

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
ACO-1 WELL HISTORY  
DESCRIPTION OF WELL AND LEASE

API NO. 15- 141-20,296 - ORIGINAL

County Osborne

NE - NE - NW Sec. 3 Twp. 10 Rge. 12 X E

330 Feet from S (circle one) Line of Section

2310 Feet from E (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
NE, SE, NW or SW (circle one)

Lease Name Nelson Well # 1

Field Name Unnamed

Producing Formation Kansas City

Elevation: Ground 1854 KB 1859

Total Depth 3263 PBDT

Amount of Surface Pipe Set and Cemented at 215 Feet

Multiple Stage Cementing Collar Used? X Yes      No

If yes, show depth set 948 Feet

If Alternate II completion, cement circulated from 948

feet depth to Surface w/ 175 sx cmt.

Drilling Fluid Management Plan ALT II 1-3-97 JK  
(Data must be collected from the Reserve Pit)

Chloride content 69,000 ppm Fluid volume 375 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite:

Operator Name

Lease Name License No.

Quarter Sec. Twp. S Rng. E/W

County Docket No.

Operator: License # 5184

Name: Shields Oil Producers, Inc.

Address Shields Bldg.

City/State/Zip Russell, KS 67665

Purchaser: Farmland

Operator Contact Person: M. L. Ratts

Phone (913) 483-3141

Contractor: Name: Company Tools

License: 5184

Wells to Geologist: Francis Whisler

Designate Type of Completion  
 New Well  Re-Entry  Workover

Oil  SWD  SLOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

Operator:

Well Name:

Comp. Date Old Total Depth

Deepening  Re-perf.  Conv. to Inj/SWD  
 Plug Back  PBDT  
 Commingled Docket No.  
 Dual Completion Docket No.  
 Other (SWD or Inj?) Docket No.

4-1-95 4-8-95 6-5-95  
Spud Date Date Reached TD Completion Date

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 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 geologist well report 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.

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. Ratts

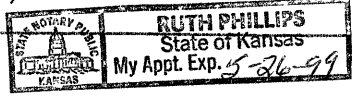
Title Superintendent

Date 7-22-95

Subscribed and sworn to before me this 22nd day of June 19 95.

Notary Public Ruth Phillips

Date Commission Expires



RECEIVED STATE CORPORATION COMMISSION  
6-26-95 JUN 28 1995  
OFFICE USE ONLY  
Letter of Confidentiality Attached  
Wireline Log Received  
Geologist Report Received  
Distribution  
KCC SWD/Rep NGPA  
KGS Plug Other  
(Specify)

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

Sec. 3 Twp. 10 Rge. 12  East  West County Osborne

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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Anhydrite	918	+ 941
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Topeka Lm	2790	- 931
		Heebner Sh	3026	-1167
		Lansing - KC	3082	-1223
List All E.Logs Run:	Radiation Guard			

CASING RECORD <input 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	12 1/4	8 5/8	20	215	Quickset	160	
Production	7 7/8	4 1/2	9 1/2	3260	Common	150	

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Protect Casing	948	60-40 Poz-Mix	175	10% Gel
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	
		Amount	Depth
2 Cuts	3085-3087	500 gal 15% acid	3087
		1500 gal 28% acid	3087

<b>TUBING RECORD</b>	Size 2"	Set At 3220	Packer At None	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or Inj. 6-21-95	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
-----------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Estimated Production Per 24 Hours	Oil Bbls. 25	Gas Hcf None	Water Bbls. None	Gas-Oil Ratio	Gravity
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Disposition of Gas:  Vented  Sold  Use on Lease (If vented, submit A)

