

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 Drilg Co.

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 PBSD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

9-20-93 9-25-93 9-25-93
Spud Date Date Reached TD Completion Date

API NO. 15- 141-20,278-00-00

County Osborne

NE - SE - NW - 9 Sec. 10 Twp. 12 Rge. X W

3630 Feet from S (circle one) Line of Section

2970 Feet from E (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE NW or SW (circle one)

Lease Name Becker Well # 2

Field Name Sigle West

Producing Formation None

Elevation: Ground 1799 KB 1804

Total Depth 3090 PBSD None

Amount of Surface Pipe Set and Cemented at 230 Feet

Multiple Stage Cementing Collar Used? No Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan D & A JH 11-2-93
(Data must be collected from the Reserve Pit)

Chloride content 61,000 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. _____

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 M. Ratts

Title Production Dept Date 10-8-93

Subscribed and sworn to before me this 8th day of October, 1993.

Notary Public Ruth Phillips

Date Commission Expires _____



K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline logs Attached
C Geologist Report Received
RECEIVED
STATE CORPORATION COMMISSION
10-14-93
OCT 14 1993
Dist. High
KCC SWD/Rep NGPA
KGS Plug Other
CONSERVATION DIVISION (Specify)
Wichita, Kansas

Operator Name Shields Oil Producers, Inc. Lease Name Becker Well # 2

Sec. 9 Twp. 10 Rgs. 12 East West County Osborne

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.)

Name	Formation (Top), Depth and Datum		Sample
	Top	Datum	
Anhydrite	888	+916	
Topeka Lm	2739	-935	
Heebner Sh	2977	-1173	
Toronto Lm	3000	-1196	
L-KC Lm	3030	-1227	

List All E.Logs Run:

D.S.T. #1 3073-3090 Times: 15-45-45-45
Rec. 1920 Salt Water I.H.P. - 1553; I.F.P. - 431-723; I.S.I.P. - 949; F.F.P. - 857-949; F.S.I.P. - 949; F.H.P. - 1540

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	230	Quickset	150	

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 Yes No

Date of First, Resumed Production, SMD or Inj. 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 A-18.)

METHOD OF COMPLETION

Open Hole Perf. Dually Comp. Commingled
 Other (Specify) _____

Production Interval _____

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

15-141-20278-00-00

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

ORIGINAL

ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

4378

New

Date	9-21-93	Sec.	9	Twp.	10	Range	12	Called Out	10:00PM	On Location	11:30PM	Job Start		Finish	3:00AM
Lease	Becker	Well No.	2	Location			Luray 5N 12E 1N			County	Osborne	State	Ks		

Contractor	Shields Drlg	
Type Job	Surface	
Hole Size	12 1/4	T.D. 233
Csg.	8 1/2	Depth 231
Tbg. Size		Depth
Drill Pipe		Depth
Tool		Depth
Cement Left in Csg.		Shoe Joint
Press Max.		Minimum
Meas Line	✓	Displace
Perf.		

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

Purchase Order No.	X	Burton Beery
CEMENT		

Amount Ordered	150 ⁰⁰ 3% ⁰⁰ 2% ⁰⁰ gel	
Consisting of		
Common	90 @ 575	517 50
Poz. Mix	60 @ 3 00	180 00
Gel.	3 @ N/C	N/C
Chloride	5 @ 25 00	125 00
Quickset		

EQUIPMENT

Pumptrk	No.	Cementor	Dave
	153	Helper	
Pumptrk	No.	Cementor	Steve
		Helper	
Bulktrk	Hays	Driver	
Bulktrk		Driver	

Handling	@ 1 00	150 00
Mileage	4¢/sq / mile	180 00
30		
Sub Total		
Total		1152 50

DEPTH of Job		
Reference:	Pump trk. chg	430 00
	2 25 per mile	67 50
	8 1/2 wooden plug	43 00
	Sub/Total	
	Tax	
	Total	540 50

Remarks: Cement
CIV

Phone 913-483-2627, Russell, Kansas

Phone 316-793-5861, Great Bend, Kansas

15-141-20278-00-00

Phone Plainville 913-434-2812

Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC.

