

ORIGINAL

SIDE ONE

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: M. L. Ratts

Phone (913) 483-3141

Contractor: Name: Shields Drlg., Co., Inc.

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 OWMO: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:

Mud Rotary Air Rotary Cable

10-2-90 10-9-90 10-9-90

Spud Date Date Reached TD Completion Date

API NO. 15- 167-22,928 0000

County Russell

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

2970 Ft. North from Southeast Corner of Section

4290 Ft. West from Southeast Corner of Section

(NOTE: Locate well in section plat below.)

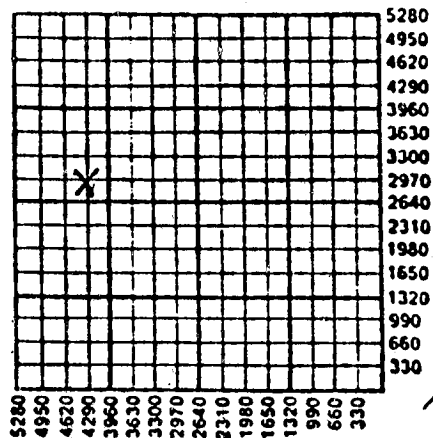
Lease Name Johnson "B" Well # 1

Field Name Wildcat

Producing Formation None

Elevation: Ground 1714 KB 1719

Total Depth 3090 PBDT None



AI I D & D

Amount of Surface Pipe Set and Cemented at 424 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.

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 Supt Date 10-12-90

Subscribed and sworn to before me this 12th day of October, 19 90.

Notary Public Ruth Phillips 10-30-90

Date Commission Expires _____

RUTH PHILLIPS
State of Kansas
My Appt. Exp. 5-26-91

Wichita, Kansas

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)

SIDE TWO

Operator Name Shields Oil Producers, Inc. Lease Name Johnson "B" Well # 1
 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.)

Formation Description		
	<input type="checkbox"/> Log	<input checked="" type="checkbox"/> Sample
Name	Top	Bottom
Anhydrite	739	793
Topeka Lm	2961	2893
Heebner Sh	2893	2897
Toronto Lm	2914	2924
L-KC Lm	2949	RTD

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	424	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 Yes 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 _____

Shields

ORIGINAL

OIL PRODUCERS, INC.

R. L. SHIELDS, President



Russell, Kansas

FORM ACO-1 DRILL STEM TESTS

SHIELDS OIL PRODUCERS, INC. LEASE Johnson "B" #1

D.S.T. #1 2956-2980 Times: 30-45-60-45

I.H.P. 1660 I.F.P. 48-57 I.S.I.P. 1127

F.F.P. 68-81 F.S.I.P. 1094 F.H.P. 1649

Recovery: 120' Muddy Water

D.S.T. #2 2983-3005 Times: 15-45-45-45

I.H.P. 1670 I.F.P. 65-179 I.S.I.P. 1168

F.F.P. 219-537 F.S.I.P. 1160 F.H.P. 1655

Recovery: 980' Salt Water

D.S.T. #3 3039-3062 Times: 30-45-60-45

I.H.P. 1726 I.F.P. 32-57 I.S.I.P. 1250

F.F.P. 81-138 F.S.I.P. 1225 F.H.P. 1716

Recovery: 260' 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:

3001 3011

001 3011

CONSERVATION DIVISION
RUSSELL, KANSAS

COMPANY Shields Oil Prod

FARM Johnson ORIGINAL WELL NO. B-1

SEC. TWP. RGE. LOC.

