

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

Operator: License # 5184
Name: Shields Oil Producers, Inc.
Address Shields Bldg.
City/State/Zip Russell, KS 67665
Purchaser: None
Operator Contact Person: Burton Beery
Phone (913) 483-3141
Contractor: Name: Company Tools
License: 5184
Wellsite 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 _____ PBTD
 Commingled _____ Docket No. _____
 Dual Completion _____ Docket No. _____
 Other (SWD or Inj?) _____ Docket No. _____

12-30-96 1-5-97 None
Spud Date Date Reached YD Completion Date

API NO. 15- 141-20,329 - ORIGINAL
County Osborne
100'
West- NW - NE - NE Sec. 4 Twp. 10 Rge. 12 X
4950 Feet from S/N (circle one) Line of Section
1090 Feet from E/W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
NE, SE NW or SW (circle one)
Lease Name Nelson Well # 2
Field Name Sigle North
Producing Formation None
Elevation: Ground 1885 KB 1890
Total Depth 3195 PBTD None
Amount of Surface Pipe Set and Cemented at 209 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/ _____ sx cmt.

Drilling Fluid Management Plan DFA, 3-30-98 v.e.
(Data must be collected from the Reserve Pit)

Chloride content 67,000 ppm Fluid volume 350 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name _____
Lease Name _____ License No. _____
Quarter 3 Soc. _____ Twp. 10 Rge. _____ E/W
County _____ Docket No. _____

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 Burton Beery
Title Superintendent Date 1-23-97
Subscribed and sworn to before me this 23rd day of January, 1997.
Notary Public Ruth Phillips
Date Commission Expires _____



K.C.C. OFFICE USE ONLY		
F	<input type="checkbox"/>	Letter of Confidentiality Attached
C	<input type="checkbox"/>	Wireline Log Received
C	<input type="checkbox"/>	Geologist Report Received
Distribution		
<input checked="" type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rop <input type="checkbox"/> NGPA
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug <input type="checkbox"/> Other (Specify)

Operator Name Shields Oil Producers, Inc. Lease Name Nelson Well # 2

Sec. 4 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 Yes No
 (Attach Additional Sheets.)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy.)
 List All Logs Run:

Name	Top	Datum	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input checked="" type="checkbox"/> Sample
			Anhydrite	961	+ 929
Howard Lm	2799	- 909			
Topeka Lm	2836	- 946			
Heebner Sh	3074	-1184			
Toronto Lm	3096	-1206			
Lansing-Kansas City	3130	-1240			
Total Depth	3195	-1305			

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	209	60/40 POZ Mix	150	2% Gel 3% C.C.

ADDITIONAL CEMENTING/SQUEEZE RECORD					
Purpose:	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			
<input type="checkbox"/> Perforate					
<input type="checkbox"/> Protect Casing					
<input type="checkbox"/> Plug Back TD					
<input type="checkbox"/> Plug Off Zone					

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	
				Depth

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No

Date of First, Resumed Production, S.W.D. or Inj. D+A Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 hours	Oil Bbls.	Gas Mcf	Water Ebls.	Gas-Oil Ratio	Gravity
	<u>NA</u>				

Disposition of Gas: Vented Sold Burnt on Lease (If vented, submit A) METHOD OF COMPLETION Open Hole Perf. Dually Comp. Coningled Other (Specify) _____ Production Interval _____

Shields

ORIGINAL

OIL PRODUCERS, INC.

R. L. SHIELDS, President



Russell, Kansas

FORM ACO-1 DRILL STEM TESTS

SHIELDS OIL PRODUCERS, INC. LEASE Nelson #2
D.S.T. #1 3107-3140 Times: 30-60-60-60
I.H.P. 1511 **I.F.P.** 42-42 **I.S.I.P.** 815
F.F.P. 50-50 **F.S.I.P.** 84 **F.H.P.** 1495
Recovery: 35' Slight Oil Cut Muddy Water

D.S.T. #2 3140-3195 Times: 30-60-60-60
I.H.P. 1586 **I.F.P.** 67-81 **I.S.I.P.** 1184
F.F.P. 117-151 **F.S.I.P.** 1177 **F.H.P.** 1570
Recovery: 300' Muddy water with scum of heavy oil on top

D.S.T. #3 _____ 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. #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
KANSAS CORP COMM
1997 MAR 19 A 11:27

ALLIED CEMENTING CO., INC. 7116

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

15-141-20,329-00-00
SERVICE POINT: Russell

DATE <u>12-30-96</u>	SEC. <u>4</u>	TWP. <u>10 S</u>	RANGE <u>12 W</u>	CALLED OUT <u>10:45 PM</u>	ON LOCATION <u>11:30 PM</u>	JOB START <u>1:30 AM</u>	JOB FINISH <u>2:00 AM</u>
LEASE <u>NELSON</u>		WELL # <u>2</u>	LOCATION <u>LURAY 5 N 1 1/2 E 2 N 1/2 E</u>		COUNTY <u>OSBORNE</u>	STATE <u>KANSAS</u>	

