

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

Operator: License # 5184 (Was 31,307)  
Name: Shields Oil Producers, Inc.  
Address Shields Bldg.  
Was CMR Operating Co.  
City/State/Zip Russell, KS 67665  
Purchaser: NCRA  
Operator Contact Person: Burton Beery  
Phone (785) 483-3141  
Contractor: Name: Shields Oil Producers, Inc.  
License: 5184  
Wellsite Geologist: Todd Morgenstern

Designate Type of Completion  
 New Well  Re-Entry  Workover  
 Oil  SWD  SIOW  Temp. Abd.  
 Gas  EMHR  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 \_\_\_\_\_ PSTD \_\_\_\_\_  
Commingled \_\_\_\_\_ Docket No. \_\_\_\_\_  
Dual Completion \_\_\_\_\_ Docket No. \_\_\_\_\_  
Other (SWD or Inj?) \_\_\_\_\_ Docket No. \_\_\_\_\_  
4-20-98 \_\_\_\_\_ 5-1-98 \_\_\_\_\_ 6-8-98 \_\_\_\_\_  
Spud Date Date Reached TD Completion Date

API NO. 15- 101-21,760-0000 **ORIGINAL**  
County Lane  
East 60' w/2 w/2 - SE Sec. 4 Twp. 17 Rge. 29 X E/W  
1320 Feet from (S)N (circle one) Line of Section  
2250 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 Snider Well # 1  
Field Name Unnamed  
Producing Formation Johnson, Cherokee, Fort Scott  
Elevation: Ground 2811 KB 2816  
Total Depth 4600 PSTD 4581  
Amount of Surface Pipe Set and Cemented at 219 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set 2251 Feet  
If Alternate II completion, cement circulated from 2251  
feet depth to Surface w/ 310 sx cnt.  
Drilling Fluid Management Plan AH-2 7-23-98 U.C.  
(Data must be collected from the Reserve Pit)  
Chloride content 29,000 ppm Fluid volume 390 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 7-14-98  
Subscribed and sworn to before me this 14<sup>th</sup> day of July, 19 98.  
Notary Public Ruth Phillips  
Date Commission Expires \_\_\_\_\_



K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Geologist Report Received  
Distribution  
 KCC  SWD/Rop  NGPA  
 KGS  Plug  Other  
(Specify)

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

Sec. 4 Twp. 17 Rge. 29  
 East  
 West

County Lane

**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 E.Logs Run: Radiation Guard

Name	Top	Datum	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Anhydrite	2210	+ 606			
Topeka	3687	- 871			
Lansing	3961	-1145			
Pawnee	4416	-1600			
Fort Scott	4468	-1652			
Mississippi	4562	-1746			
Log TD	4601	-1785			

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	219	60-40 POZ Mix	150	2% Gel 3% C.C.
Production	7 7/8	5 1/2	15.5	4598	ASC	150	

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Perforate				
<input checked="" type="checkbox"/> Protect Casing	Surface	65-35 Pozmix	310	6% Gel - 1/4# floseal per sk
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone	2251			

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) Depth	
	4	4511-4513, 4533-4535, 4540-4542		3000 gal. - 15%
4	4470-4474		500 gal. 15% - 1500 gal. 28%	4474

**TUBING RECORD** Size 2 7/8 Set At 4576 Packer At None Liner Run  Yes  No

Date of First, Resumed Production, SWD or Inj. 6-23-98 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	15	None	1		38

Disposition of Gas:  
 Vented  Sold  U... n Lease  
 (If vented, submit A...