COUNTY Russell STATE Kanso

CONTRACTOR Shields Drilling Co

SIZE HOLE 7 7/8 DRILL PIPE 4 1/2

REMARKS:

SIZE PUMP LINERS 6 LENGTH STROKE 14

DATE 10-6-90

DEPTH	TIME O'CLOCK	MIN.	REMARKS
2600	1:46		
1	48	2	
2	51	3	
3	53	2	
4	54	1	
5	57	3	
6	2:00	3	
7	02	2	
8	04	2	
9	06	2	
2610	08	2	
1	10	2	
2	13	3	
3	15	2	
4	17	2	
5	19	2	
6	21	2	
7	23	2	
8	25	2	
9	27	2	
2620	29	2	
1	31	2	
2	32	1	
3	33	1	
4	34	1	
5	35	1	
6	38	3	CONN
7	46 49	3	
8	52	3	
9	55	3	
2630	58	3	
1	3:01	3	
2	03	2	
3	06	3	
4	08	2	
5	11	3	
6	13	2	
7	15	2	
8	17	2	
9	20	3	
2640	22	2	
1	26	4	
2	29	3	
3	31	2	
4	34	3	
5	36	2	
6	39	3	
7	41	2	
8	44	3	
9	47	3	
2650	50	3	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
2650	13:50		
2	52	2	
3	53	1	
3	54	1	
4	55	1	
5	57	2	
6	58	1	
7	59	1	conn jet
8	09 10	1	
9	11	1	
2660	12	1	
1	13	1	
2	13 1/2	1/2	
3	14	1/2	
4	15	1	
5	16	1	
6	18	2	
7	19	1	
8	21	2	
9	23	2	
2670	25	2	
1	28	3	
2	32	4	
3	34	2	
4	37	3	
5	40	3	
6	44	4	
7	47	3	
8	50	3	
9	52	2	
2680	55	3	
1	57	2	
2	59	2	
3	5:01	2	
4	04	3	
5	06	2	
6	09	3	
7	11	2	conn jet
8	20 23	3	
9	26	3	
2690	30	4	
1	33	5	
2	34	4	
3	44	5	
4	47	3	
5	50	3	
6	54	6	
7	57	3	
8	59	2	
9	6:01	2	
2700	03	2	jet volume down

COMPANY Shields Oil Prod

FARM Johnson

WELL NO. B-1

SEC. TWP. RGE. LOC.

COUNTY Russell

STATE KS

CONTRACTOR Shields Drig 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
2700	6:20		
1	21	1	
2	23	2	
3	24	1	mix mud
4	27	3	
5	29	2	
6	33	4	
7	36	3	
8	41	5	
9	45	4	
2710	49	4	
1	53	4	
2	58	5	
3	7:03	5	
4	08	5	
5	12	4	
6	16	4	
7	21	5	
8	24	3	conn
9	27 32	4	
2720	37	5	
1	42	5	
2	47	5	
3	51	4	
4	54	3	
5	59	5	
6	8:04	5	
7	09	5	
8	14	5	
9	19	5	
2730	24	5	
1	30	6	
2	35	5	
3	39	4	
4	43	4	
5	46	3	
6	48	2	
7	51	3	
8	53	2	
9	55	2	
2740	57	2	
1	9:00	3	
2	03	3	
3	07	4	
4	10	3	
5	13	3	
6	16	3	
7	19	3	
8	23	4	
9	28	5	conn
2750	31 35	4	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
2750	35		
1	37	2	
2	40	3	
3	44	4	
4	48	4	
5	50	2	
6	52	2	
7	54	2	
8	59	5	
9	10:03	4	
2760	08	5	
1	12	4	
2	16	4	
3	20	4	
4	24	4	
5	27	3	
6	31	4	
7	37	6	
8	44	7	
9	50	6	
2770	56	6	
1	11:02	6	
2	05	3	
3	09	4	
4	13	4	
5	16	3	
6	19	3	
7	24	5	
8	29	5	
9	35	6	
2780	40	5	conn Serv rig
1	47	7	
2	52	2	
3	57	4	
4	12:00	3	
5	03	3	
6	07	4	
7	11	4	
8	15	4	
9	18	2	
2790	21	2	
1	25	4	
2	29	4	
3	32	2	
4	36	4	
5	40	4	
6	44	4	
7	47	3	
8	51	4	
9	55	4	
2800	59	4	

