

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

API NO. 15- 141-20,343-00 **ORIGINAL**

Operator: License # 5184

Name: Shields Oil Producers, Inc.

Address Shields Bldg.

City/State/Zip Russell, KS 67665

Purchaser: Farmland

Operator Contact Person: Burton Beery

Phone (785) 483-3141

Contractor: Name: Company Tools

License: 5184

Wellsite Geologist: Francis Whisler

Designate Type of Completion

- New Well Re-Entry Workover
- Oil SWD SIOW 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 PBTB
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

10-8-98 10-16-98 10-27-98

Spud Date Date Reached TD Completion Date

County Osborne

100' East NW SE NE Sec. 8 Twp. 10 Rge. 12 X W

3630 Feet from (S)N (circle one) Line of Section

890 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 Fouts Well # 1

Field Name Un Named

Producing Formation Kansas City

Elevation: Ground 1826 KB 1831

Total Depth 3380 PBTB 3325

Amount of Surface Pipe Set and Cemented at 217 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 937 Feet

If Alternate II completion, cement circulated from 982

feet depth to Surface w/ 155 ax cmt.

Drilling Fluid Management Plan AH-2, 12-17-98
(Data must be collected from the Reserve Pit) U.C.

Chloride content 22,000 ppm Fluid volume 300 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. _____

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 Supt. Date 12-14-98

Subscribed and sworn to before me this 14th day of Dec. 19 98.

Notary Public Luth Phillips

Date Commission Expires _____



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

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:
 Radiation - Guard - Caliper

Name	Top	Datum
Anhydrite	924	+ 907
Howard Lime	2741	- 910
Topeka Lime	2779	- 948
Heebner Shale	3007	-1176
Toronto Lime	3029	-1198
Lansing-KS City	3067	-1236
Base Lansing-KS City	3366	-1535

CASING RECORD <input type="checkbox"/> New <input checked="" type="checkbox"/> Used								
Report all strings set-conductor, surface, intermediate, production, etc.								
Purpose	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	217	60-40 POZ Mix	150	2% Gel 3% C.C.
	Production	7 7/8	4 1/2	9 1/2	3378	ASC	100	

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Plug Back TD	Surface	60-40 POZ Mix	155	8% Gel - 1/4# floseal per sk.
<input type="checkbox"/> Plug Off Zone	932			

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
4	3071 - 3076'	500 gal -15%, 2000-28%	3076

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8 ELIE	3321	None	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or Inj.	Producing Method
12-1-98	<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.	Gas Mcf	Water Ebls.	Gas-Oil Ratio	Gravity
	20	None	2		37

Disposition of Gas: Vented Sold Under Lease (If vented, submit A)

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

Production Interval: 3071 to 3076

Shields

OIL PRODUCERS, INC.

R. L. SHIELDS, President



Russell, Kansas

FORM ACO-1 DRILL STEM TESTS

SHIELDS OIL PRODUCERS, INC. LEASE Fouts #1

D.S.T. #1 3040-3077 Times: 30-60-60-60

I.H.P. 1492 I.F.P. 37-44 I.S.I.P. 1039

F.F.P. 59-69 F.S.I.P. 1009 F.H.P. 1484

Recovery: 180' gas - 60' HOCM

D.S.T. #2 3084-3102 Times: 30-60-30

I.H.P. 1537 I.F.P. 30-30 I.S.I.P. 1032

F.F.P. 37-37 F.S.I.P. N/A F.H.P. 1515

Recovery: 5' of Mud with scum of oil

D.S.T. #3 3105-3120 Times: 30-60-60-60

I.H.P. 1522 I.F.P. 7-15 I.S.I.P. 994

F.F.P. 44-52 F.S.I.P. 979 F.H.P. 1477

Recovery: 70' of oil specked salt 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
 OIL CORPORATION COMMISSION
 WICHITA, KANSAS
 DEC 15 1968
 CONSERVATION DIVISION

FRANCIS C. WHISLER
CERTIFIED PETROLEUM GEOLOGIST
837 EAST 1ST
RUSSELL, KANSAS 67665

ORIGINAL
15-141-20343



SHIELDS OIL PRODUCERS, INC.
Russell, Kansas

GEOLOGICAL REPORT

Fouts No. 1

100' East of NW SE NE

Sec. 8, T 10 S, R 12 W

Osborne County, Kansas

Oct. 19, 1998

CONSERVATION DIVISION
Wichita, Kansas

DEC 15 1998

RECEIVED
STATE CORPORATION COMMISSION

ORIGINAL

SHIELDS OIL PRODUCERS, INC.