METHOD OF COMPLETION:  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

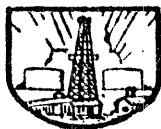
Production Interval: 3085-3087

# Shields

# ORIGINAL

**OIL PRODUCERS, INC.**

**R. L. SHIELDS, President**



*Russell, Kansas*

API #15-141-20296-00-00

**FORM ACO-1 DRILL STEM TESTS**

**SHIELDS OIL PRODUCERS, INC.** LEASE Nelson #1

**D.S.T. #1** 3060-3095 **Times:** 30-60-60-60

**I.H.P.** 1495 **I.F.P.** 67-84 **I.S.I.P.** 1050

**F.F.P.** 92-109 **F.S.I.P.** 1023 **F.H.P.** 1480

**Recovery:** 105' Clean Oil - 120' MO - 495' Gas above fluid

**D.S.T. #2** 3104-3120 **Times:** 30-45-30-45

**I.H.P.** 1536 **I.F.P.** 20-20 **I.S.I.P.** 1041

**F.F.P.** 25-25 **F.S.I.P.** 981 **F.H.P.** 1495

**Recovery:** 30' Mud w/show free oil on top

**D.S.T. #3** 3124-3140 **Times:** 15-45-45-45

**I.H.P.** 1493 **I.F.P.** 92-126 **I.S.I.P.** 998

**F.F.P.** 168-260 **F.S.I.P.** 782 **F.H.P.** 1480

**Recovery:** 60' Gas - 30' Clean GO - 420' V Sli OCW - 30' M Water

**D.S.T. #4** \_\_\_\_\_ **Times:** \_\_\_\_\_

**I.H.P.** \_\_\_\_\_ **I.F.P.** \_\_\_\_\_ **I.S.I.P.** \_\_\_\_\_

**F.F.P.** \_\_\_\_\_ **F.S.I.P.** \_\_\_\_\_ **F.H.P.** \_\_\_\_\_

**Recovery:**

**D.S.T. #5** \_\_\_\_\_ **Times:** \_\_\_\_\_

**I.H.P.** \_\_\_\_\_ **I.F.P.** \_\_\_\_\_ **I.S.I.P.** \_\_\_\_\_

**F.F.P.** \_\_\_\_\_ **F.S.I.P.** \_\_\_\_\_ **F.H.P.** \_\_\_\_\_

**Recovery:**

**D.S.T. #6** \_\_\_\_\_ **Times:** \_\_\_\_\_

**I.H.P.** \_\_\_\_\_ **I.F.P.** \_\_\_\_\_ **I.S.I.P.** \_\_\_\_\_

**F.F.P.** \_\_\_\_\_ **F.S.I.P.** \_\_\_\_\_ **F.H.P.** \_\_\_\_\_

**Recovery:**

RECEIVED  
STATE CORPORATION COMMISSION

JUN 26 1995

CONSERVATION DIVISION  
WICHITA, KANSAS

15-141-20296-00-00

Phone 913-483-2627, Russell, KS  
Phone 316-793-5861, Great Bend, KS

Phone 913-625-5516, Hays, KS  
Phone 913-672-3471, Oakley, KS

Phone 316-886-5926, Medicine Lodge, KS  
Phone 913-798-3843, Ness City, KS

# ALLIED CEMENTING CO., INC.

7409

Home Office P. O. Box 31

Russell, Kansas 67665

ORIGINAL

*New*

Date	4-8-95	Sec.	3	Twp.	10	Range	12	Called Out		On Location		Job Start	8:15 PM	Finish	3:35
Lease	Nelson	Well No.	1	Location	Luray 5N 2 1/2 E 2 N			County	Osborne	State	KS				
Contractor	Shields Drlg														
Type Job	Production String (2 Stage)														
Hole Size	7 7/8	T.D.	3263												
Csg.	4 1/2	Depth	3260												
Tbg. Size		Depth													
Drill Pipe		Depth													
Tool	Arrow DV	Depth	948												
Cement Left in Csg.		Shoe Joint	32												
Press Max.		Minimum													
Meas Line	✓														
Perf.															

Owner  
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  
Shields Oil Producers

Street  
Shields Drlg

City  
Russell State KS 67665

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

Purchase Order No.  
X Burton Beery

**CEMENT**

Amount Ordered  
150 com

Consisting of

Common	150	610	915.00
Poz. Mix			
Gel.			
Chloride			
Quickset			

Handling	105	157.50
Mileage 32 mi.	.04	192.00
Sub Total		1264.50
Total		

### EQUIPMENT

No.	Cementer	Dave Mank
Pumptrk 153	Helper	
No.	Cementer	Paul Jason
Pumptrk	Helper	
Bulktrk 160	Driver	
Bulktrk 155	Driver	

### DEPTH of Job

Reference:	Pump trk chg	1030.00
	2 1/2 per mile 320	75.20
Sub Total		1105.20
Tax		
Total		

Remarks: Cent on 1, 3, 5, 7, 66, 78, 89  
DV + Basket @ 67

Float Held

RECEIVED

STATE CORPORATION COMMISSION

JUN 26 1995

Floating Equipment 4 1/2

1 Arrow DV Tool	2200.00
1 Basket	113.00
1 Guide Shoe	109.00
1 Baker AFU Insert	169.00
6 Centralizers	318.00
<b>Total</b>	<b>32909.00</b>

