

NEW ACO-1 FORM

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 # 9755 name Advanced Recovery Services address P.O. Box 5351 City/State/Zip Englewood, CO 80155

Operator Contact Person Fred Haddenhorst Phone 303-790-0252

Contractor: license # 5137 name J. W. Drilling Co., Inc.

Wellsite Geologist Jeffrey A. Burk Phone 316-262-4132

PURCHASER

Designate Type of Completion X New Well Re-Entry Workover

Oil SWD Temp Abd STATE CORPORATION COMMISSION Gas Inj Delayed Comp. XX 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: XX Mud Rotary Air Rotary Cable

9-23-84 9-30-84 10-1-84 Spud Date Date Reached TD Completion Date

4472 Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 8-5/8" @ 301 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. 15 083-21,162-00-00

County Hodgeman

SW SE NE Sec 7 Twp 21S Rge 24W West

2970 Ft North from Southeast Corner of Section 990 Ft West from Southeast Corner of Section (Note: locate well in section plat below)

Lease Name DAVIDSON Well# 1

Field Name Valley Pool Ext.

Producing Formation

Elevation: Ground 2278 KB 2283

Section Plat

10-9-84 RECEIVED OCT 9 1984

Section Plat grid with depth markers from 5280 to 330.

CONSERVATION DIVISION Wichita, Kansas

WATER SUPPLY INFORMATION

Source of Water: Division of Water Resources Permit #

Groundwater Ft North From Southeast Corner and Ft West From Southeast Corner of Sec Twp Rge East West

Surface Water Ft North From Southeast Corner and Ft West From Southeast Corner Sec Twp Rge East West

XX Other (explain) Purchased from Cheyenne Water Well (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.

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 Jon T. Williams, Jr., President, J.W. DRILLING CO., INC. Title Date 10-1-84

Subscribed and sworn to before me this 1st day of October 19 84

Notary Public Geraldine Stewart Date Commission Expires 1-14-85

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



Sec 7 Twp 21S Rge 24W

Operator Name Advanced Recovery Serv Lease Name Davidson Well# 1 SEC. 7 TWP. 21S RGE. 24W 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

DRILLERS LOG

Postrock & surface..... 0 - 305
 Shales..... 305 - 1000
 Sand & Cedar hills..... 1000 - 1215
 Shales..... 1215 - 1465
 Red Bed..... 1465 - 1516
 Anhydrites..... 1516 - 1530
 Red Bed & shales..... 1530 - 1905
 Shale & Lime..... 1905 - 2225
 Shales..... 2225 - 2545
 Lime & Shale..... 2545 - 3825
 Lime..... 3825 - 3985
 Lime & Shales..... 3985 - 4230
 Lime..... 4230 - 4402
 Chert..... 4402 - 4472

Name	Top	Bottom
Heebner.....	3700	-1417
Toronto.....	3727	-1444
Lansing.....	3752	-1469
Stark Shale.....	4017	-1734
Hushpuckney Shale.....	4051	-1768
B/Lansing.....	4102	-1829
Fort Scott.....	4216	-1933
Cherokee Shale.....	4268	-1985
Conglomerate.....	4348	-2065
Miss. Os.....	4396	-2113
LTD.....	4471	-2188
RTD.....	4472	-2189

DST#1 4383-98; weak blow died 10' into second open; rec. 30' oil & 50' OCM, IBHP 270, IFP 38-19, FBHP 48, FFP 38-38;
 DST#2 4394-4403, weak blow died 6 min., rec. 20' mud w/oil specks in tool, IBHP 9, IFP 9, FFP 9, FBHP 9;

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 drilled	size casing set (in O.D.)	weight lbs/ft.	setting depth	type of cement	# sacks used	type and percent additives
Surface	12-1/4"	8-5/8"	24#	301'	60/40poz	250	2%gel, 3%cc
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
shots per foot	specify footage of each interval perforated			(amount and kind of material used)			Depth:
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
size	set at	packer at					
Date of First Production	Producing method <input type="checkbox"/> flowing <input 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		
	Bbls	MCF	Bbls	CFPB			

Disposition of gas: vented sold open hole perforation other (specify) Dually Completed: Commingled

