

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- 207-25,901-0000

County Woodson

SF 4 Sec. 32 Twp. 24 Rge. 16 East West

165 Ft. North from Southeast Corner of Section

4125 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

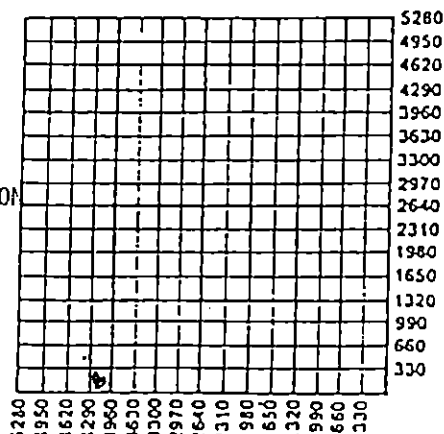
Lease Name: Loren Davidson Well # 21

Field Name Durand

Producing Formation Squirrel

Elevation: Ground na KB

Total Depth 998 PBTD



Amount of Surface Pipe Set and Cemented at 40 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 994

feet depth to 0 w/ 110 sx cmt.

RECEIVED
STATE CORPORATION COMMISSION
OCT 01 1991
OIL & GAS CONSERVATION DIVISION
KANSAS

Operator: License # 5602

Name: N&B Enterprises

Address Box 884

City/State/Zip Chanute, Kansas 66720

Purchaser: Crude Marketing

Operator Contact Person: J.R. Burris

Phone (316) 365-3181

Contractor: Name: J.R. Burris

License: 5677

Wellsite Geologist: none

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD Temp. Abd.

Gas Inj Delayed Comp.

Dry Other (Core, Water Supply, etc.)

If OWO: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:

Mud Rotary Air Rotary Cable

6/17/91 6/19/91 6/23/91

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 J.R. Burris

Title Partner Date 9/27/91

Subscribed and sworn to before me this 27 day of Sept. 19 91.

Notary Public Lois J. Burris

Date Commission Expires 10-15-91

K.C.C. OFFICE USE ONLY

F Letter of Confidentiality Attached

C Wireline Log Received

C Drillers Timelog Received

Distribution

KCC SUD/Rep NGPA

KGS Plug Other (Specify)

Lois J. Burris
NOTARY PUBLIC
State of Kansas
MY COM. EXPIRES 10-15-91

SIDE TWO

Operator Name N&B Enterprises Lease Name Loren Davidson Well # 21
 Sec. 32 Twp. 24 Rge. 16 East West
 County Woodson

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 (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Formation Description <input type="checkbox"/> Log <input type="checkbox"/> Sample <table border="1"> <thead> <tr> <th>Name</th> <th>Top</th> <th>Bottom</th> </tr> </thead> <tbody> <tr> <td>soil & clay</td> <td>0</td> <td>25</td> </tr> <tr> <td>shale</td> <td>25</td> <td>90</td> </tr> <tr> <td>lime</td> <td>90</td> <td>610</td> </tr> <tr> <td>shale</td> <td>610</td> <td>745</td> </tr> <tr> <td>shale w/lime</td> <td>745</td> <td>962</td> </tr> <tr> <td>sand</td> <td>962</td> <td>985</td> </tr> <tr> <td>shale</td> <td>985</td> <td>998</td> </tr> </tbody> </table> TD 998	Name	Top	Bottom	soil & clay	0	25	shale	25	90	lime	90	610	shale	610	745	shale w/lime	745	962	sand	962	985	shale	985	998
Name	Top		Bottom																							
soil & clay	0		25																							
shale	25		90																							
lime	90	610																								
shale	610	745																								
shale w/lime	745	962																								
sand	962	985																								
shale	985	998																								
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																									
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																									
Electric Log Run (Submit Copy.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																									

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	11"	7"	24#	40'	Portland	20	2% cal
production	5 1/8"	2 7/8"	6.4#	994'	Portland	110	2% gel

Shots Per Foot	PERFORATION RECORD Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
1	964-984	fraced 10,000# sand 160 bbl. brine water	

TUBING RECORD Size Set At Packer At Liner Run Yes No

Date of First Production 8/1/91 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	100%	1	none	noen	24°

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

STATION Chanute OPERATOR Randy Ellis

15-207-25901-0000

Ticket 84050

CONSOLIDATED OIL WELL SERVICES, INC.

P.O. Box 884
Chanute, Kansas 66720
Phone (316) 431-9210

ORIGINAL

Date	Customer's Acct. No.	Sec.	Twp.	Range	Well No. & Farm	Place or Destination
6-19-91	5675	32	24	16 E	Woodman # 21	Chanute
Charge To				Owner		County
<u>N & B Enterprises</u>						Woodman
Mailing Address				Contractor		State
						Ks
City & State				Well Owner Operator Contractor		

CEMENTING SERVICE DATA

TYPE OF JOB	CASING		HOLE DATA		PLUGS AND HEAD		PRESSURE		CEMENT LEFT IN CASING	
Surface	New		Bore Size	5/4	Bottom	Plug	Circulating	250	Requested	
Production	Used		Total Depth	998	Top		Minimum	100	Necessity	
Squeeze	Size	2 7/8	Cable Tool		Head	P.V.	Maximum	700	Measured	✓
Pumping	Weight		Rotary	Air	FLOAT EQUIPMENT		Sacks Cement	110 wt 50/50 Pkg		
Other	Depth	994			Flat shoe		Type & Brand	Portland A		
	Type						Admixes	2% Red		

FRACTURING - ACIDIZING SERVICE DATA 1 gal polymer

Type of Job	At Intervals of					
Bbls Fracturing Fluid	Breakdown Pressure from		psi to		psi	
Treating Pressures. Maximum	psi	Minimum	psi	Avg. Pump Rate	GPM/BPM	Close In
Sand	Gals. Treating Acid		Type		Open Hole Diameter	
Well Treating Through: Tubing	Casing	Annulus		Size	Weight	
Remarks						
No. Perforations	Pay Formation Name			Depth of Job		Ft.

CEMENTING **INVOICE SECTION** **FRACTURING - ACIDIZING**

Pumping Charge	1 Cement	Office Use	\$	Pumping Charge		Office Use	\$
Pumping Charge	50/50 Pkg		\$ 327.75	Pumping Charge	@		\$
110 Sacks Bulk Cement	@		511.50	12x30 Sand	@		
Ton Mileage on Bulk Cement	32	@	111.50	10x20 Sand	@		
2 Premium Gel	@		13.50	x Sand	@		
Flo-Seal	@			Ton Mileage	@		
Calcium Chloride	@			Gals., Acid	@		
1 Plug 2 7/8	@		1.50	Chemicals	@		
Equipment	@				@		
	@				@		
	@				@		
	@				@		
	@				@		
	@				@		
Granulated Salt	@			Potassium Chloride	@		
Transport Truck (Hrs.)	@			Rock Salt	@		
Vac Truck (2 Hrs.)	@		111.50	Water Gel	@		
	@				@		
	@				@		
		Tax	31.75			Tax	

RECEIVED
STATE CORPORATION COMMISSION
OCT 01 1991
CONSERVATION DIVISION
Wichita, Kansas

A Finance Charge computed at 1 3/4% per month (annual percentage rate of 21%) will be added to balance over 30 days.

Total \$ 1011.24