

FORM MUST BE TYPED

SIDE ONE

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

COPY

Of or: License 8061
Name: OIL PRODUCERS, INC. OF KANSAS
Address P.O. BOX 8647
City/State/Zip WICHITA, KANSAS 67208

Purchaser: WESTERN GAS RESOURCES
Operator Contact Person: DIANA RICHECKY

Phone (316) 681-0231
Contractor: Name: Duke Drilling Co., Inc.

License: 5929
Wellsite Geologist: NONE ON SITE

Date 7-1-97 Type of Completion
 New Well Re-Entry Workover

Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover:
Operator: Abercrombie Drilling Co.
Well Name: Vogel #1
Comp. Date 6/24/84 Old Total Depth 4440
Deepening Re-perf. Conv. to Inj/SWD
Plug Back PBTB
Commingled Docket No.
Dual Completion Docket No.
Other (SWD or Inj?) Docket No.

7-1-97 /97 07/08/97 07/30/97
Date of REENTRY Date Reached TD Completion Date

API NO. 15- 077-21005 0002
County HARPER
- C - NW - SW Sec. 1 Twp. 33 Rge. 6 E/W
1880 Feet from SN (circle one) Line of Section
4620 Feet from EW (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
NE, (SE) NW or SW (circle one)

Lease Name VOGEL OWVO Well # 1
Field Name WETHINGTON
Producing Formation MISSISSIPPI DOLOMITE

Elevation: Ground 1338 KB 1345
Total Depth 4550' PBTB 4392'

Amount of Surface Pipe Set and Cemented at 360
Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan REENTRY *JH 3-23-98*
(Data must be collected from the Reserve Pit)

Chloride content 1445 ppm Fluid volume 165 bbls
Dewatering method used: PIT ALLOWED TO DRY, restore

Location of fluid disposal if hauled offsite:
Operator Name _____

Lease Name _____ License No. _____
Quarter Sec. Twp. S Rng. E/W

County _____ Docket No. _____

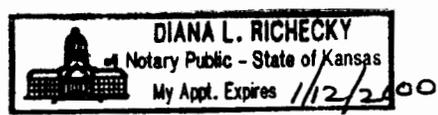
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on 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 geologist well report 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.

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 *John S. Weir* John S. Weir
Title President Date 2/07/98
Subscribed and sworn to before me this 7th of February, 19 98.
Notary Public *Diana L. Richecky*
Commission Expires Jan 12 2000

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
 KCC SWD/Rep NSPA
 KGS Plug Other (Specify) IS

Form ACO-1 (7-91)



RECEIVED
KANSAS CORPORATION COMMISSION

CONSERVATION DIVISION
WICHITA, KS

SIDE TWO

Operator Name Oil Producers, Inc. of Kansas Lease Name Vogel #1 Well # 1

Sec. 1 Twp. 33S Rge. 6 East West County HARPER

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, static 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
 (Attach Additional Sheets.)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy)
 List All E.Logs Run: COMPENSATED NEUTRON DENSITY LOG
 CORRELATION CEMENT BOND LOG

Log **Formation (Top), Depth and Datum** Sample
 Name Top Datum

COPY

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
FACE		8 5/8"		360			
PRODUCTION	7 7/8	4 1/2"	10.5 #	4549	EA-2	100	18% SALT
					50/50 POZ	25	

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
Perforate				
Protect Casing				
Plug Back TD				
Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	Depth
4	4378'-4384' + 4395'-4400' CIBP@ 4392'		SEE ATTACHED INITIAL COMPLETION REPORT	same
4	4414'-4420'		2600 GALLONS 15% SGA ACID + 2500	4378'-4384' 500 GALLONS 15% DSFE ACID
4	4433'-4434' } NON COMMERCIAL		GALLONS GELLED H ₂ O	
4	4440'-4443' } CIBP@ 4430'		500 GALLONS 15% DSFE ACID	4414'-4420'

TUBING RECORD Size 2 3/8" Set At 4339.90' Packer At _____ Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. 11/20/97 Producing Method Flowing Pumping Gas Lift Other (Explain) _____

Estimated Production Oil _____ Bbls. Gas 125mcfpd Mcf Water _____ Bbls. Gas-Oil Ratio _____ Gravity _____

Disposition of Gas: **METHOD OF COMPLETION** Vented Sold Used on Lease (If vented, submit ACO-18.) Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval SEE ATTACHED 4378'-4384' SHEET _____

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 KANSAS CORPORATION COMMISSION

FEB 09 1998

CONSERVATION DIVISION
 WICHITA, KS