

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 # 6284

Name: Vonfeldt Oil Operations, Inc.

Address 524 St. John

Russell, KS 67665

City/State/Zip _____

Purchaser: Farmland Industries

Operator Contact Person: Roy Vonfeldt

Phone (913) 483-6446

Contractor: Name: Vonfeldt Drilling Company

License: 9431

Wellsite Geologist: Micheal Davignon

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

9-4-90 9-11-90 10-1-90
Spud Date Date Reached TD Completion Date

API NO. 15- 163-23,107-00-00

County Rooks

150' E C-SE-NW Sec. 28 Twp. 9 Rge. 20 East West

3300' Ft. North from Southeast Corner of Section

3150' Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

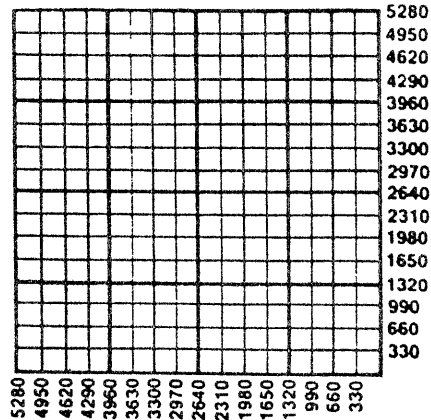
Lease Name Jackson Well # 2

Field Name _____

Producing Formation Arbuckle

Elevation: Ground _____ KB 2301'

Total Depth 3929' PBSD _____



Amount of Surface Pipe Set and Cemented at 264' Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 3928'

feet depth to surface w/ 550 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 Roy Vonfeldt
Title President Date 10/2/90

Subscribed and sworn to before me this 2nd day of Oct 19 90.

Notary Public Debbie Maier

Date Commission Expires August 5, 1994



K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
D Drillers Timelog Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)
OCT 4 1990
10-4-90
STATE CORPORATION COMMISSION
CONSERVATION DIVISION
Wichita, Kansas

SIDE TWO

Operator Name Vonfelt Oil Operations, Inc. Lease Name Jackson Well # 2
 Sec. 28 Twp. 9S Rge. 20 East County Rooks
 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.)

**Geologist Report Attached showing
 Drill Stem Tests Information**

Formation Description		
	<input checked="" type="checkbox"/> Log	<input type="checkbox"/> Sample
Name	Top	Bottom
Anhydrite	1795'	
Topeka	NA	
Heebner	3532'	
Lansing	3569'	
Base K ₁ C ₁	3789'	
Arbuckle	3857'	
T ₁ D ₁	3929'	

CASING RECORD <input checked="" type="checkbox"/> New <input checked="" 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		8 5/8"	19#	264'	Common	160	60/40 poz
Production		5 1/2"	14#	3928'	Common	550	60/40 poz
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used) Depth			
2	3904-05			No Acid			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Size		Set At	Packer At				
2 7/8"		3924'	None				
Date of First Production	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)						
10-3-90							
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity		
40	None	40	N/A	28			

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: 3904-05



15-163-23107-00-0

Michael A. Davignon

Petroleum Geologist
POST OFFICE BOX 150
BOGUE, KANSAS 67625

ORIGINAL

Phone 913/674-3324

GEOLOGICAL REPORT#2 JACKSON
150' E-SE-NW
Sec 28-9s-20w
Rooks County, Kansas

OPERATOR: VonFeldt Oil Operations
CONTRACTOR: VonFeldt Drilling Company Rig #1
SPUD: 9-4-90
SURFACE PIPE: 264' of 8 5/8"
DRILL STEM TEST: 4 by Trilobite Testing Company
MUD: Davis Mud, Chemical
COMPLETED: 9-11-90
PRODUCTION CASING: 3929' of 5 1/2"

FORMATION TOPS

(All measurements from K.B.)

	<u>Log</u>	<u>Datum</u>
ANHYDRITE	1795	4505
TOPEKA	NA	---
HEEBNER	3532	-1226
LANSING	3569	-1265
BASE KANSAS CITY	3789	-1485
ARBUCKLE	3857	-1553
T.D.	3929	-1628

OIL SHOWS AND ZONES OF INTEREST

LANSING 'C' Zone
3604 to 3607
Limestone, white, cream, fine-crystalline, very oolitic, some good intercrystalline porosity, good even stain, good visible porosity, fair show free oil, slight odor.

