and Cemented at 40 feet
Multiple Stage Cementing Collar Used? ___ Yes ___ No
If yes, show depth set ____ feet
If alternate 2 completion, cement circulated
from 1268 feet depth to surface w/ 190 SX cmt
Cement Company Name Consolidated
Invoice #

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: X Disposal
Docket # D-22-520 ___ Repressuring

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

X 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.D. #)

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.

33-8-22

SIDE TWO

Operator Name Alice Harris Lease Name Rayn Well # 4

Sec. 33 Twp. 8 Rge. 22 [x] East [ ] West County Leavenworth

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 [x] No
Samples Sent to Geological Survey [ ] Yes [x] No
Cores Taken [ ] Yes [x] No

Formation Description [x] Log [ ] Sample

Name	Top	Bottom
Kansas City	410	460
Upper McLouth	1170	1176
Lower McLouth	1212	1214
Burgess	1222	1242
Mississippi	1250	

	Oil	Gas	Water	Gas-Oil Ratio	Gravity
Estimated Production Per 24 Hours	Bbls	2,900,000 Open Flow Production 180,000 CFD MCF	Bbls	CFPB	

METHOD OF COMPLETION

Production Interval

Disposition of gas: [ ] Vented [x] Sold [ ] Open Hole [x] Perforation [ ] Other (Specify)

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
Production	6 1/4	4 1/2	9 1/2	1266	common	190	
Casing Record	10 1/4	7"	15 1/2	40'	common	20	2% Calcium

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
3	1224 - 1230	None	

TUBING RECORD Size None Set At Packer at Liner Run [ ] Yes [x] No

Date of First Production 8/10/86

Producing Method [ ] Flowing [x] Pumping [ ] Gas Lift [ ] Other (explain)