P O Box 709
Russell, Kansas

Geological Report: Fouts No. 1
100' E of NW SE NE
Sec. 8, T 10 S, R 12 W
Osborne County, Kansas

Contractor: Shields Drilling Co., Inc.

Drilling Commenced: Oct. 8, 1998

Drilling Completed: Oct. 16, 1998

Casing Record: Surface casing, 8 5/8" set at 217'
4 1/2" production casing set at 3378'
with 100 sx ASC cement.
Port Collar set at 937'

Samples: Saved and examined from 2700' to 3380',
RTD. Zones of interest are described
in this report.

Drilling Time: Recorded and plotted from 2700' to
3380', RTD. A copy of the plotted
drilling time/lithology log is in-
cluded with this report.

Drillstem Tests: 3 by Trilobite Testing LLC.

Electric Logs: Radiation-Guard-Caliper by ELI, Inc.

Elevations: Kelly Bushing: 1831'
Ground Level: 1826
Measurements From: K. B.

Formations:

	Rotary Depths:	E. Log Depths:	E. Log Datums:
Anhydrite	926	924	+ 907
Howard Lime	2740	2741	- 910
Topeka Lime	2779	2779	- 948
Heebner Shale	3008	3007	-1176
Toronto Lime	3031	3029	-1198
Lansing-Kansas City	3067	3067	-1236
Base of Kansas City	3371	3366	-1535

ORIGINAL

Lithology: Zones of Interest & Test Data:

Lansing-Kansas City:

3067-3078: LS-white, dense, crystalline with scattered light oil stain
 A zone and fair saturation. Slight crystalline and pin hole porosity. Good odor but no free oil. Tested by Drillstem Test #1. (A zone produces on Fallis #1).

DRILLSTEM TEST No. 1: 3040-3077: 30-60-60-60 with weak blow increasing to good. Off bottom of bucket in 58 minutes.

Recovery:	180' of gas 60' of HOCM
IFP:	37-44
IBHP:	1039 still building
FFP:	59-69
FBHP:	1009 still building

3092-3100: Dol-white, fine crystalline and some white dense lime. Very
 B zone cherty. Some crystalline porosity. Rare oil stain, with no free oil or odor. Tested by Drillstem Test #2. (B zone produces on Kendig A-2).

DRILLSTEM TEST No. 2: 3084-3102: 30-60-30 with weak blow died in 5 minutes.

Recovery:	5' of mud with scum of oil
IFP:	30-30
IBHP:	1032
FFP:	37-37
FBHP:	Not taken

3110-3122: LS-white, some buff, oolitic, fine to medium with scattered
 C zone light oil stain, fair saturation. Slight show of free oil and good odor. Good porosity and abundant barren porosity. Tested by Drillstem Test #3.

DRILLSTEM TEST No. 3: 3105-3120: 30-60-60-60 with weak blow throughout

Recovery:	70' of oil specked salt water
IFP:	7-15
IBHP:	994
FFP:	44-52
FBHP:	979

No other zones of oil stain were noted during the drilling of the well.

