

ORIGINAL

12/21/88
RELEASED
12-21-90

MAR 1 7 1992

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 # 5364
name Beren Corporation
address 970 Fourth Financial Center
City/State/Zip Wichita, KS, 67202

Operator Contact Person David Munro
Phone 316-265-3311

Contractor: license # 5147
name BEREDCO INC.

Wellsite Geologist P. Sam Houston
Phone

PURCHASER Koch

Designate Type of Completion
 New Well Re-Entry

Oil SWD Temp Abd
 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: Mud Rotary Air Rotary Cable
9/06/88 9/14/88 10-31-88
Spud Date Date Reached TD Completion Date

3408' 3381'
Total Depth PBTB

Amount of Surface Pipe Set and Cemented at 630 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 cml

API NO. 15-141-20,239-00-00

County Osborne FROM CONFIDENTIAL

N/2 SW SE NE Sec 22 Twp 10 Rge 15W West

3135 Ft North from Southeast Corner of Section
990 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

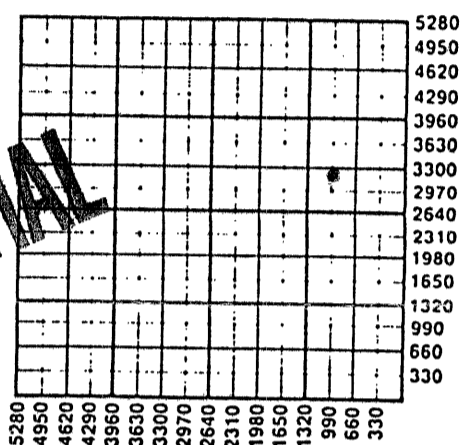
Lease Name KOELLING Well# 4

Field Name Ruggels

Producing Formation Arbuckle

Stratification: Ground 1821 KB 1826

Section Plat



Act I
1-23-91

WATER SUPPLY INFORMATION

Source of Water:
Division of Water Resources Permit #
 Groundwater Ft North From Southeast Corner and (Well) Ft. West From Southeast Corner of Sec Twp Rge East West
 Surface Water Ft North From Southeast Corner and (Stream, Pond etc.) Ft West From Southeast Corner Sec Twp Rge East West
 Other (explain) (purchased from city, R.W.D.#)

Disposition of Produced Water: Disposal Repressuring
Docket # 44631-C

Samson Oil Co.'s Ruggels "B" SWD

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.

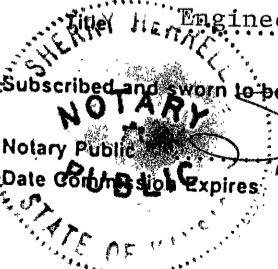
Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months.

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.

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 David Munro
Title Engineer
Date 11-30-88

Subscribed and sworn to before me this 30 day of November 19 88
Notary Public
Date Commission Expires 3-20-90



JAN 12 1989

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

Form ACO-1 (7-84)

KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH

Operator Name Beren Corporation Lease Name KOELLING Well# 4 SEC 22 TWP 10 RGE 15W East West

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 - 2715-2755. Rec. 10' mud w/oil show. FP's 21-21, 32-32. IBHP 313, FBHP 75.

Name	Top	Bottom
Lime/shale	0	2890
Lime	2890	3093
Kansas City	3093	3320
Lime	3320	TD

DST #2 - 2933-3010. Rec. 10' mud w/oil show. FP's 21-21, 21-21. IBHP 54, FBHP 54.

DST #3 - 3007-3028. Rec. 30' mud w/scum oil. FP's 21-32, 32-43. IBHP 247, FBHP 194.

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DST #4 - 3031-3075. Rec. 360' gas, 5' oil, 20' sl. O&WCM, 90' MCW. FP's 32-54, 64-75. IBHP 259, FBHP 248.

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DST #5 - 3078-3093. Rec. 310' MCW w/oil spots. FP's 21-75, 118-151. IBHP 345, FBHP 345.

FROM CONFIDENTIAL

DST #6 - 3192-3263. Rec. 50' MCW. FP's 21-32, 43-43. IBHP 787, FBHP 722.

DST #7 - 3344-3368. Rec. 110' gas, 20' oil, 140' O&WCM, 90' OCW, 540' SW. FP's 75-302, 356-378. IBHP 384, FBHP 400.

CONFIDENTIAL

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	size casing	weight	setting	type of cement	# sacks	type and percent
Surface	12 1/4"	8-5/8"	23	630'	60/40 Poz	410	2% gel, 3% cc...
Production	7-7/8"	5-1/2"	17	3407'	60/40 Poz	170	2% gel, 10%...
..... salt, 4# p.s. gilsonite, 1/4# p.s. fl				oseal, 1/2	of 1% CFR3		

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	3350-54'	500 gal 7.1/2% mud acid	3350-54'
2	3020-26'	750 gal 15% NEHCL	3350-54'
2	3037-40'	2500 gal 20% NEHCL	3020-40'

Date of First Production	Producing method
11-1-88	<input type="checkbox"/> flowing <input checked="" 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
6 Bbls	0 MCF 25 Bbls 0 CFPB 33

Disposition of gas: vented sold used on lease

METHOD OF COMPLETION
 open hole perforation other (specify)
 Dually Completed. Commingled

PRODUCTION INTERVAL
 3354-3020'

11/10/92