

ORIGINAL

SIDE ONE

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

Operator: License # 3688  
Name: 4-D Petroleum Consultants  
Address 515 Watson  
City/State/Zip Pratt, Ks. 67124

Purchaser: \_\_\_\_\_  
Operator Contact Person: Richard Armer  
Phone ( 316 ) 672-3157

Contractor: Name: Woodman-Ianitti  
License: 5122  
Wellsite Geologist: Gordon W. Keen

Designate Type of Completion  
 New Well  Re-Entry  Workover  
 Oil  SWD  Temp. Abd.  Wichita, Kansas  
 Gas  Inj  Delayed Comp.  
 Dry  Other (Core, Water Supply, etc.)

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

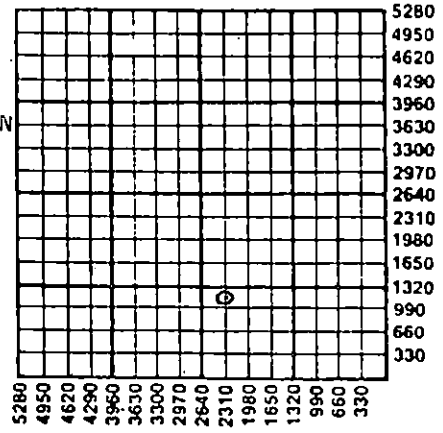
Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
1/2/90 1/17/90  
Spud Date Date Reached TD Completion Date

API NO. 15- 151-21,975 - 00-00  
County Pratt

W/2 W/2 SE/4 Sec. 27 Twp. 29 Rge. 13  East West  
1,200 Ft. North from Southeast Corner of Section  
2,310 Ft. West from Southeast Corner of Section  
(NOTE: Locate well in section plat below.)

Lease Name Mason Well # 2A  
Field Name Sawyer  
Producing Formation \_\_\_\_\_  
Elevation: Ground 1867 KB 1872  
Total Depth 4750 PBTD \_\_\_\_\_

6-26-90  
RECEIVED  
STATE CORPORATION COMMISSION  
JUN 20 1990

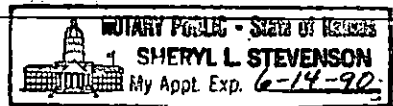


Amount of Surface Pipe Set and Cemented at 945 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from \_\_\_\_\_  
feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

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 2-1-90  
Subscribed and sworn to before me this 1st day of February, 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)

X-PI

JAN 1962

SIDE TWO

Operator Name 4-D Petroleum Consultants Lease Name Mason Well # 2A  
 Sec. 27 Twp. 29 Rge. 13  East  West  
 County Pratt

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.) *Geo Report attached*  
 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
Lansing	3890	4282
Marmaton	4290	4351
Miss.	4351	4386
Viola	4444	4558
Simpson	4558	4651
Arbuckle	4650	4750 TD

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
CONDUCTOR	14 1/4"	10 3/4"	30. #/Ft	205'	60/40 Pz	200	3% CC - 2% GEL
SURFACE	9 5/8"	8 5/8"	23. #/Ft	945'	60/40 Pz	200	3% CC - 2% GEL
PROD.	7 7/8"	4 1/2"	10.5 #/Ft	4750'	60/40 Pz	200	10% Silt - 3% GEL - 1% CFR-2

Shots Per Foot	PERFORATION RECORD Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (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 \_\_\_\_\_

# K C C

NOV 06 1990

ATTACHMENT to ACO-1

4-D Petroleum Consultants

Mason # 2-A

W/2-W/2-SE/4

Sec. 27-29S-13W

Pratt County, Kansas

15-151-21, 975 -DC-

## DRILL STEM TESTS

- DST #1 3690-3720 IF 53-53/30", ISIP 53/30", FF 53/30", FSIP 53/60",  
IH 1813, FH 1813, Recover 2' drilling mud.
- DST #2 3926-3940 IF 53-53/30", ISIP 1228/60", FF 86-86/30", FSIP 1175/60",  
IH 1920, FH 1920, Recovery 992' GIP, 60' Ho&GCM,  
60' VHO&GCM.
- DST #3 4168-4182 IF 86-86/30", ISIP 1281/60", FF 161-161/30", FSIP 1207/60",  
IH 2080, FH 2080, 120 deg. F. Recovery GTS 2nd flow,  
1,180 CFGPD, 140' HO&GCM, 180' Oil cut gassy water.
- DST #4 4248-4263 IF 43-43/30", ISIP 86/60", FF 64-64/30", FSIP 107/90",  
IH 2143, FH 2143, GTS 2nd flow, TSTM, 15' Oil spkd mud.  
118 degrees F.
- DST #5 4279-4302 IF 75-75/30", ISIP 75/30", FF 75-75/15", FSIP 75/60",  
IH 2134- FH 2112, Recovery 10' oil spotted mud.
- DST #6 4346-4373 IF 92-92/30", ISIP 92/30", FF 92-92/30", FSIP 92/60",  
IH 2187, FH 2134, Recovery 620' gas in pipe, 25' mud.

*Aordon W. Keen*  
Wellsite Geologist

RECEIVED  
STATE COMMISSION

NOV 6 1990