

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- 065-22,614-00-00

County Graham

SE NE NW Sec. 33 Twp. 9 Rge. 25 East West

1650 Ft. North from Southeast Corner of Section

2970 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

Lease Name Pfeifer Well # 1

Field Name Bolliq

Producing Formation None

Elevation: Ground 2558 KB 2563

Total Depth 4094 PBD

Operator: License # 5184

Name: Shields Oil Producers, Inc.

Address Shields Bldg.

City/State/Zip Russell, KS 67665

Purchaser: None

Operator Contact Person: M. L. Ratts

Phone (913) 483-3141

Contractor: Name: Shields Drlg., Co., Inc.

License: 5655

Wellsite Geologist: Gerald Honas

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD Temp. Abd.

Gas Inj Delayed Comp.

Dry Other (Core, Water Supply, etc.)

If OWD: old well info as follows:

Operator: _____

Well Name: _____

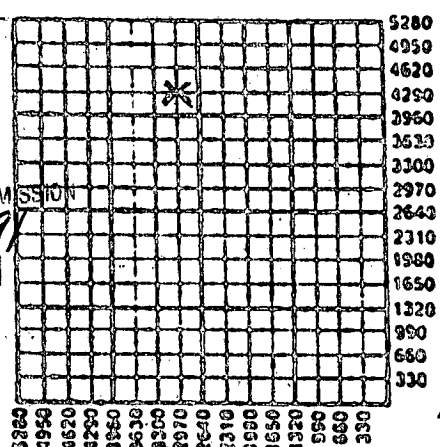
Comp. Date _____ Old Total Depth _____

Drilling Method: Mud Rotary Air Rotary Cable

5-30-91 6-6-91

Spud Date _____ Date Reached TD _____ Completion Date _____

RECEIVED
STATE CORPORATION COMMISSION
NOV 8 1991
11-08-1991



AI-II DKA

Amount of Surface Pipe Set and Cemented at 218 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/ _____ cement.

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 M. L. Ratts

Title Production Dept Date 6-14-91

Subscribed and sworn to before me this 14th day of June 19 91

Notary Public Ruth Phillips

Date Commission Expires _____



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 **3190**

Operator Name Shields Oil Producers, Inc. Lease Name Pfeifer Well # 1

Sec. 33 Twp. 9 Rgc. 25 East West
 County Graham

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.)

D.S.T. #1 3886-3963 Times: 30-30-30-45
 Rec 310' Muddy Wtr
 I.H.P. - 2022 F.S.I.P. - 255
 I.F.P. - 60-122 F.H.P. - 2011
 I.S.I.P. - 266
 F.F.P. - 166-188

Formation Description

Log Sample

Name	Top	Bottom
Anhydrite	2205	2243
Topeka	3597	3814
Heebner	3814	3817
Toronto	3835	3855
L-KC	3855	4086

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	12 1/4	8 5/8	20	218	Quickset	160	

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

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 Quality Completed Cemented Other (Specify) _____

Production Interval _____

ORIGINAL

SIDE ONE

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Phone (913) 483-3141

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License: 5655 STATE CORPORATION COMMISSION

Wellsite Geologist: Gerald Honas

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Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:
 Mud Rotary Air Rotary Cable

5-30-91 6-6-91

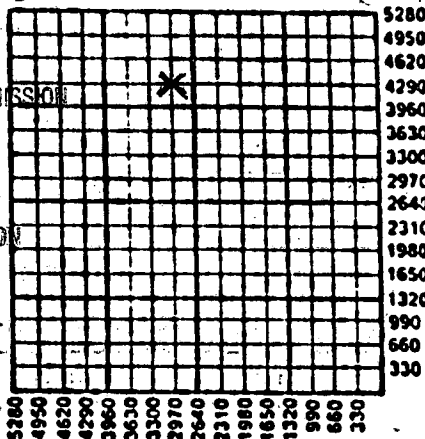
Spud Date _____ Date Reached TD _____ Completion Date _____

RECEIVED

JUN 20 1991

06-20-1991

CONSERVATION DIVISION
Wichita, Kansas



AIT I DYA

Amount of Surface Pipe Set and Cemented at 218 Feet

Multiple Stage Cementing Collar Used? Yes No

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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 M. L. Ratts

Title Production Dept Date 6-14-91

Subscribed and sworn to before me this 14th day of June 1991.

Notary Public Ruth Phillips

Date Commission Expires _____

RUTH PHILLIPS
State of Kansas
My Appt. Exp. 5-26-95

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)

ORIGINAL

SIDE TWO

Operator Name Shields Oil Producers, Inc.

Lease Name Pfeifer

Well # 1

Sec. 33 Twp. 9 Rge. 25

East
 West

County Graham

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.)

