

SIDE ONE

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

API NO. 15- 167-22,984 ~ 0000

County Russell

NW NE SW Sec. 30 Twp. 11 Rge. 12  East West

2310 Ft. North from Southeast Corner of Section

3630 Ft. West from Southeast Corner of Section  
(NOTE: Locate well in section plat below.)

Lease Name Hegarty Well # 3

Field Name Hegarty

Producing Formation None

Elevation: Ground 1730 KB 1735

Total Depth 3020 PBD

Operator: License # 5184

Names Shields Oil Producers, Inc.

Address Shields Bldg.

City/State/Zip Russell, Kansas 67665

Purchaser: None

Operator Contact Person: M. L. Ratts

Phone (913) 483-3141

Contractors: Names Shields Drilg. Co.

License: 5655

Wellsite Geologist: Francis Whisler

Designate Type of Completion  
 New Well  Re-Entry  Workover

Oil  SWD  Temp. Abd.

Gas  Inj  Delayed Comp.

Dry  Other (Core, Water Supply, etc.)

If OMO: old well info as follows:

Operator: \_\_\_\_\_

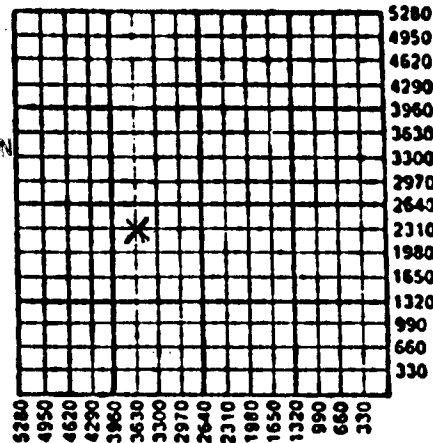
Well Names: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Drilling Methods:  
 Mud Rotary  Air Rotary  Cable

8-8-91 8-14-91 8-14-91

Spud Date Date Reached TD Completion Date



Amount of Surface Pipe Set and Cemented at 428 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.

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STATE CORPORATION COMMISSION  
9-5-91  
SEP 05 1991

A11-2 D x 0

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 drillers time log 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. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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. L. Ratts

Title Production Dept Date 8-16-91

Subscribed and sworn to before me this 16<sup>th</sup> day of August, 19 91.

Notary Public Ruth Phillips

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

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

RUTH PHILLIPS  
State of Kansas  
My Appt. Exp. 5-26-95

SIDE TWO

Operator Name Shields Oil Producers, Inc. Lease Name Hegarty Well # 3  
 Sec. 30 Twp. 11 Rge. 12  East  West  
 County Russell

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.)

D.S.T. #1 2974-3000 Times: 30-45-30-45 Rec.  
 20' Wty Mud. I.H.P. - 1486; I.F.P. - 42-42;  
 I.B.H.P. - 1008; F.F.P. - 42-51; F.B.H.P. - 974  
 D.S.T. #2 3013-3019 Times: 30-45-30-45 Rec.  
 30' Wty Mud. I.H.P. - 1545; I.F.P. - 25-25;  
 I.B.H.P. - 958; F.F.P. - 25-25; F.B.H.P. - 941

Formation Description

Log  Sample

Name	Top	Bottom
Anhydrite	747	780
Topeka Lm	2675	2910
Heebner Sh	2910	2914
Toronto Lm	2928	2942
L-KC Lm	3020	R.T.D.

**CASING RECORD**  New  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	428	Quickset	225	

Shots Per Foot	PERFORATION RECORD Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (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 Production \_\_\_\_\_ Producing Method  Flowing  Pumping  Gas Lift  Other (Explain) \_\_\_\_\_

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas:  Vented  Sold  Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION:  Open Hole  Perforation  Dually Completed  Commingled  Other (Specify) \_\_\_\_\_

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

15-167-22984-0000

ORIGINAL

COMPANY Shields Oil Proct. FARM Hegarty WELL NO. #3  
 SEC.      TWP.      RGE.      LOC.      COUNTY Russell STATE Ks  
 CONTRACTOR Shields Drilling Co. SIZE HOLE 7 7/8 DRILL PIPE 4 1/2  
 REMARKS: SIZE PUMP LINERS 6 LENGTH STROKE 14