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

Production Interval  
4470  
4542

# Shields

RECEIVED  
STATE COMMISSION

# ORIGINAL

JUL 15 1960

**OIL PRODUCERS, INC.**

**R. L. SHIELDS, President**

Wichita, Kansas

## Russell, Kansas



### FORM ACO-1 DRILL STEM TESTS

**SHIELDS OIL PRODUCERS, INC.**

LEASE Snider #1

D.S.T. #1 4026-4052 Times: 45-45-45-60

I.H.P. 1982 I.F.P. 44-100 I.S.I.P. 995

F.F.P. 112-157 F.S.I.P. 973 F.H.P. 1970

Recovery: 570' gas - 90' GMCO - 120' MCGO - 120' Sli, MCGO - 60' GOCM

D.S.T. #2 4185-4212 Times: 30-30-30-30

I.H.P. 2083 I.F.P. 67-56 I.S.I.P. 671

F.F.P. 56-44 F.S.I.P. 493 F.H.P. 2072

Recovery: 5' drilling mud

D.S.T. #3 4379-4415 Times: 45-45-45-60

I.H.P. 2188 I.F.P. 44-56 I.S.I.P. 647

F.F.P. 66-77 F.S.I.P. 567 F.H.P. 2177

Recovery: 280' gas - 80' GMCO

D.S.T. #4 4457-4512 Times: 45-60-45-75

I.H.P. 2309 I.F.P. 100-134 I.S.I.P. 1130

F.F.P. 157-190 F.S.I.P. 1107 F.H.P. 2287

Recovery: 770' gas - 70' Clean GO - 120' Sli MCGO - 180' OCGM

D.S.T. #5 4507-4542 Times: 45-45-45-45

I.H.P. 2311 I.F.P. 44-44 I.S.I.P. 669

F.F.P. 55-55 F.S.I.P. 635 F.H.P. 2289

Recovery: 180' gas - 60' GMCO

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: \_\_\_\_\_

15-101-21760

# ALLIED CEMENTING CO., INC.

4672

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

JUL 15

## ORIGINAL

SERVICE POINT:

Manassas City

DATE <u>4-20-98</u>	SEC. <u>4</u>	TWP. <u>17</u>	RANGE <u>29</u>	CALLS OUT <u>5:00pm</u>	ON LOCATION <u>7:15pm</u>	JOB START <u>9:20pm</u>	JOB FINISH <u>9:45pm</u>
LEASE <u>Smider</u>	WELL # <u>1</u>	LOCATION <u>Dighton 9W 3 1/2 W 1/2 N</u>			COUNTY <u>Lane</u>	STATE <u>KS</u>	

OLD OR NEW (Circle one)

CONTRACTOR Shields Only

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 222

CASING SIZE 8 5/8 DEPTH 219

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

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

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

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

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

CEMENT LEFT IN CSG. 15

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

OWNER _____	CEMENT
AMOUNT ORDERED	
<u>150 60/40 3%cc 2%Hel</u>	
COMMON <u>90</u>	@ <u>6.35</u> <u>571.50</u>
POZMIX <u>60</u>	@ <u>3.25</u> <u>195.00</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>150</u>	@ <u>1.05</u> <u>157.50</u>
MILEAGE <u>49</u>	<u>258.00</u>
TOTAL <u>\$ 1350.50</u>	

### EQUIPMENT

PUMP TRUCK # <u>224</u>	CEMENTER <u>J. Whitehouse</u>
BULK TRUCK # <u>260</u>	HELPER <u>B. White</u>
BULK TRUCK # _____	DRIVER <u>D. Waller</u>
BULK TRUCK # _____	DRIVER _____

### REMARKS:

Cure 8 5/8 cas, max 150 60/40.  
3%cc 2%Hel, w/ 1% gel pres  
mix, Deep 13 1/2 BBL plug  
down 9:45 pm. Cement did  
circu

Thanks

### SERVICE

DEPTH OF JOB <u>219</u>	
PUMP TRUCK CHARGE <u>0-300'</u>	<u>470.00</u>
EXTRA FOOTAGE _____	@ _____
MILEAGE <u>49</u>	@ <u>2.50</u> <u>122.55</u>
PLUG <u>Top wood</u>	@ <u>45.00</u> <u>45.00</u>
_____	@ _____
_____	@ _____
TOTAL <u>\$ 637.55</u>	

CHARGE TO: C.M.R Oper. Co.