OLD OR NEW (Circle one)

CONTRACTOR SHIELDS DRILL RIG #2

TYPE OF JOB SURFACE

HOLE SIZE 12 1/4 T.D. 212'

CASING SIZE 8 5/8 20' DEPTH 209

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. 15' 12 1/2 BBL

PERFS. _____

OWNER Same

CEMENT

AMOUNT ORDERED 150 SK 69/40 2% GEL
3.20 CC

COMMON	<u>90</u>	@	<u>6.10</u>	<u>549.00</u>
POZMIX	<u>60</u>	@	<u>3.15</u>	<u>189.00</u>
GEL	<u>3</u>	@	<u>9.50</u>	<u>28.50</u>
CHLORIDE	<u>5</u>	@	<u>28.00</u>	<u>140.00</u>

EQUIPMENT

PUMP TRUCK CEMENTER Shane

177 HELPER Will

BULK TRUCK DRIVER Jan

160

BULK TRUCK DRIVER _____

HANDLING @ 1.05 157.50

MILEAGE 44 / 20 = 2.2 Mile 180.00

TOTAL 1244.00

REMARKS:

SERVICE

Cement Circulated ✓

THANK'S

DEPTH OF JOB _____

PUMP TRUCK CHARGE 415.00

EXTRA FOOTAGE @ _____

MILEAGE 30 @ 2.85 85.50

PLUG 8 5/8 WOODEN @ _____ 45.00

TOTAL 575.50

CHARGE TO: SHIELDS Oil PRODUCERS

STREET Shields Bldg.

CITY Russell STATE Kansas ZIP 67665

FLOAT EQUIPMENT

@ _____

@ _____

@ _____

@ _____

ALLIED CEMENTING CO., INC. 5692

15-141-20229-00-00

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

ORIGINAL

SERVICE POINT: R

DATE <u>1-6-97</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION <u>11:00 pm</u>	JOB START <u>12:45 am</u>	JOB FINISH <u>3:00 am</u>
LEASE <u>Nelson</u>		WELL# <u>2</u>		LOCATION <u>Survey S N 1/2 E 2 N 1/4 E</u>		COUNTY <u>Osborne</u>	STATE <u>Ko</u>

OLD OR NEW (Circle one)

CONTRACTOR <u>Shields Dalg</u>	
TYPE OF JOB <u>Pipe</u>	
HOLE SIZE <u>7 7/8</u>	T.D. <u>3195</u>
CASING SIZE	DEPTH
TUBING SIZE	DEPTH
DRILL PIPE <u>4 1/2</u>	DEPTH <u>975</u>
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG.	
PERFS.	

OWNER _____

CEMENT

AMOUNT ORDERED 190 6 3/4 @ 6.90 gel
Killer floreal

COMMON	<u>114</u>	@	<u>6.10</u>	<u>695.40</u>
POZMIX	<u>76</u>	@	<u>3.15</u>	<u>239.40</u>
GEL	<u>10</u>	@	<u>9.50</u>	<u>95.00</u>
CHLORIDE		@		
<u>Flo Seal</u>	<u>48</u>	@	<u>1.15</u>	<u>55.20</u>
		@		
		@		
		@		
		@		
HANDLING		@	<u>105</u>	<u>199.50</u>
MILEAGE <u>3.3</u>			<u>04</u>	<u>250.80</u>

EQUIPMENT

PUMP TRUCK # <u>153</u>	CEMENTER <u>Mark</u>
	HELPER <u>Paul</u>
BULK TRUCK # <u>213</u>	DRIVER <u>Jason</u>
BULK TRUCK # _____	DRIVER _____

TOTAL 1535.30

REMARKS:

SERVICE

<u>25</u>	@	<u>975</u>
<u>90</u>	@	<u>685</u>
<u>40</u>	@	<u>260</u>
<u>10</u>	@	<u>40</u>
<u>15</u>		<u>Rathole</u>
<u>10</u>		<u>Moosehole</u>

DEPTH OF JOB	<u>445.00</u>
PUMP TRUCK CHARGE	<u>445.00</u>
EXTRA FOOTAGE	@
MILEAGE <u>3.3</u>	@ <u>285</u> <u>940.5</u>
PLUG <u>8 5/8 Dryhole</u>	@ <u>2300</u>
	@
	@

TOTAL 562.05

CHARGE TO: Shields Oil Producers
STREET Shields Bldg
CITY Russell STATE Kan ZIP 67665

FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	

TOTAL _____

ALLIED CEMENTING CO., INC. 7116

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

15-141-20329-00-00

SERVICE POINT: Russell

ORIGINAL

DATE <u>12-30-96</u>	SEC. <u>4</u>	TWP. <u>10 S</u>	RANGE <u>12 W</u>	ED OUT <u>10:45 PM</u>	ON LOCATION <u>11:30 PM</u>	JOB START <u>1:30 AM</u>	JOB FINISH <u>2:00 AM</u>
LEASE <u>Nelson</u>		WELL # <u>2</u>		LOCATION <u>LURAY 5N 1 1/2 E 2N 1/2 E</u>		COUNTY <u>OSBORNE</u>	STATE <u>KANSAS</u>