3545

Home Office P. O. Box 31

Russell, Kansas 67665

New

Date	9-25-93	Sec.	9	Fwp.	10 s	Range	12 w	Called Out	8:00 PM	On Location	10:00 PM	Job Start	11:30 PM	Finish	3:00 AM
Lease	BECKER	Well No.	#2	Location	LURRY 5N 1 1/2 E 1/2 N 4W	County	OSBORNE	State	KANSAS						
Contractor	SHIELD'S DALS RIG #2														
Type Job	ROTARY PLUG														
Hole Size	7 7/8'	T.D.	3090'												
Csg.	8 5/8 SURFACE	Depth	230'												
Tbg. Size		Depth													
Drill Pipe	4 1/2 F-H	Depth	900'												
Tool		Depth													
Cement Left in Csg.		Shoe Joint													
Press Max.		Minimum	✓												
Meas Line		Displace													
Perf.															

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 SHIELD'S OIL PRODUCERS INC

Street
City State

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

Purchase Order No.
X Larry M Adams

CEMENT

Amount Ordered 180 SK 60% 40 6% GEL 1/4 PER SK

Consisting of
Common
Poz. Mix
Gel.
Chloride
Quickset

Sales Tax

Handling
Mileage

Sub Total

Total

Floating Equipment

EQUIPMENT

Pumptrk #177	No.	Cementer	<i>Sherry</i>
		Helper	
Pumptrk #213	No.	Cementer	<i>Jason</i>
		Helper	
Bulktrk		Driver	
		Driver	

DEPTH of Job

Reference:	Pump TRUCK CHRG
	2 25 PER MILE
	1-8 5/8 DRY HOLE PLUG
	Sub Total
	Tax
	Total

Remarks:
25 SK @ 9.00
80 SK @ 6.75
40 SK @ 2.85
10 SK @ 40 + PLUG
15 SK @ RAT HOLE
10 SK @ MOUSE HOLE

[Signature]

COMPANY Shields Oil Prod. FARM Locker WELL NO. #2
 SEC. TWP. RGE. LOC. COUNTY Desharve STATE Ks.
 CONTRACTOR Shields Drilling Co. SIZE HOLE 7 1/8" DRILL PIPE 4 1/2"
 REMARKS: SIZE PUMP LINERS 5" LENGTH STROKE 14"

ORIGINAL

DATE

DEPTH	TIME O'CLOCK	MIN.	REMARKS
2700	2:07	08	1
1	12	4	Mix mud
2	17	5	
3	21	4	
4	25	4	
5	29	4	
6	34	5	
7	38	4	
8	42	4	
9	46	4	
2710	50	4	
1	54	4	
2	58	4	
3	1:03	5	
4	1:06	3	
5	1:10	4	
6	1:14	4	
7	1:19	5	
8	1:24	5	
9	1:28	4	
2720	32	4	
1	36	4	
2	41	5	Conn.
3	45	5	
4	56	5	
5	4:02	6	
6	06	4	
7	11	5	
8	16	5	
9	20	4	
2730	23	3	
1	24	1	
2	26	2	
3	27	1	
4	28	1	
5	30	2	
6	31	1	
7	33	2	
8	35	2	
9	38	3	
2740	39	1	
1	40	1	
2	43	3	
3	46	3	
4	49	3	
5	53	4	
6	56	3	
7	5:01	5	
8	05	4	
9	08	3	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
2750	11	12	4
1	17	5	
2	22	5	
3	26	4	Conn.
4	30	4	
5	34	4	
6	37	3	
7	39	2	
8	43	4	
9	45	2	
2760	48	3	Jetrain water off pits
1	52	3	
2	17	2	
3	20	3	
4	23	3	
5	26	3	
6	29	3	
7	32	3	
8	36	4	
9	40	4	
2770	43	3	
1	46	3	
2	49	3	
3	50	1	
4	51	1	
5	53	2	
6	55	2	
7	57	2	
8	59	2	Mix Mud
9	7:01	2	
2780	04	3	
1	07	3	
2	12	5	
3	17	5	
4	23	6	
5	27	4	Conn. Ser. Rig
6	49	5	
7	54	5	
8	59	5	
9	8:03	4	
2790	08	5	
1	12	4	
2	16	4	
3	20	4	
4	23	3	
5	27	4	
6	31	4	
7	34	3	
8	38	4	
9	41	3	
2800	44	3	
1	47	3	