CONSERVATION COMMISSION  
WICHITA, KANSAS

Phone 913-483-2627, Russell, KS  
 Phone 316-793-5861, Great Bend, KS

Phone 913-625-5516, Hays, KS  
 Phone 913-672-3471, Oakley, KS

Phone 316-886-5926, Medicine Lodge, KS  
 Phone 913-798-3843, Ness City, KS

# ALLIED CEMENTING CO., INC.

7410

Home Office P. O. Box 31

Russell, Kansas 67665

ORIGINAL

*New*

Date <i>4-8-95</i>	Sec. <i>3</i>	Twp. <i>10</i>	Range <i>12</i>	Called Out	On Location	Job Start <i>4:55 PM</i>	Finish <i>4:10 PM</i>
Lease <i>Nelson</i>	Well No. <i>1</i>	Location <i>Luray 5N 2E 2N</i>		County <i>Osborne</i>	State <i>Ks</i>		
Contractor <i>Shields Drlg.</i>				Owner			
Type Job <i>Production String (2 stage)</i>				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 <i>7 7/8</i>	T.D. <i>3265</i>	Csg. <i>4 1/2</i>		Depth <i>3260</i>	Charge To <i>Shields Oil Producers</i>		
Tbg. Size	Depth	Drill Pipe		Depth <i>948</i>	Street <i>Shields Bldg</i>		
Tool	Depth	Cement Left in Csg.		Shoe Joint	City <i>Russell</i> State <i>Ks 67665</i>		
Press Max.	Minimum	Meas Line <input checked="" type="checkbox"/>		Displace	The above was done to satisfaction and supervision of owner agent or contractor.		
Perf.	Purchase Order No. <i>Burton Beery</i>						

**EQUIPMENT**

No. <i>153</i>	Cementor	<i>Dave</i>
Pumptrk	Helper	
No. <i>160</i>	Cementor	<i>Mark</i>
Pumptrk	Helper	
<i>125</i>	Driver	
Bulktrk	Driver	

**DEPTH of Job**

Reference:	<i>Pump trk chg</i>	<i>550.00</i>
	Sub Total	<i>550.00</i>
	Tax	
	Total	

Remarks:

*plug 1 1/2" hole w/ 15 sk  
 mouse hole w/ 10 sk  
 Tool Closed*

Amount Ordered <i>200 @ 10% gel</i>		
Consisting of		
Common <i>120</i>	<i>610</i>	<i>732.00</i>
Poz. Mix <i>80</i>	<i>315</i>	<i>252.00</i>
Gel. <i>17</i>	<i>950</i>	<i>161.50</i>
Chloride		
Quickset		
Handling <i>105</i>		<i>210.00</i>
Mileage <i>32 mi</i>	<i>.04</i>	<i>256.00</i>
	Sub Total	<i>1611.50</i>
	Total	

RECEIVED  
 STATE CORPORATION COMMISSION  
 JUN 26 1995  
*Cementor Dave Furch  
 Driller Dana Swamy  
 Toolpusher Protection Man. Beery  
 Cement Cir*

15-141-20296-00-00

Phone 913-483-2627, Russell, Kansas  
 Phone 316-793-5861, Great Bend, Kansas

ORIGINAL

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

**ALLIED CEMENTING CO., INC.**

3909

Home Office P. O. Box 31

Russell, Kansas 67665

*New*

Date	4-1-95	Sec.	3	Twp.	10	Range	12	Called Out	7:30 P.M.	On Location	9:00 P.M.	Job Start	10:00 P.M.	Finish	10:30 P.M.			
Lease	Nelson		Well No.	#1	Location			Luray	5N 3E 2N		County	Osborne	State			Kansas		
Contractor	Shields Drilling Co.					Owner					Same							
Type Job	Surface					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	12 1/4		T.D.		218		Charge To									Shields Oil Pool		
Csg.	8 5/8		Depth		Street									Shields Bldg				
Tbg. Size			Depth		City									Russell State Kansas				
Drill Pipe			Depth		The above was done to satisfaction and supervision of owner agent or contractor.													
Tool			Depth		Purchase Order No.													
Cement Left in Csg.	15		Shoe Joint		X Burton Beery													
Press Max.			Minimum		CEMENT													
Meas Line			Displace		Amount Ordered										160 60/40 20% 20 20%			
Perf.																		
<b>EQUIPMENT</b>																		
Pumptrk	No.	Cementer	K. Davis															
Pumptrk	153	Helper	Mark															
Pumptrk	No.	Cementer																
Pumptrk		Helper																
Bulktrk	160	Driver	Paul															
Bulktrk		Driver																
<b>DEPTH of Job</b>																		
Reference:	#1					445.00												
		35 P-113-32				75.20												
		Pena				45.00												
		Sub Total				565.20												
		Tax																
		Total																
Remarks:																		
Cement Cir																		
RECEIVED STATE CORPORATION COMMISSION JUN 26 1995 CONSERVATION DIVISION WICHITA, KANSAS																		