ORIGINAL

Remarks & Recommendations:

The following table compares the Fouts #1 with the Fallis #1 and the Kendig A-2:

	Fouts #1	Fallis #1	Kendig A-2
Anhydrite	+ 907	+ 881	+ 904
Lansing-KC	-1236	-1241	-1239
B zone	-1261	-1267	-1265
C zone	-1279	-1289	-1285
Base of KC	-1535	-1539	NA

You will note from the foregoing table that the Fouts #1 ran structurally high on all horizons when compared to the nearby producing wells. With the Fallis #1 producing the A zone and the Kendig A-2 producing the B zone it was reasonable to expect that both of the zones would be productive in the Fouts #1. Also, with the higher structural position we rather expected that the C zone would be oil productive. This was not the case. Each zone was tested by drillstem test and the results of test #2 and #3 were negative with only the test covering the A zone indicated probable commercial oil production.

For production I recommend that the A zone be perforated from 3071-76. At some later date, I recommend that the B zone be perforated for further testing from 3094-97.

Respectfully submitted;

Francis C. Whisler
Francis C. Whisler

ALLIED CEMENTING CO., INC. ORIGINAL

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

ORIGINAL SERVICE POINT: Russell

DATE <u>10/27/98</u>	SEC. <u>8</u>	TWP. <u>10</u>	RANGE <u>12</u>	CALLED OUT	ON LOCATION <u>10:00AM</u>	JOB START <u>11:00AM</u>	JOB FINISH <u>12:00PM</u>
LEASE <u>Fouts</u>	WELL # <u>1</u>	LOCATION <u>Luray low E. IWO</u>			COUNTY <u>Osborne</u>	STATE <u>Ks.</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR Rapid
 TYPE OF JOB Port Collar
 HOLE SIZE _____ T.D. _____
 CASING SIZE 4 1/2" DEPTH _____
 TUBING SIZE 2" DEPTH 9.32'
 DRILL PIPE _____ DEPTH _____
 TOOL ~~_____~~ DEPTH 9.32'
 PRES. MAX Port Collar MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. _____
 PERFS. _____
 DISPLACEMENT _____

OWNER _____
 CEMENT
 AMOUNT ORDERED 125 60/80 Gel
1/4" # Flo
 USED 155 SX
 COMMON 93 @ 6.35 590.55
 POZMIX 62 @ 3.25 201.50
 GEL 11 @ 9.50 104.50
 CHLORIDE _____ @ _____
Flashed 39# @ 1.15 44.85
 @ _____
 @ _____
 @ _____
 @ _____
 HANDLING @ 1.05 183.75
 MILEAGE 44 / 22 / mile 210.00
 TOTAL 1335.15

EQUIPMENT

PUMP TRUCK CEMENTER Paul
 # 153 HELPER Bill
 BULK TRUCK
 # 213 DRIVER Jason
 BULK TRUCK
 # _____ DRIVER _____

REMARKS:

Bridge Plug @ 300' Drilled
to 500psi Port Collar @ 9.32' Mixed
approx 140 sx. Displaced shut tool
and washed clean.

Cement Circulated! ✓

CHARGE TO: Shields
 STREET Shields Bldg.
 CITY Russell STATE Kansas ZIP 67665

SERVICE

DEPTH OF JOB _____
 PUMP TRUCK CHARGE _____ 580.00
 EXTRA FOOTAGE @ _____
 MILEAGE 30 @ 2.85 85.50
 PLUG @ _____
 @ _____
 @ _____
 TOTAL 665.50

RECEIVED
 ALLIANCE CORPORATION COMMISSION
 DEC 15 1998
 CONSERVATION DIVISION
 Wichita Kansas

FLOAT EQUIPMENT

@ _____
 @ _____
 @ _____
 @ _____
 @ _____

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]

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

PRINTED NAME _____

ALLIED CEMENTING CO., INC.