COMPANY Shields Oil & Gas FARM Johnson ORIGINAL WELL NO. B-1
 SEC. 1 TWP. 10N RGE. 10E LOC. 10 COUNTY Butte STATE Mont.
 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
2800	12:59	3	4 1/2" mud
2	05	3	
3	08	3	
4	10	2	
5	15	5	
6	20	5	
7	26	6	
8	33	7	
9	40	7	
2910	46	6	
1	51	5	Conn.
2	58	5	
3	05	5	
4	10	5	
5	15	5	
6	20	5	
7	25	5	
8	30	2	
9	31	6	
3020	39	7	
1	44	6	
2	49	5	
3	53	7	
4	58	6	
5	07	5	
6	14	7	
7	21	7	
8	29	8	
9	34	5	
3130	40	6	
1	45	5	
2	51	6	
3	56	5	
4	01	5	
5	06	5	
6	13	7	
7	20	7	
8	26	6	
9	32	6	
3240	39	7	
1	46	7	
2	51	5	Conn.
3	56	5	
4	05	4	
5	09	4	
6	15	6	
7	21	6	
8	25	4	
9	30	5	
3350	33	3	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
2400	1:35	2	
2	38	3	
3	42	4	
4	47	5	
5	52	5	
6	57	5	
7	6:02	5	
8	06	4	
9	11	5	
2510	16	5	
1	21	5	
2	25	4	
3	31	6	
4	36	5	
5	40	4	
6	46	6	
7	52	6	
8	56	4	
9	7:01	5	
2620	06	5	
1	10	4	
2	14	4	
3	18	4	Conn. R. 9 / CLEAN P/S
4	23	2	
5	30	5	
6	35	5	
7	40	5	
8	45	5	
9	49	4	
1	54	5	
2	8:00	6	
3	05	5	
4	10	5	
5	15	5	
6	19	4	
7	24	5	
8	29	5	
9	34	5	
1	39	5	
2	44	5	
3	49	5	
4	54	5	
5	59	5	
6	9:04	5	2893
7	09	5	1719
8	13	4	1174
9	16	4	641 30 000
1	18	2	
2	20	2	
3	24	4	
4	30	6	
5	37	6	

ORIGINAL

COMPANY *Shields Oil Prod*

FARM *Winters*

WELL NO. *8-1*

SEC. TWP. RGE. LOC.

COUNTY *DeWitt*

STATE *Mo*

CONTRACTOR *Shields Oil Co*

SIZE HOLE *4 1/2*

DRILL PIPE *4 1/2*

REMARKS:

SIZE PUMP LINERS *3*

LENGTH STROKE *12*

DATE

DEPTH	TIME O'CLOCK	MIN.	REMARKS
2900	9:37		
01	42	5	
2	45	3	
3	49	4	
4	53	4	CONN
5	57 10:01	4	
6	06	5	
7	11	5	
8	15	4	
9	18	3	
2910	20	2	
1	22	2	
2	25	3	
3	28	3	
4	32	4	
5	37	5	
6	43	6	
7	49	6	
8	55	6	
9	11:01	6	
2920	07	6	
1	12	5	
2	18	6	
3	24	6	
4	31	7	
5	36	5	
6	41	5	
7	45	4	
8	49	4	
9	53	4	
2930	56	3	
1	59	3	
2	12:02	3	
3	06	4	
4	10	4	CONN
5	15 17	2	
6	19	2	
7	21	2	
8	23	2	
9	25	2	
2940	27	2	
1	29	2	
2	31	2	
3	33	2	
4	35	2	
5	37	2	
6	39	2	2949
7	41	2	1719
8	43	2	-1230
9	46	3	
2950	53	7	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
2950	53		
1	1:00	7	
2	07	7	
3	14	7	
4	21	7	
5	29	8	
6	36	7	
7	43	7	
8	50	7	
9	57	7	
2960	2:03	6	VIS 43 WT 9.9
1	10	7	WL 4.2 LCM 2 nd
2	15	5	
3	21	6	
4	27	6	
5	31	4	CONN Rig ✓ CLEAN P/S
6	44 58	8	
7	3:05	7	
8	12	7	
9	17	5	
2970	22	5	
1	26	4	
2	31	5	
3	36	5	
4	41	5	
5	47	6	
6	49	2	
7	51	2	
8	57	6	
9	4:04	7	24' Anchor Call Me on Blow
2980	09	5	CFS (DST #15)
1	3:29 35	6	VIS 44 WT 10.0
2	42	7	WL 5.2 LCM 15 th
3	48	6	
4	55	7	
5	4:01	6	
6	05	4	
7	07	2	
8	08	1	
9	09	1	
2990	10	1	
1	10 1/2	1/2	
2	11	1/2	
3	12	1	
4	13	1	
5	14	1	Conn.
6	19 20	1	
7	20 1/2	1/2	
8	21	1/2	
9	21 1/2	1/2	
3000	22	1/2	Wake Cool