DATE

DEPTH	TIME O'CLOCK	MIN.	REMARKS
<del>2600</del>	<del>6:31</del>		
1	33	2	Mix Mud
2	34	1	
3	35	1	
4	37	2	
5	38	1	
6	39	1	
7	40	1	
8	42	2	
9	43	1	
<del>2610</del>	<del>44</del>	<del>1</del>	
1	46	2	
2	48	2	
3	51	3	
4	53	2	
5	56	3	
6	58	2	
7	7:00	2	
8	03	3	
9	06	3	
<del>2620</del>	<del>08</del>	<del>2</del>	
1	10	2	
2	12	2	
3	14	2	Conn. Ser. Rig
4	<del>20</del> 22	2	
5	25	3	
6	28	3	
7	31	3	
8	34	3	
9	37	3	
<del>2630</del>	<del>40</del>	<del>3</del>	
1	43	3	
2	46	3	
3	48	2	
4	51	3	
5	54	3	
6	55	1	
7	56	1	
8	57	1	
9	8:00	3	
<del>2640</del>	<del>14</del>	<del>4</del>	
1	09	5	
2	13	4	
3	17	4	
4	21	4	
5	25	4	
6	30	5	
7	34	4	
8	39	5	
9	42	3	
<del>2650</del>	<del>45</del>	<del>3</del>	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
<del>2650</del>	<del>6:45</del>		
1	48	3	
2	51	3	
3	54	3	
4	58	4	
5	1:01	3	Conn
6	<del>05</del> 05	3	
7	12	4	
8	15	3	
9	19	4	
<del>2660</del>	<del>23</del>	<del>4</del>	
1	26	3	
2	31	5	
3	35	4	
4	39	4	
5	42	3	
6	43	1	
7	45	2	
8	46	1	
9	48	2	
<del>2670</del>	<del>49</del>	<del>1</del>	
1	50	1	
2	52	2	
3	53	1	
4	54	1	
5	56	2	
6	10:00	4	
7	01	1	
8	02	1	
9	04	2	
<del>2680</del>	<del>06</del>	<del>2</del>	
1	08	2	
2	10	2	
3	13	3	
4	16	3	
5	21	5	
6	25	4	Conn.
7	<del>30</del> 32	2	
8	37	5	
9	41	4	
<del>2690</del>	<del>46</del>	<del>5</del>	
1	50	4	
2	54	4	
3	58	4	
4	11:01	3	
5	04	3	
6	07	3	
7	10	3	
8	13	3	
9	17	4	
<del>2700</del>	<del>21</del>	<del>4</del>	

RECEIVED  
STATE CORPORATION COMMISSION

SEP 05 1991

COMPANY Shields Oil Prod. FARM Hegarty WELL NO. #3  
 SEC. TWP. RGE. LOC. COUNTY Russell STATE Ks  
 CONTRACTOR Shields Drilling Co. SIZE HOLE 7 7/8 DRILL PIPE 4 1/2  
 REMARKS: 773 SIZE PUMP LINERS 6 LENGTH STROKE 14

747  
~~4986~~ Anky

428' w/225 sx

Anky 747-780

DATE

DEPTH	TIME O'CLOCK	MIN.	REMARKS
<del>2700</del>	<del>11:21</del>		
1	25	4	Mix Mud
2	31	6	
3	37	6	
4	45	8	
5	52	7	
6	12:00	8	
7	08	8	Clean pump screen
8	19:04	5	
9	29	5	
2710	36	7	
1	42	6	
2	46	4	
3	49	3	
4	52	3	
5	55	3	
6	59	4	Conn.
7	1:04	4	
8	13	5	
9	18	5	
2720	23	5	
1	29	6	
2	35	6	
3	40	5	
4	46	6	
5	51	5	
6	56	5	
7	2:00	4	
8	05	5	
9	09	4	
2730	12	4	
1	17	4	
2	21	4	
3	24	3	
4	29	5	
5	33	4	
6	37	4	
7	42	5	
8	46	4	
9	50	4	
2740	55	5	
1	59	4	
2	3:04	5	
3	08	4	
4	12	4	
5	17	5	
6	22	5	
7	25	3	Conn. w/orig pump screen
8	31	3	
9	40	4	
2750	50	4	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
<del>2750</del>	<del>3:50</del>		
1	55	5	
2	4:00	5	
3	04	4	
4	08	4	
5	12	4	
6	16	4	
7	20	4	
8	24	4	
9	28	4	
2760	32	4	
1	35	3	
2	39	4	
3	44	5	
4	47	3	
5	50	3	
6	52	2	
7	56	4	
8	5:01	5	
9	06	5	
2770	09	3	
1	11	2	
2	14	3	
3	18	4	
4	22	4	
5	26	4	
6	30	4	
7	34	4	conn
8	38	2	
9	43	3	
2780	45	2	
1	49	4	
2	53	4	
3	6:00	7	
4	07	7	
5	13	6	
6	19	6	Bit Trip
7	5:50	2	
8	57	5	
9	4:00	3	
2790	53	3	
1	04	1	
2	06	2	
3	10	4	
4	13	3	
5	17	4	
6	22	5	
7	27	5	
8	32	5	
9	37	5	
2800	43	6	Call Geol.

COMPANY Shields Oil Prod. FARM Hegarty WELL NO. #3  
 SEC. TWP. RGE. LOC. COUNTY Ross STATE Ks  
 CONTRACTOR Shields Drilling Co SIZE HOLE 7 7/8 DRILL PIPE 4 1/2  
 REMARKS: SIZE PUMP LINERS 6 LENGTH STROKE 14