15-141-20343-00-00

2920

ORIGINAL

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

SERVICE POINT

K

DATE <u>10-16-98</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION <u>2:30 pm</u>	JOB START <u>9:00 pm</u>	JOB FINISH <u>9:30 pm</u>
LEASE <u>Fanta</u>	WELL # <u>1</u>	LOCATION <u>Survey 6th 3/4E</u>			COUNTY <u>Oshawa</u>	STATE <u>Ks</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR Shields Oil

TYPE OF JOB Production String

HOLE SIZE 7 7/8 T.D. 3380

CASING SIZE 4 1/2 DEPTH 3378

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL Post collar (Baker) DEPTH 937

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT 19'

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT 53 1/2 bbl

EQUIPMENT

PUMP TRUCK CEMENTER Maize

345 HELPER Will

BULK TRUCK

160 DRIVER Jason

BULK TRUCK

_____ DRIVER _____

OWNER _____

CEMENT

AMOUNT ORDERED 125 ASC

500 W37-2

COMMON _____	@ _____	_____
POZMIX _____	@ _____	_____
GEL _____	@ _____	_____
CHLORIDE _____	@ _____	_____
<u>ASC</u> <u>125</u>	@ <u>8 25</u>	<u>1025 00</u>
<u>W37-2</u> <u>500 gals</u>	@ <u>1 00</u>	<u>500 00</u>
_____	@ _____	_____
_____	@ _____	_____
HANDLING _____	@ <u>1 05</u>	<u>131 25</u>
MILEAGE <u>44 / hr / mile</u>	_____	<u>145 00</u>
TOTAL		<u>1801 25</u>

REMARKS:

SERVICE

Plug Bottom w/15' of maseblock w/10' of float held

J. Shields

CH

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____ 1080 00

EXTRA FOOTAGE _____ @ _____

MILEAGE 29 @ 285 8265

PLUG 4 1/2 Rubber @ 38 00

_____ @ _____

_____ @ _____

TOTAL 1200 65

CHARGE TO: Shields Oil Production

STREET Shields Bldg.

CITY Russell STATE Kansas ZIP 67665

RECEIVED
 DATE NOV 15 1998
 CONSERVATION DIVISION
 WICHITA, KANSAS

FLOAT EQUIPMENT

<u>4 1/2</u> 1 - insert	@	<u>146 00</u>
1 - Guide shoe	@	<u>90 00</u>
1 - Borebit	@	<u>129 00</u>
8 - Cent	@ <u>22 00</u>	<u>176 00</u>
_____	@ _____	_____
TOTAL		<u>541 00</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 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

SIGNATURE Burton Beery

Burton Beery
PRINTED NAME

ALLIED CEMENTING CO., INC.

15-141-20343-00-00
ORIGINAL 1754

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

SERVICE POINT: R

DATE <u>10/9/98</u>	SEC. <u>8</u>	TWP. <u>10</u>	RANGE <u>12</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH <u>5:45 AM</u>
LEASE <u>Fouts</u>	WELL # <u>1</u>	LOCATION <u>Luray 7N 3/4 E K15</u>			COUNTY <u>Osborne</u>	STATE <u>Ks</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)							

CONTRACTOR Shields Drig

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 220

CASING SIZE 8 1/2 DEPTH 217

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 10-15

PERFS.

DISPLACEMENT 20# 13 1/4 BBL

EQUIPMENT

345 PUMP TRUCK CEMENTER Dave

HELPER Well

BULK TRUCK DRIVER

DRIVER Jason

OWNER

CEMENT

AMOUNT ORDERED 150 60 40 3 + 2

COMMON	<u>90</u>	@	<u>6.50</u>	<u>571.50</u>
POZMIX	<u>60</u>	@	<u>2.50</u>	<u>145.00</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>4 1/2</u>	@	<u>1.00</u>	<u>180.00</u>
				TOTAL <u>1272.50</u>

REMARKS:

Cement Cir. ✓

CHARGE TO: Shields Oil Producers

STREET Shields Bldg

CITY Russell STATE Ks ZIP 67665

SERVICE

DEPTH OF JOB

PUMP TRUCK CHARGE 470.00

EXTRA FOOTAGE @

MILEAGE 30 @ 2.85 85.50

PLUG 8 1/2 wooden @ 45.00

TOTAL 600.50

FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	

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TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE Burton Beery

Burton Beery
PRINTED NAME

RECEIVED
 OCT 15 1998
 STATE CORPORATION COMMISSION
 WICHITA, KANSAS