

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

City/State/Zip Russell, KS 67665

Purchaser: Farmland Industries

Operator Contact Person: Roy Vonfeldt

Phone (913) 483-6446

Contractor: Name: Vonfeldt Drilling Company

License: 9431

Wellsite Geologist: Nike Davignon

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 OWO: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:

Mud Rotary Air Rotary Cable

7/17/90 7/22/90 8/9/90

Spud Date Date Reached TD Completion Date

API NO. 15- 163-23,096-00-00

County Rooks

100'S NW-SE-NW Sec. 28 Twp. 9S Rge. 20 East West

3530' Ft. North from Southeast Corner of Section

3630' Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

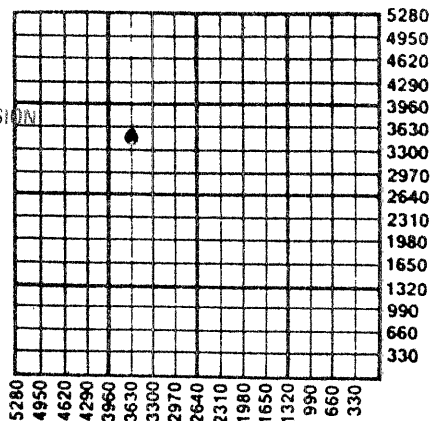
Lease Name Jackson Well # 1

Field Name Northampton

Producing Formation Arbuckle

Elevation: Ground 2299' KB _____

Total Depth 3930' PBTD _____



Amount of Surface Pipe Set and Cemented at 253' Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 3925'

feet depth to Surface w/ 500 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 8/10/90

Subscribed and sworn to before me this 10 day of Aug., 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
C Drillers Timelog Received
Distribution
KCC SWD/Rep NGPA
KGS Plug Other (Specify)

SIDE TWO

Operator Name Vonfeldt Oil Operations, Inc. Lease Name Jackson Well # 1

Sec. 28 Twp. 9S Rge. 20 East West County Rooks

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.

<p>Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Attach Additional Sheets.)</p> <p>Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Submit Copy.)</p> <p>DST #1 3795-3885' 15-30-30-30 Rec: 25' mud Flow 73-73 82-82</p> <p>DST #2 Shut In: 192 192 3896-3908' 30-30-30-30 Rec: 360' Clean Gassy Oil Flow: 562-1042 1052-1052 Shut In: 1052 1052</p>	<p align="center">Formation Description</p> <p><input type="checkbox"/> Log <input checked="" type="checkbox"/> Sample</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Name</th> <th>Top</th> <th>Bottom</th> </tr> </thead> <tbody> <tr><td>Anhydrite</td><td>1797'</td><td></td></tr> <tr><td>Topeka</td><td>3336'</td><td></td></tr> <tr><td>Heebner</td><td>3544'</td><td></td></tr> <tr><td>Toronto</td><td>3564'</td><td></td></tr> <tr><td>Lansing</td><td>3579'</td><td></td></tr> <tr><td>Base KC</td><td>3801'</td><td></td></tr> <tr><td>Arbuckle</td><td>3879'</td><td></td></tr> <tr><td>TD</td><td>3930'</td><td></td></tr> </tbody> </table>	Name	Top	Bottom	Anhydrite	1797'		Topeka	3336'		Heebner	3544'		Toronto	3564'		Lansing	3579'		Base KC	3801'		Arbuckle	3879'		TD	3930'	
Name	Top	Bottom																										
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TD	3930'																											

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		8 5/8"	19#	253'	Common	160	60/40 poz
Production		5 1/2"	14#	3929'	Common	500	60/40 poz

Shots Per Foot	PERFORATION RECORD Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2	3898 - 3899		

TUBING RECORD	Size <u>2 1/2"</u>	Set At <u>3915</u>	Packer At <u>NO</u>	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First Production 8-10-90 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls. <u>135</u>	Gas Mcf <u>—</u>	Water Bbls. <u>30</u>	Gas-Oil Ratio	Gravity <u>28</u>
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Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION

Open Hole Perforation Dually Completed Conmingled

Other (Specify) _____

Production Interval _____

DRILLERS WELL LOG

ORIGINAL

DATE COMMENCED: July 16, 1990
DATE COMPLETED: July 22, 1990

Roy Vonfeldt
JACKSON #1
100'S NW-NE-NW
Sec. 28-96-20W
Rooks County, Kansas

ELEVATION: 2299' E.L.

0 - 550' Clay & Sand
550 - 1600' Clay & Sand
1600 - 1797' Shale
1797 - 1833' Anhydrite
1833 - 1845' Lime & Shale
1865 - 2245' Lime & Shale
2275 - 2930' Lime & Shale
2930 - 3505' Shale
3505 - 3845' Lime & Shale
3805 - 3980' Arbuckle
3980 - 4040' R.T.D.

FORMATION DATA

Anhydrite 1797'
Topeka 3336'
Hebner 3544'
Toronto 3564'
Lansing 3579'
Base KC 3801'
Arbuckle 3879'
TD 3930'

AUG 13 1990

CONSERVATION DIVISION
Wichita, Kansas

Surface Pipe: Set New 1 1/2" x 5/8" casing @ 253' with 160 sacks 60/40 poz, 2% gel, 3% co.

Production Pipe: Set Used 1 1/2" x 5/8" casing @ 3229' with 375 sacks 60/40 poz, 10% gel, 3% Floccal per sack and 125 sacks 60/40 poz, 10% gel, 5% gilsonite.

