

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

20329-00-100 KCCap  
**ORIGINAL**

API NO. 15- 141-20-329-20-330

County Osborne

100'  
West- NW - NE - NE Sec. 4 Twp. 10 Rgs. 12 X W

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 PSTD None

Amount of Surface Pipe Set and Cemented at 209 Feet

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from \_\_\_\_\_  
feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cnt.

Drilling Fluid Management Plan D&A JH 6-26-97  
(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 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: None

Operator Contact Person: Burton Beery

Phone (913) 483-3141

Contractor: Name: Company Tools

License: 5184

Wellsite Geologist: Francis Whisler

Designate Type of Completion  
X New Well \_\_\_\_\_ Re-Entry \_\_\_\_\_ Workover \_\_\_\_\_

\_\_\_\_\_ Oil \_\_\_\_\_ SWD \_\_\_\_\_ SLOW \_\_\_\_\_ Temp. Abd.  
\_\_\_\_\_ Gas \_\_\_\_\_ ENNR \_\_\_\_\_ SIGW  
X 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 \_\_\_\_\_ PSTD  
\_\_\_\_\_ Commingled \_\_\_\_\_ Docket No. \_\_\_\_\_  
\_\_\_\_\_ Dual Completion \_\_\_\_\_ Docket No. \_\_\_\_\_  
\_\_\_\_\_ Other (SWD or Inj?) \_\_\_\_\_ Docket No. \_\_\_\_\_

12-30-96 1-5-97 None  
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.

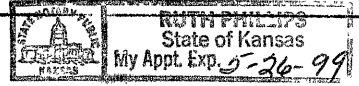
Signature Burton Beery

Title Superintendent Date 1-23-97

Subscribed and sworn to before me this 23rd day of January, 1997.

Notary Public Keith Phillips

Date Commission Expires \_\_\_\_\_



**K.C.C. OFFICE USE ONLY**

Letter of Confidentiality Attached C

Wireline Log Received C

Geologist Report Received C

Distribution

✓ KCC \_\_\_\_\_ SWD/Rep \_\_\_\_\_ NGPA  
KGS \_\_\_\_\_ Plug \_\_\_\_\_ Other \_\_\_\_\_  
(Specify)

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

East County Osborne

Sec. 4 Twp. 10 Rge. 12  
 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.)

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 Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<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
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Date of First, Resumed Production, SWD or Inj. D&A Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 hours	Oil <u>N/A</u> Bbls.	Gas <u>N/A</u> Mcf	Water <u>N/A</u> Ebls.	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) \_\_\_\_\_

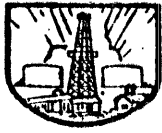
Production Interval \_\_\_\_\_

# Shields

ORIGINAL

OIL PRODUCERS, INC.

R. L. SHIELDS, President



Russell, Kansas

15-141-20330

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: \_\_\_\_\_

# ALLIED CEMENTING CO., INC. 7116

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

ORIGINAL

SERVICE POINT: Russell  
1231-96

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 AM</u>	ON LOCATION <u>11:30 PM</u>	JOB START <u>1:30 AM</u>	JOB FINISH <u>3:00 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 1/4 2 7/8 GEL  
390 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>
_____		@		
_____		@		
_____		@		
_____		@		
_____		@		
HANDLING		@	<u>1.05</u>	<u>157.50</u>
MILEAGE	<u>44 / 82.1</u>			<u>180.00</u>
TOTAL				<u>1244.00</u>

**EQUIPMENT**

PUMP TRUCK CEMENTER Shuman

# 177 HELPER Will

BULK TRUCK

# 160 DRIVER Jan

BULK TRUCK

# \_\_\_\_\_ DRIVER \_\_\_\_\_

**REMARKS:**

Cement Circulated

THANK'S

**SERVICE**

DEPTH OF JOB \_\_\_\_\_

PUMP TRUCK CHARGE \_\_\_\_\_ 145.00

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**

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

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

COPY OF RECEIPT  
FOR CEMENT EQUIPMENT

# 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>11:00 pm</u>	<u>12:45 am</u>	<u>3:00 am</u>
LEASE <u>Nelson</u>	WELL# <u>2</u>	LOCATION <u>Survey SW 1/2 E 2 N 1/4 E</u>			COUNTY	STATE	
					<u>Oshome</u>	<u>Mo</u>	

OLD OR NEW (Circle one)

CONTRACTOR Shields Dalg

TYPE OF JOB P

HOLE SIZE 7 7/8 T.D. 3195

CASING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE 4 1/2 DEPTH 975

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_

CEMENT LEFT IN CSG. \_\_\_\_\_

PERFS. \_\_\_\_\_

OWNER \_\_\_\_\_

CEMENT

AMOUNT ORDERED 190 6 3/4 6 7/8 gel  
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>Flo 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>
TOTAL				<u>1535.30</u>

EQUIPMENT

PUMP TRUCK CEMENTER Mark

# 153 HELPER Paul

BULK TRUCK

# 213 DRIVER Jason

BULK TRUCK

# \_\_\_\_\_ DRIVER \_\_\_\_\_

REMARKS:

<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>Mousehole</u>	

SERVICE

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 <u>5620.5</u>	

CHARGE TO: Shields Oil Producers

STREET Shields Bldg

CITY Russell STATE Kan ZIP 67665

FLOAT EQUIPMENT

_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
TOTAL _____		

TAX \_\_\_\_\_

TOTAL CHARGE \_\_\_\_\_

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

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 [Signature]

RECEIVED  
JAN 10 1997  
ALLIED CEMENTING CO.  
RUSSELL, KANSAS