STREET P.O. Box 9827

CITY Denver STATE Colo ZIP 80209

### 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 <u>-0-</u>	
TOTAL CHARGE <u>\$ 1988.05</u>	
DISCOUNT <u>\$ 298.21</u>	IF PAID IN 30 DAYS

Net \$ 1689.84

SIGNATURE Burton Berry

# ALLIED CEMENTING CO., INC. 8070

Federal Tax I.D. # 48-0727860

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

SERVICE POINT:

## ORIGINAL

JUL 15 1998  
15-101-21760

DATE <u>7-5-98</u>	SEC. <u>4</u>	TWP. <u>17S</u>	RANGE <u>29W</u>	CALLED OUT	ON LOCATION <u>1:30 PM</u>	JOB START <u>6:00 PM</u>	JOB FINISH <u>6:45 PM</u>
LEASE <u>SNEOK</u>	WELL # <u>1</u>	LOCATION <u>SHIELDS SW-15-1/2 W-NINTO</u>			COUNTY <u>LANE</u>	STATE <u>KS</u>	
OLD OR <u>(NEW)</u> (Circle one)							

CONTRACTOR SHIELDS DRILL CO

TYPE OF JOB Production STABING

HOLE SIZE 7 7/8" T.D. 4600'

CASING SIZE 5 1/2" DEPTH 4598

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL PORT COLLAR DEPTH 2251'

PRES. MAX 1100PSI MINIMUM 200PSI

MEAS. LINE SHOE JOINT 15'

CEMENT LEFT IN CSG. 15'

PERFS.

DISPLACEMENT 109 GAL

OWNER SAME

CEMENT

AMOUNT ORDERED 175 SKS ASC 108 SALT  
500 GAL WFR-2

EQUIPMENT

PUMP TRUCK CEMENTER TERRY

# 300 HELPER WAYNE

BULK TRUCK

# 218 DRIVER LONNIE

BULK TRUCK

# DRIVER

COMMON	@		
POZMIX	@		
GEL	@		
CHLORIDE	@		
<u>175 SKS ASC</u>	@	<u>8 20/100</u>	<u>1435 00</u>
<u>12 SKS SALT</u>	@	<u>7 00/100</u>	<u>84 00</u>
<u>500 GAL WFR-2</u>	@	<u>1 00/100</u>	<u>500 00</u>
	@		
	@		
HANDLING <u>175 SKS</u>	@	<u>1 05/100</u>	<u>183 75</u>
MILEAGE <u>40 PER SK/mile</u>			<u>280 00</u>

TOTAL 2482 75/100

### REMARKS:

MIX 500 GAL WFR-2 - Plug Rat  
Hole with 15SKS cement Plug mouse  
Hole with 10SKS cement. MIX 150 SKS  
CEMENT DOWN 5 1/2 CASING & DISPLACED.

Float Held

THANK YOU

### SERVICE

DEPTH OF JOB <u>4598'</u>		
PUMP TRUCK CHARGE		<u>1214 00</u>
EXTRA FOOTAGE	@	
MILEAGE <u>40 mi</u>	@	<u>2 75/100</u> <u>114 00</u>
PLUG <u>5 1/2 Rubber</u>	@	<u>50 00</u>
	@	
	@	

TOTAL 1378 00/100

CHARGE TO: CMR OPERATING CO

STREET PO BOX 9827

CITY DENVER STATE CO ZIP 80209

### FLOAT EQUIPMENT

<u>5 1/2</u>		
<u>1- GUIDE SHOE</u>	@	<u>168 00</u>
<u>1- ARV INSERT</u>	@	<u>263 00</u>
<u>11- CENTRALIZERS</u>	@	<u>56 00/100</u> <u>616 00</u>
<u>1- PORT COLLAR</u>	@	<u>2340 00</u>
<u>1- BASKET</u>	@	<u>142 00</u>

TOTAL 3529 00/100

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.