AFFIDAVIT

STARBUCK 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.

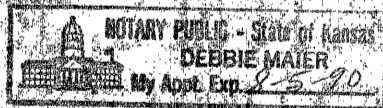
Roy Vonfeldt

Subscribed and sworn to before me this 10th day of August, 1990.

My Comm. Expires:

August 5, 1994

Debbie Maier
Notary Public



Phone 913-2627, Russell, Kansas
 Phone 316-793-5861, Great Bend, Kansas

Phone Plainville 913-434-2812
 Phone Ness City 913-798-3843

New

ALLIED CEMENTING CO., INC. No. 9988

Home Office P.O. Box 31 Russell, Kansas 67665

Date	7-16-90	Sec.	Twsp.	Range	Called Out	On Location	Job Start	Finish
Lease	JACKSON	Well No.	#1	Location	Palco US 45	County	ROCKS	State
Contractor	Von Feldt Oil Co. R-9			Owner	SAME			
Type Job	SURFACE							
Hole Size	12 1/2"	T.D.	258					
Csg.	8 7/8"	Depth	253					
Tbg. Size		Depth						
Drill Pipe		Depth						
Tool		Depth						
Cement Left in Csg.	15'	Shoe Joint						
Press Max.		Minimum						
Meas Line		Displace						
Perf.								

You are hereby requested to rent cementing equipment and furnish cement and help to assist owner or contractor to do work as listed.

Charge To: **VonFeldt Oil Operations**
 Street: **524 ST. John**
 City: **Russell** State: **Kan 67665**

The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No. **31 Darryl Brown**

AMOUNT ORDERED **160 SKS 60/40 P02 32.4 20.6**

EQUIPMENT

#191	No.	Cementer	M. Kaufman
Pumptrk		Helper	W. W. M.
#155	No.	Cementer	PAUL D.
Bulktrk		Driver	

Consisting of		
Common	96	5.00 480.00
Poz. Mix	64	2.25 144.00
Gel.	3	6.75 20.25
Chloride	5	20.00 100.00
Quickset		

DEPTH of Job		
Reference:	#	
	PUMP TRK	360.00
	1-8 7/8" P109	40.00
	100 Perm. Nite	14.00
	Sub Total	414.00
	Tax	
	Total	

Handling	90	144.00
Mileage	14 mi	0.3 6.72
Sub Total		935.20
Total		

Remarks: **Cement Circulated**

Floating Equipment Wichita, Kansas

Shankes

3-483-2627, Russell, Kansas
 Phone 316-793-5861, Great Bend, Kansas

Phone Plainville 913-434-2812
 Phone Ness City 913-798-3843

New

ALLIED CEMENTING CO., INC.

Home Office P. O. Box 91 Russell, Kansas 67665

No. 9840

Date	7-22-90	Sec.	28	Twp.	9 ^s	Range	20 ^w	Called Out	7:00 A.M.	On Location	9:30 A.M.	Job Start	2:00 P.M.	Finish	3:30 P.M.
Lease	Jackson	Well No.	1	Location	Palco (High School) 1/2 S			County	Rooks	State	Ks.				
Contractor	Vonfeldt Drilg. Co.			Key #	Rug #1										
Type Job	Production String														
Hole Size	7 7/8"			T.D.	3930'										
Csg.	5 1/2"			Depth	3929'										
Csg. Size	8 7/8"			Depth	253'										
Drill Pipe	Depth														
Tool	Depth														
Cement Left in Csg.	11'			Shoe Joint	10.83'										
Press Max.	1250 #			Minimum											
Meas Line	X			Displace											
Perf.															

Owner Same

To Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.

Charge To Vonfeldt Oil Operations, Inc.
 Street 524 St. John
 City Russell, State Ks 67665

The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No. _____

X Darryl Krier

CEMENT

EQUIPMENT

No.	Cementer	CONSERVATION
Pumptrk #191	Helper	<u>Gary H. Wayne Mc</u>
No.	Cementer	
Pumptrk	Helper	
Bulktrk #	Driver	
Bulktrk #212	Driver	<u>Glen C</u>

Amount Ordered	375 sks 60/40 per 10% gel 3/4 # floesal/s
Consisting of	125 sks 60/40 per 10% salt, 50 gilson
Common	300 sks @ 5.00/sk 1500.00
Poz. Mix	200 sks @ 2.25/sk 450.00
Gel.	26 sks @ 6.75/sk 175.50
Chromite Floesal	94 # @ 60¢/lb 56.40
Quartz Salt	11 sks @ 4.75/sk 52.25
Gilsonite	540 # @ 29¢/lb 156.60

Handling	290¢/sk (500 sks)	450.00
Mileage	2.03¢/sk/mi (16 mi.)	240.00
Sub Total		3080.75
Total		

DEPTH of Job	
Reference #1	Pumptruck - long string 838.00
#8	1-5 1/2" rubber plug 43.00
#14	mileage @ 1.00/mi 16.00
Sub Total	897.00
Tax	
Total	

Floating Equipment	5 1/2"
1-regular guide shoe	119.00
1-AFU insert (flapper type)	180.00
2-cementing baskets @ 121.00 ea	242.00
5-centralizers @ 44.00 ea	220.00
	#761.00

Remarks:
 Plugged rat hole w/15 sks.
 Plugged mouse hole w/10 sks.
 Cement Circulated.
 Float Held.

Thanks