

Spud

COPY

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. 15-059-23,597

County Franklin

NENE SW SE Sec. 34 Twp. 15 Rge. 21 East West

1155 1116 FSL Ft. North from Southeast Corner of Section

1155 1506 FEL Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

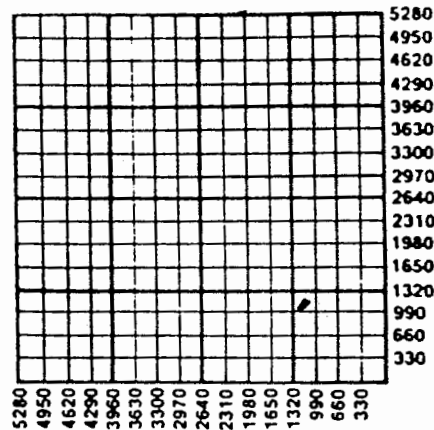
Lease Name Johnson Well # 23

Field Name Paola-Rantoul

Producing Formation Squirrel

Elevation: Ground _____ KB _____

Total Depth 733' PBDT _____



2-1-91

Amount of Surface Pipe Set and Cemented at 23 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 718

feet depth to 0 w/ 77 sx cmt.

Operator: License # 6256

Name: Donald L. Johnson

Address R.R. #1, Box 282

City/State/Zip Osawatomie, KS 66064

Purchaser: Enron

Operator Contact Person: Donald L. Johnson

Phone (913) 755-2790

Contractor: Name: Finch's Drilling

License: 5666

Wellsite Geologist: _____

Designate Type of Completion

Temp. New Well Re-Entry Workover

Abandoned _____

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 _____

Drilling Method: Mud Rotary Air Rotary Cable

7-12-84 7-15-84 7-19-84

Spud Date Date Reached TD Completion Date

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.

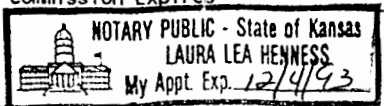
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Donald L. Johnson
Title Operator Date 1/3/91

Subscribed and sworn to before me this 3rd day of January, 19 91.

Notary Public Laura Lea Henness

Date Commission Expires 12/4/93



K.C.C. OFFICE USE ONLY

F Letter of Confidentiality Attached
 C Wireline Log Received
 C Drillers Timelog Received

Distribution

KCC SWD/Rep NGPA
 KGS Plug Other (Specify) IS

COPY

SIDE TWO

Operator Name Donald L. Johnson

Lease Name Johnson

Well # 23

Sec. 34 Twp. 15 Rge. 21
 East
 West

County Franklin

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.)

Started Core at 692 This is all
Shale 694 the
Sand 699 information
shale 704 that is
shale 733 available.

Name	Formation Description	
	Top	Bottom
Top Soil	4	4
Clay	17	21
Lime	22	43
Shale	7	50
Lime	10	60
Shale	6	66
Lime	17	83
Shale	31	112
Lime	20	134
Shale	84	218

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	5 7/8	4 1/2	10.50	718	Portland		
dry pipe	9 1/4	6	13.00	23	Portland		

Shots Per Foot	PERFORATION RECORD Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
7 shots	694-700	Fracked well 50 sacks	
		100 bbl water	

TUBING RECORD
Size Set At Packer At
Liner Run Yes No

Date of First Production 10/06/90 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours
Oil 1/2 Bbls. Gas Mcf Water 1/4 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 _____

C O Y

1 DE TWO (Page Two)

ACO-1 WELL HISTORY

(E)

OPERATOR Donald L. Johnson LEASE NAME Johnson #23

SEC. 34 TWP. 15 RGE. 21

FILL IN WELL LOG AS REQUIRED:

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Lime	21	239		
Shale	29	268		
Lime	5	273		
Shale	41	314		
Lime	2	316		
Shale	15	331		
Lime	27	358		
Shale	4	362		
Lime	24	386		
Shale	4	390		
Lime	13	403		
Shale	8	411		
Shale	152	563		
Lime	9	572		
Shale	3	575		
Sand	5	580		
Shale	32	612		
Lime	7	619		
Shale	14	633		
Lime	3	636		
Shale	7	643		
Lime	13	656		
Shale	11	667		
Lime	2	669		
Shale	6	675		
Lime	4	679		
Shale	3	681		
Lime	1	682		
Shale	3	685		
Slate	3	688		
Shale	4	692		
Sand	2	694		
Sand	5	699		
Shale	5	704		
Shale	29	733TD		