

ORIGINAL

SIDE ONE

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

API NO. 15- 007-22,307 - 0000

County Barber

NE SW NE Sec. 3 Twp. 30 Rge. 13 XXXX East West

Operator: License # 3688

3630 Ft. North from Southeast Corner of Section

Name: 4-D Petroleum Consultants, Inc

1650 Ft. West from Southeast Corner of Section

Address 515 Watson

(NOTE: Locate well in section plat below.)

City/State/Zip Pratt, Ks. 67124

Lease Name Frame Well # A-#2

Field Name Sawyer

Producing Formation _____

Elevation: Ground 1852 KB 1857

Total Depth 4740 PBDT _____

Purchaser: _____

Operator Contact Person: Richard Armer

Phone (316) 672-3157

Contractor: Name: Woodman-Iannitti Drlg.

License: 5122

Wellsite Geologist: Gordon W. Keen

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD Temp. Abd.

Gas Inj Delayed Comp.

Dry Other (Core, Water Supply, etc.)

If OMD: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:

Mud Rotary Air Rotary Cable

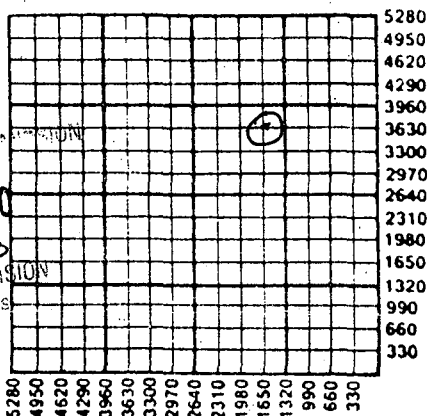
4/16/90 4/27/90

Spud Date Date Reached TD Completion Date

RECEIVED

JUN 20 1990
6-26-90

CONSERVATION DIVISION
Wichita, Kansas



Amount of Surface Pipe Set and Cemented at 284 Feet

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.

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. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 Richard Armer

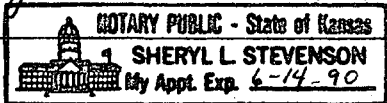
Title _____ Date 4-30-90

Subscribed and sworn to before me this 30th day of April

1990.

Notary Public Sheryl L. Stevenson

Date Commission Expires _____



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)

XPI

JAN 1950

SIDE TWO

Operator Name 4-D Petroleum Consultants, Inc. Lease Name Frame Well # A-#2
 Sec. 3 Twp. 30 Rge. 13 East County Barber
 West

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
 (Attach Additional Sheets.)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
 (Submit Copy.)

Formation Description

Log Sample

Name	Top	Bottom
Heebner	3686	3692
Lansing/ KC	3882	4271
Marmaton	4278	4326
Mississippi	4326	4362
Viola	4437	4553
Simpson Sand	4568	4580
Arbuckle	4644	4744 LTD

See attachment

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
Surface	12 1/4"	10 3/4"	32 #/ft	284	60/40 Pz	200	10% SALT
Surface	9 5/8"	8 5/8"	23 #/ft	1533	60/40 Pz	200	3% Cel-3% CC
Production	7 1/8"	4 1/2"	10.5 #/ft				

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
<i>Delayed Completion</i>			

TUBING RECORD Size Set At Packer At Liner Run Yes No

Date of First Production _____ Producing Method Flowing Pumping Gas Lift Other (Explain) _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas: Vented Sold Used on Lease (if vented, submit ACO-18.)

METHOD OF COMPLETION

Open Hole Perforation Dually Completed Commingled

Other (Specify) _____

Production Interval _____

Part of ACO-1

4-D Petroleum Consultants
 Frame A-#2
 3-30-13W
 Barber Co. Ks.

Drill Stem Tests

DST#1 4151-75' L/KC IF 86-86/30", ISIP 1281#/60", FF86-86/60",
 FSIP 1016#/60", IH 2080, FH 2059#.
 GTS 10" Stab. @ 31.9 Mcfgpd. Rec. 130" O & GCM.

DST#2 4230-46' L/KC IF 107-107/30", ISIP 1472#/60", FF 182-215/60",
 FSIP 1334#/60", IH 2134-FH 2080#.
 GTS 5" Stab. @ 33.9 Mcfgpd. Rec. 1,011' FGO, 120' GCM.

DST#3 4266-4290' Marm. IF 86-86/30", ISIP 86#/30", FF 86-86/30", FSIP 86#/60".
 IH 2134#, FH 2080#. Rec 10' OCM 20% oil. 120 degrees F

DST#4 4221-4290' Viola IF 64-64, ISIP 161#, FF 86-86/60", FSIP 86#/60".
 Rec. 1302' GIP.

RECEIVED
 STATE CORPORATION COMMISSION

JUN 26 1990
 6-26-90
 CONSERVATION DIVISION
 Wichita, Kansas