3173

RECEIVED  
STATE OF KANSAS

ORIGINAL

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

JUL 15 1991

SERVICE POINT:

Wesley City

15-101-21760

DATE <u>6-8-98</u>	SEC. <u>4</u>	TWP. <u>17</u>	RANGE <u>29</u>	CALLLED OUT <u>7:00AM</u>	ON LOCATION <u>9:30AM</u>	JOB START <u>10:45am</u>	JOB FINISH <u>12:45pm</u>
LEASE <u>Smaller</u>	WELL # <u>1</u>	LOCATION <u>Ogden 9W 3 1/2 W 1/2 N</u>		COUNTY <u>Lane</u>	STATE <u>KS</u>		

OLD OR NEW (Circle one)

CONTRACTOR <u>Cheyenne Well Service</u>	OWNER <u>CMR Operating</u>
TYPE OF JOB <u>Post Collar</u>	CEMENT
HOLE SIZE _____	T.D. _____
CASING SIZE <u>5 1/2</u>	DEPTH _____
TUBING SIZE _____	DEPTH _____
DRILL PIPE <u>Plug</u>	DEPTH <u>4230</u>
TOOL <u>Post Collar</u>	DEPTH <u>2250</u>
PRES. MAX <u>800#</u>	MINIMUM <u>500#</u>
MEAS. LINE _____	SHOE JOINT _____
CEMENT LEFT IN CSG. _____	
PERFS. _____	

AMOUNT ORDERED <u>ALW</u>	
<u>310 (6 5/8 35 6 3/4) 1/4" Fl Seal</u>	
<u>6 3/4" Fl Seal</u>	<u>Per 3x</u>
COMMON <u>310 ALW</u>	@ <u>16.00</u> <u>1860.00</u>
POZMIX _____	@ _____
GEL <u>6</u>	@ <u>9.50</u> <u>57.00</u>
CHLORIDE _____	@ _____
<u>Fl Seal 78 #</u>	@ <u>1.15</u> <u>89.70</u>
_____	@ _____
_____	@ _____
_____	@ _____
_____	@ _____
HANDLING <u>310</u>	@ <u>1.05</u> <u>325.50</u>
MILEAGE <u>47</u>	<u>582.80</u>
TOTAL \$ <u>2915.00</u>	

**EQUIPMENT**

<u>Bud</u>	
PUMP TRUCK CEMENTER <u>J. Weyhona</u>	
# <u>224</u> HELPER <u>B. White</u>	
BULK TRUCK	
# <u>222</u> DRIVER <u>J. Weyhona</u>	
BULK TRUCK	
# <u>260</u> DRIVER <u>D. Walls</u>	

**REMARKS:**

Full 5 1/2 cpg circ test plug  
800# Nield spotted 6 3/4" Fl Seal  
circ. Hole, mix 310. 6 3/8  
6 3/4" Fl Seal 1/4" Fl Seal per 3x  
Drop 12 1/2 BBL 2250' Run circ  
2400' 2 3/8 clean  
Thanks

**SERVICE**

DEPTH OF JOB <u>2250</u>	
PUMP TRUCK CHARGE _____	<u>580.00</u>
EXTRA FOOTAGE _____	@ _____
MILEAGE <u>47</u>	@ <u>2.85</u> <u>133.95</u>
PLUG _____	@ _____
_____	@ _____
_____	@ _____
TOTAL \$ <u>713.95</u>	

CHARGE TO: Shields Oil Producers Inc.  
STREET Box 709  
CITY Russell STATE Ko 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 M. Ratto

TAX <u>- 0 -</u>
TOTAL CHARGE <u>\$ 3628.95</u>
DISCOUNT <u>\$ 544.34</u> IF PAID IN 30 DAYS

Richard P. Porek (Net \$ 3084.61)  
Don P. Porek  
D. D. Porek