COMPANY Shields Oil Prod. FARM Johnson ORIGINAL WELL NO. B-1
 SEC. TWP. RGE. LOC. COUNTY Russell STATE Kan
 CONTRACTOR Shields Drilling Co. SIZE HOLE 7 7/8" DRILL PIPE 4 1/2"
 REMARKS: SIZE PUMP LINERS LENGTH STROKE 14"

Grey Room 110

DATE

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3000	4:23	1	
2	23 1/2	1/2	
3	24 1/2	1	vis 43 wt 9.9
4	25	1/2	WL 6.2 LCM 1 1/2"
5	26	1	STOP CFS DST
6	24	3	#2: 20' Anchor
7	27	3	
8	28	1	
9	34	6	
3010	40	6	
1	48	8	
2	54	6	
3	58	4	
4	3:04	6	
5	10	6	
6	17	7	
7	24	7	
8	31	7	
9	37	6	
3020	44	7	
1	51	7	
2	57	6	
3	4:05	8	
4	12	7	
5	18	6	
6	23	5	conn v rig
7	32	6	
8	43	5	
9	47	4	
3030	54	7	vis 42 w/ 12.8 wt 100
1	59	5	LCM 1 1/2"
2	5:08	9	
3	18	10	
4	23	5	
5	26	3	
6	31	5	
7	37	6	
8	47	10	
9	56	9	
3040	6:03	7	
1	11	8	
2	17	6	
3	24	7	
4	33	9	
5	40	7	
6	46	6	
7	53	7	
8	59	6	
9	7:06	7	
3050	12	6	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3050	12	5	
1	17	5	
2	22	5	3056
3	29	7	1719
4	34	5	1337
5	40	6	
6	46	6	conn
7	51	3	
8	56	2	
9	57	1	vis 42 w/ 12.8 wt 10
3060	59	2	LCM 1 1/2"
1	8:01	2	
2	07	6	CFS 30-60
3	15	5	DST #3
4	55	5	23' Anchor
5	57	2	
6	7:01	4	
7	05	4	
8	10	5	
9	14	4	
3070	17	3	
1	21	4	
2	25	4	
3	28	3	
4	30	2	
5	35	5	
6	40	5	
7	41	1	
8	43	2	
9	44	1	
3080	46	2	
1	48	2	
2	50	2	
3	51	1	
4	53	2	
5	55	2	
6	59	4	
7	8:06	7	Conn. Ser. Rig
8	15:21	6	
9	28	7	
3090	35	7	CFS
1			
2			
3			
4			
5			
6			
7			
8			
9			
3100			