DATE

DEPTH	TIME O'CLOCK	MIN.	REMARKS
<del>2800</del> 1	<del>9:45</del> 9:49	6	
2	55	6	
3	10:00	5	
4	06	6	
5	11	5	
6	16	5	
7	22	6	
8	28	6	conn. Ser. rig
9	<del>35</del> 35	5	
2810	55	5	
1	11:02	7	
2	07	5	
3	11	4	
4	16	5	
5	21	5	
6	27	6	
7	34	7	
8	39	5	
9	43	4	
2820	48	5	
1	54	6	
2	17:00	6	
3	06	6	
4	12	6	
5	19	7	
6	25	6	
7	33	8	
8	41	8	
9	47	6	
2830	54	7	
1	1:00	6	
2	07	5	
3	10	3	
4	13	3	
5	20	7	
6	27	7	
7	35	8	
8	42	7	
9	49	7	Conn.
2840	<del>56</del> 56	6	
1	08	6	
2	15	7	
3	20	5	
4	26	6	
5	31	5	
6	35	4	
7	41	6	Vis 38 WL 13.0
8	45	4	WT. 9.8 LCM 1/2 #
9	50	5	
2850	55	5	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
<del>2850</del> 1	<del>2:55</del> 3:00	5	
2	05	5	
3	10	5	
4	16	6	
5	23	7	
6	29	6	
7	33	4	
8	37	4	
9	41	4	
2860	46	5	
1	51	5	
2	57	6	
3	4:02	5	
4	47	5	
5	52	5	
6	55	3	
7	14	4	
8	23	4	
9	28	5	Conn
2870	<del>34</del> 34	4	
1	41	5	Mix mud
2	48	5	
3	54	6	
4	5:00	6	
5	58	8	
6	15	7	
7	20	5	
8	25	5	
9	30	5	
2880	34	4	
1	39	5	
2	43	4	
3	47	4	
4	52	5	
5	56	4	
6	6:00	4	
7	04	4	
8	07	3	
9	10	3	
2890	13	3	
1	18	5	
2	21	3	
3	26	5	
4	31	5	
5	36	5	
6	42	6	
7	49	7	
8	54	5	
9	59	5	
2900	7:04	5	Conn. Ser. Rig

COMPANY Shields Oil Prod. FARM Hogarty WELL NO. #3  
 SEC. TWP. RGE. LOC. COUNTY Russell STATE Ks.  
 CONTRACTOR Shields Oil Co. SIZE HOLE 7 7/8" DRILL PIPE 4 1/2"  
 REMARKS: SIZE PUMP LINERS 6" LENGTH STROKE 14"

*e*

DATE

DEPTH	TIME O'CLOCK	MIN.	REMARKS
<del>2900</del>	<del>7:20</del>		
1	24	4	
2	29	5	
3	34	5	
4	38	4	
5	43	5	
6	47	4	
7	51	4	
8	56	5	
9	8:02	6	
<del>2910</del>	<del>08</del>	<del>6</del>	<del>HL 2910</del>
1	12	4	<del>1735</del>
2	15	3	<del>-1175</del>
3	17	2	<del>6-13</del>
4	22	5	
5	29	7	
6	35	6	
7	39	4	
8	42	3	
9	46	4	
<del>2920</del>	<del>52</del>	<del>6</del>	
1	57	5	
2	9:02	5	
3	07	5	
4	11	4	
5	14	3	
6	17	3	
7	20	3	2926
8	23	3	<del>1735</del>
9	28	5	<del>-1193</del>
<del>2920</del>	<del>33</del>	<del>5</del>	
1	38	5	Conn.
2	45	5	
3	56	6	
4	10:01	5	Vis 39 - wt. 9.8
5	07	6	W.L. 14.8 - LCM 1#
6	13	6	
7	19	6	
8	25	6	
9	31	6	
<del>2930</del>	<del>38</del>	<del>7</del>	
1	45	7	
2	52	7	
3	58	6	
4	11:03	5	
5	10	7	
6	15	5	Mix Mud
7	19	4	
8	23	4	
9	28	5	
<del>2950</del>	<del>34</del>	<del>6</del>	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
<del>2900</del>	<del>11:34</del>		
1	38	4	Mix Mud
2	47	9	
3	12:04	17	
4	<del>12:05</del>	2	
5	11	2	
6	13	2	
7	15	2	
8	17	2	
9	19	2	
<del>2910</del>	<del>22</del>	<del>3</del>	
1	24	2	Conn.
2	<del>32</del>	3	
3	35	2	2965
4	37	2	<u>1735</u>
5	39	2	<u>-1230</u>
6	44	5	
7	50	6	
8	56	6	
9	1:02	4	
<del>2920</del>	<del>08</del>	<del>4</del>	
1	13	5	
2	19	6	
3	27	5	
4	33	6	
5	38	7	
6	42	6	
7	46	4	
8	48	3	
9	51	3	
<del>2930</del>	<del>54</del>	<del>3</del>	
1	2:01	7	
2	06	5	
3	13	7	
4	21	8	
5	28	7	
6	35	7	
7	41	6	
8	46	5	
9	52	6	vis 45 w/ 14.0 wt 9.8
<del>2940</del>	<del>57</del>	<del>5</del>	<del>LCM 1#</del>
1	3:02	5	Conn.
2	<del>12</del>	5	
3	27	5	
4	30	3	
5	33	3	
6	38	5	
7	46	8	
8	53	7	
9	4:00	7	
<del>2950</del>	<del>09</del>	<del>9</del>	CFS 26' Anchor

call me if short trip