'F' Zone
3646 to 3649
Limestone, tan, fine-medium crystalline, oolitic, slightly fossiliferous, good interparticulate porosity, fair show free oil, slight odor.

DST #1 3628 to 3655

27' Anchor 30-30-30-30 Strong blow, off bottom in 10 minutes
Rec 248' Gas in pipe, 20' oil, 180' oil cut muddy water (5% oil) 310'
muddy water.
FP 12-109 133-204
SIP 489 477
Temp 116°

STATE OF KANSAS

OCT 4 1990

OCCASIONAL DIVISION
KANSAS

ORIGINAL

ARBUCKLE
3854 to 3860

Dolomite, lite grey, fine-crystalline, poor intercrystalline porosity, fair stain, slight show free oil, no odor.

3865 to 3871

Dolomite, lite grey, medium crystalline, some fine-crystalline, fair intercrystalline porosity, fair show free oil, slight odor.

DST #2 3848-3871

24' Anchor 30-30-30-30 Good blow building to bottom in 20 minutes. Surface blow on shut in.
Rec 476' Gas in pipe, 186' oil, 60' mud cut oil (50% oil).
FP 24-48 70-72
SIP 970 970
Temp 114°

3872 to 3884

Dolomite, lite grey, medium crystalline, good intercrystalline porosity, fair show free oil, good interparticulate porosity, some coarse crystalline dolomite, good odor.

3900 to 3908

Dolomite, lite grey, medium crystalline, good intercrystalline porosity, good rhombic crystals, some vuggular porosity, good saturation, good show free oil, good odor, 'sandy'.

DST #3 3900 to 3910

Misrun. Didn't take float out of collar.

DST #4 3900 to 3910

40' Anchor 30-30-30-30 Strong blow, off bottom in 5", 2" surface blow on shut in.
Rec 1040' gas in pipe, 440' oil, 180' oil cut muddy water (10% oil), 500' water.
FP 48-300 324-477
SIP 994 994
Temp 118°

SUMMARY

Structurally, the #2 Jackson was 19' higher at the Lansing and 22' higher at the Arbuckle than the #1 Jackson. Due to the structural position, the #2 Jackson has 3 productable zones in the Arbuckle. Also the two above mentioned Lansing zones should be tested before abandonment.

I Remain,

Michael A. Davignon

Michael A. Davignon, Geologist

OCT 4 1990

ORIGINAL

DRILLING WELL LOG

DATE COMMENCED: Sept. 4, 1990
DATE COMPLETED: Sept. 11, 1990

Roy Vonfeldt
JACKSON #2
150' 1-SL-7A
Sec. 28-08-20k
Rocks County, Kansas

ELEVATION: 2301 R.B.

0 -	625'	Sand & Shale
625 -	1640'	Sand & Clay
1640 -	1788'	Shale
1788 -	1834'	Anhydrite
1834 -	1920'	Shale
1920 -	2290'	Shale & Lime
2290 -	2955'	Lime & Shale
2955 -	3465'	Lime & Shale
3465 -	3688'	Lime & Shale
3688 -	3796'	Lime & Shale
3796 -	3930'	Arbuckle
	3930'	R.T.D.

FORMATION DATA

Anhydrite	1795'
Topoka	18
Rebber	3532'
Lansing	3569'
Base R.C.	3789'
Arbuckle	3827'
T.D.	3927'

Surface Pipe: Set new 1 1/2" casing at 264' with 25 sacks 60/40 poz., 10% salt and 1/4# floccul.

Production Pipe: Set Used 1 1/2" casing at 3930' with 25 sacks 60/40 poz., 10% salt and 425 sacks 60/40 poz., 10% salt and 1/4# floccul.

AFFIDAVIT

STATE OF KANSAS
COUNTY OF RUSSELL) ss

Roy Vonfeldt of lawful age, does swear and state that the facts and statements herein are true and correct to the best of his knowledge.

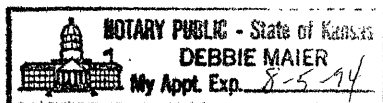
Roy Vonfeldt

Subscribed and sworn to before me this 17th day of September, 1990.

My Comm. expires:

August 5, 1994

Debbie Maier
Notary Public



RECEIVED
STATE COMMISSION

OCT 4 1990

CONSERVATION DIVISION
Wichita, Kansas