Phone 913-483-2627, Russell, Kansas
 Phone 316-793-5861, Great Bend, Kansas

Phone Plainville 913-434-2812
 Phone Ness City 913-798-3843

new

ORIGINAL ALLIED CEMENTING CO., INC. No. 9308

Home Office P. O. Box 31

Russell, Kansas 67665

Date	10-3-90	Sec.	30	Twp.	11	Range	12	Called Out		On Location	2:40 PM	Job Start		Finish	4:00 PM
Case	Johnson	Well No.	B-1	Location	Bunker Hill, 13N, 1E, 6N			County	Russell	State	Kan				
Contractor	Shields Dels Co # 2														
Type Job	Surface														
Well Size	12 1/4	T.D.	427'												
Gr.	8 5/8	Depth	427 424'												
Log Size		Depth													
Drill Pipe		Depth													
Tool		Depth													
Cement Left in Csg.	15'	Shoe Joint													
Press Max.		Minimum													
Cas Line		Displace	✓												
Ref.															

Owner
 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 listed.

Charge To
 Shields Oil Producers

Street
 Shields Bldg

City
 Russell State Kan 67665

The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No.
 X Burton Beery

CEMENT

EQUIPMENT

mptrk	No.	Cementer	Walt
	177	Helper	
mptrk	No.	Cementer	
		Helper	
ultrk	213	Driver	Low
		Driver	

Amount Ordered	225 60/40 poz, 3%cc - 2%60.1		
Consisting of			
Common	135	SKS @ 5.25	708.75
Poz. Mix	90	SKS @ 2.25	202.50
Gel.	4	SKS @ 6.75	27.00
Chloride	6	SKS @ 21.00	126.00
Quickset			

DEPTH of Job			
Reference:	Pumptruck	380.00	
	8 5/8 Rubber Plug	63.00	
	2.00 per mile	46.00	
	Sub Total		
	Tax		
	Total	489.00	

Handling	1.00 per sk	225.00
Mileage	3¢ per sk/mile	155.25
	23 miles	
	Sub Total	
	Total	1,417.50

Remarks:
 Cement Did Circ
 Cementer: Walt Dull

Floating Equipment

Thank You

Phone 913-483-2627, Russell, Kansas
 Phone 316-793-5861, Great Bend, Kansas

Phone Plainville 913-434-2812
 Phone Ness City 913-798-3843

ORIGINAL

ALLIED CEMENTING CO., INC. N^o 9435

Home Office P. O. Box 31 Russell, Kansas 67665

Sec.	Twp.	Range	Called Out	On Location	Job Start	Finish
30	11	12	10:00 AM	11:30 AM	12:30 PM	1:30 PM
Well No.	Location	County	State			
B-1	Bunker Hill	Russell	Kansas			

Contractor	Owner
Job Description	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 listed.
Drill Size	T.D.
Drill Depth	42'
Drill Size	Depth
Drill Pipe	Depth
Drill	Depth
Amount Left in Csg.	Shoe Joint
Press Max.	Minimum
Gas Line	Displace

Charge To	Street	City	State
The above was done to satisfaction and supervision of owner agent or contractor.			
Purchase Order No.			
X			
CEMENT			
Amount Ordered			
Consisting of			
Common			
Poz. Mix			
Gel.			
Chloride			
Quickset			
Sales Tax			
Handling			
Mileage			
Sub Total			
Total			
Floating Equipment			

EQUIPMENT

No.	Cementor	Helper
1	P. Davis	
No.	Cementor	Helper
Driver		
Driver		

Reference	Rate	Quantity	Sub Total
12	25.00 per Mile	35.2	
	1.50 per Plug	20	
Sub Total			
Tax			
Total			

Remarks:
 1st Plug 25 st. @ 25.00
 2nd Plug 100 st. @ 25.00
 3rd Plug 10 st. @ 25.00
 15 st. KA Plug
 17 st. Mouse Hole

Sales Tax	
Handling	
Mileage	
Sub Total	
Total	
Floating Equipment	
Date	
Checked by	
Approved by	
City, Kansas	