D.S.T. #1 3886-3963 Times: 30-30-30-45
Rec 310' Muddy Wtr
I.H.P. -2022 F.S.I.P. -255
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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	12 1/4	8 5/8	20	218	Quickset	160	

PERFORATION RECORD

Specify Footage of Each Interval Perforated

Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth

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

TUBING RECORD

Size Set At Packer At Liner Run Yes No

Date of First Production	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> 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

ORIGINAL ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

No. 2119

Date	Sec.	Twp.	Range	Called Out	On Location	Job Start	Finish																				
5-30-91	33	9	25	6:30 PM	8:30 PM	9:45 PM	10:15 PM																				
Lease <u>Pfeifer</u>	Well No. <u>#1</u>	Location <u>ST Peter 2 1/2 W. Graham Kansas</u>																									
Contractor <u>Shields Drlg Rig 2</u>	Owner <u>SAME. EN</u>																										
Type Job <u>Surface</u>	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.																										
Hole Size <u>12 1/4"</u>	T.D. <u>222'</u>	Charge To <u>Shields Oil Producers</u>																									
Csg. <u>8 5/8"</u>	Depth <u>218'</u>	Street <u>Shields Bldg</u>																									
Tbg. Size	Depth	City <u>Russell</u> State <u>Ken 67665</u>																									
Drill Pipe	Depth	The above was done to satisfaction and supervision of owner agent or contractor.																									
Tool	Depth	Purchase Order No. <u>Berton Beery</u>																									
Cement Left in Csg. <u>15'</u>	Shoe Joint	CEMENT																									
Press Max.	Minimum	Amount Ordered <u>160 SKS 60/40 poz 37cc 206el</u>																									
Meas Line <u>✓</u>	Displace	Consisting of																									
Perf.		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Common</td> <td><u>96</u></td> <td><u>5.25</u></td> <td><u>504.00</u></td> </tr> <tr> <td>Poz. Mix</td> <td><u>64</u></td> <td><u>2.25</u></td> <td><u>144.00</u></td> </tr> <tr> <td>Gel.</td> <td><u>3</u></td> <td><u>6.75</u></td> <td><u>N/C</u></td> </tr> <tr> <td>Chloride</td> <td><u>5</u></td> <td><u>21.00</u></td> <td><u>105.00</u></td> </tr> <tr> <td>Quickset</td> <td></td> <td></td> <td></td> </tr> </table>						Common	<u>96</u>	<u>5.25</u>	<u>504.00</u>	Poz. Mix	<u>64</u>	<u>2.25</u>	<u>144.00</u>	Gel.	<u>3</u>	<u>6.75</u>	<u>N/C</u>	Chloride	<u>5</u>	<u>21.00</u>	<u>105.00</u>	Quickset			
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EQUIPMENT

#191 No.	Cementer	<u>M Kaufman</u>
	Helper	<u>Waxman</u>
No.	Cementer	
	Helper	
#213	Driver	<u>Joe S</u>
	Driver	

DEPTH of Job

Reference: #	<u>PUMP TRK</u>	<u>380.00</u>
	<u>1-8 5/8" Rubber plug</u>	<u>73.00</u>
	<u>2.00 Per mile 64m</u>	<u>128.00</u>
	Sub Total	<u>581.00</u>
	Tax	
	Total	

Remarks:

Cement Circulated

Shankford

RECEIVED
STATE CORPORATION COMMISSION

JUN 20 1991

CONSERVATION DIVISION
Wichita, Kansas

New ORIGINAL
ALLIED CEMENTING CO., INC.
 Home Office P. O. Box 31
 Russell, Kansas 67665

No 1873

Date	6-6-91	Sec.	33	FWP.	9	Range	25	Called Out		On Location	6AM	Job Start		Finish	10:30AM
Lease	Pfeifer	Well No.	1	Location	St Peter 2N 1 1/2 W 2W			County	Graham	State	Kan				
Contractor	Shields Drlg											Owner			
Type Job	Plug											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.			
Hole Size	7 7/8	T.D.	4094												
Csg.	8 7/8	Depth	218												
Tbg. Size		Depth													
Drill Pipe		Depth													
Tool		Depth													
Cement Left in Csg.		Shoe Joint													
Press Max.		Minimum													
Meas Line		Displace													
Perf.															

EQUIPMENT

Pumptrk	No.	Cementer	M ^c Adoo
	153	Helper	Gerald
Pumptrk	No.	Cementer	
		Helper	
Bulktrk		Driver	Jasen
	155	Driver	

DEPTH of Job

Reference:	Pump Truck	380 ⁰⁰
	Plug	20 ⁰⁰
	2.00 Per mile	100 ⁰⁰
	Sub Total	
	Tax	
	Total	500 ⁰⁰

Remarks: Mixed 25 SKS at 2225'
 100 SKS at 1360'
 40 SKS at 270'
 10 SKS at 40'
 15 SKS in Rathole
 10 SKS in mouse Hole

Charge To Shields Oil Prod
 Street Shields Bldg
 City Russell State KANSAS

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

Purchase Order No.
 X *Burton Beery*
CEMENT

Amount Ordered 200 406 7/8 Gal 1/4 # Flo Seal

Consisting of		
Common	120 @ 5.25	630 ⁰⁰
Poz. Mix	100 @ 2.25	225 ⁰⁰
Gel.	8 @ 6.75	54 ⁰⁰
Chloride		
Quickset		
Flo Seal.	1 SKS @ 25 ⁰⁰	25 ⁰⁰
Sales Tax		
Handling	@ 1 ⁰⁰	200 ⁰⁰
Mileage	4¢/SK/MILE	400 ⁰⁰
Sub Total		
Total		1530 ⁰⁰

Floating Equipment

RECEIVED
 STATE CORPORATION COMMISSION
 JUN 20 1991
 CONSERVATION DIVISION
 Wichita, Kansas