OLD OR NEW (Circle one)

CONTRACTOR SHIELDS DRIG. Rig #2

TYPE OF JOB SURFACE

HOLE SIZE 12 1/4 T.D. 212'

CASING SIZE 8 5/8 20' DEPTH 209

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. 15' 12 3/4 BBL

PERFS. _____

OWNER Same

CEMENT

AMOUNT ORDERED 150 SK 60% 2% GEL
390 CC

COMMON	90	@	6-10	549 ⁰⁰
POZMIX	60	@	3-15	189 ⁰⁰
GEL	3	@	9-50	28 ⁵⁰
CHLORIDE	5	@	28 ⁰⁰	140 ⁰⁰
		@		
		@		
		@		
		@		
		@		
HANDLING		@	1-05	157 ⁵⁰
MILEAGE	44	/	1 Mile	180 ⁰⁰
TOTAL				1244 ⁰⁰

EQUIPMENT

PUMP TRUCK CEMENTER Shun

177 HELPER Will

BULK TRUCK

160 DRIVER Jan

BULK TRUCK

_____ DRIVER _____

REMARKS:

Cement CIRCULATED

THANK'S

SERVICE

DEPTH OF JOB				
PUMP TRUCK CHARGE			445 ⁰⁰	
EXTRA FOOTAGE		@		
MILEAGE	30	@	2-85	
PLUG	8 5/8 WOODEN	@	45 ⁰⁰	
		@		
		@		
TOTAL				575 ⁵⁰

CHARGE TO: SHIELDS Oil PRODUCERS

STREET Shields Bldg.

CITY Russell STATE Kansas ZIP 67665

FLOAT EQUIPMENT

	@			
	@			
	@			
	@			
	@			
TOTAL				

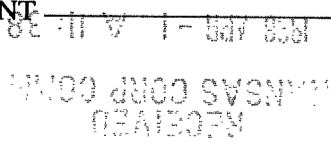
To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE Burton Beery

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS



ALLIED CEMENTING CO., INC. 5692

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

ORIGINAL

SERVICE POINT: R

DATE <u>1-6-97</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
					<u>11:00pm</u>	<u>12:45am</u>	<u>3:00am</u>
LEASE <u>Nelson</u>	WELL # <u>2</u>	LOCATION <u>Luray SW 1/2 E 2 N 1/4 E</u>			COUNTY	STATE	
					<u>Osborne</u>	<u>Mo</u>	

OLD OR NEW (Circle one)

CONTRACTOR <u>Shields Dalg</u>
TYPE OF JOB <u>Pta</u>
HOLE SIZE <u>7 7/8</u> T.D. <u>3195</u>
CASING SIZE DEPTH
TUBING SIZE DEPTH
DRILL PIPE <u>4 1/2</u> DEPTH <u>975</u>
TOOL DEPTH
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT
CEMENT LEFT IN CSG.
PERFS.

OWNER _____ CEMENT _____

AMOUNT ORDERED 190 60/40 69 gal
4 lb floreal

COMMON	<u>114</u>	@	<u>610</u>	<u>695.40</u>
POZMIX	<u>76</u>	@	<u>315</u>	<u>239.40</u>
GEL	<u>10</u>	@	<u>950</u>	<u>95.00</u>
CHLORIDE		@		
<u>Fla Seal</u>	<u>48</u>	@	<u>115</u>	<u>55.20</u>
		@		
		@		
		@		
		@		
		@		
HANDLING		@	<u>105</u>	<u>199.50</u>
MILEAGE <u>3.3m</u>			<u>04</u>	<u>250.80</u>

EQUIPMENT

PUMP TRUCK CEMENTER <u>Mark</u>
<u>153</u> HELPER <u>Paul</u>
BULK TRUCK
<u>213</u> DRIVER <u>Jason</u>
BULK TRUCK
DRIVER

TOTAL 1835.30

REMARKS:

SERVICE

<u>25</u> @ <u>975</u>
<u>90</u> @ <u>685</u>
<u>40</u> @ <u>260</u>
<u>10</u> @ <u>40</u>
<u>15</u> <u>Rathole</u>
<u>10</u> <u>Mousethole</u>

DEPTH OF JOB	<u>445.00</u>
PUMP TRUCK CHARGE	<u>445.00</u>
EXTRA FOOTAGE	@
MILEAGE <u>3.3</u>	@ <u>285</u> <u>94.05</u>
PLUG <u>8 7/8 Dryhole</u>	@ <u>2300</u>
	@
	@

TOTAL 562.05

CHARGE TO: Shields Oil Producers
STREET Shields Bldg
CITY Russell STATE Kan ZIP 67665

FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	

TOTAL _____

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 is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX _____
TOTAL CHARGE _____
DISCOUNT _____ IF PAID IN 30 DAYS

1998 APR -1 A 11 38
RECEIVED
KANSAS CORP CO

SIGNATURE [Signature]