15-141-20278-00-00

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

ORIGINAL

DATE

DEPTH	TIME O'CLOCK	MIN.	REMARKS
2800	8:47		
1	50	3	
2	53	3	
3	57	4	
4	9:00	3	
5	04	4	
6	08	4	
7	13	5	
8	15	2	
9	18	3	
2810	20	2	
1	21	1	
2	23	2	
3	26	3	
4	27	1	
5	29	2	
6	31	2	Conn.
7	40 41	1	
8	43	2	
9	46	3	
2820	49	3	
1	50	1	
2	52	2	
3	54	2	
4	56	2	
5	59	3	
6	10:03	4	
7	07	4	
8	09	2	
9	11	2	
2830	14	3	
1	19	5	
2	22	3	
3	25	3	
4	28	3	
5	32	4	
6	37	5	
7	41	4	
8	45	4	
9	50	5	
2840	54	4	
1	58	4	
2	11:01	3	
3	04	3	
4	07	3	
5	12	5	
6	17	5	
7	21	4	Conn.
8	29 32	3	
9	37	5	
2850	41	4	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
2850	41		
1	43	2	
2	44	1	
3	45	1	
4	46	1	
5	47	1	
6	49	2	
7	51	2	
8	53	2	
9	56	3	
2860	12:00	4	
1	03	3	
2	05	2	
3	08	3	
4	10	2	
5	12	2	
6	13	1	
7	14	1	
8	16	2	
9	19	3	
2870	22	3	
1	25	3	
2	27	2	
3	30	3	
4	34	4	
5	36	2	
6	38	2	
7	40	2	
8	44	4	Conn.
9	48 51	3	
2880	54	3	
1	58	4	
2	1:02	4	
3	05	3	
4	09	4	
5	14	5	
6	18	4	
7	22	4	
8	27	5	
9	31	4	
2890	36	5	
1	41	5	
2	46	5	
3	51	5	
4	56	5	
5	2:02	6	
6	08	6	
7	14	6	
8	19	5	
9	23	4	
2900	26	3	

COMPANY SHIELDS OIL PROD FARM BECKER WELL NO. 2

SEC. TWP. RGE. LOC. COUNTY CHERRY STATE KANS

CONTRACTOR SHIELDS OIL & CO SIZE HOLE 7 1/8 DRILL PIPE 4 1/2

REMARKS: SIZE PUMP LINERS 6 LENGTH STROKE 14

ORIGINAL

DATE

DEPTH	TIME O'CLOCK	MIN.	REMARKS
2900	26		
1	31	5	
2	37	6	
3	43	6	
4	48	5	
5	54	6	
6	3:00	6	
7	05	5	
8	10	5	
9	16	6	Conn Riv
2910	30		
1	34	4	
2	38	4	
3	41	3	
4	43	2	
5	46	3	
6	48	2	
7	51	3	
8	54	3	
9	57	3	
2920	6:01	4	
1	06	5	
2	11	5	
3	16	5	
4	18	2	
5	21	3	
6	23	2	Hopper open
7	26	3	
8	28	2	
9	31	3	
2930	33	2	
1	37	4	
2	42	5	
3	46	4	
4	50	4	
5	53	3	
6	58	5	
7	5:03	5	
8	09	6	
9	13	4	
2940	17	4	
1	21	4	Conn
2	25	4	
3	35	5	
4	40	5	
5	44	4	
6	48	4	
7	52	4	
8	56	4	
9	6:00	4	
2950	04	4	
1	08	4	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
2950	6:08		
1	11	3	
2	15	4	
3	18	5	Hopper closed
4	22	4	
5	25	3	
6	29	4	
7	32	3	
8	36	4	
9	39	3	
2960	43	4	
1	48	5	
2	50	6	
3	58	4	
4	7:03	5	
5	07	4	
6	12	5	
7	16	4	
8	20	4	
9	24	4	
2970	27	3	Conn
1	32	4	
2	42	6	
3	47	5	
4	52	5	
5	57	5	
6	8:02	5	
7	08	6	
8	11	3	
9	14	3	
2980	17	3	
1	25	8	
2	33	8	
3	42	9	
4	48	6	
5	54	6	
6	9:00	6	
7	07	7	V.S 67 WT 9.8
8	14	7	WT. 11.0
9	20	6	
2990	26	6	
1	32	6	
2	38	6	
3	44	6	
4	49	5	
5	53	4	
6	57	4	
7	10:01	4	
8	06	5	
9	10	4	
3000	14	4	

30
60

2977
1804
-1173

COMPANY Shields Oil Producers FARM *Pratt* WELL NO. 2
 SEC. TWP. RGE. LOC. COUNTY *Pratt* STATE *Ks.*
 CONTRACTOR Shields Drilling Co. SIZE HOLE *2 7/8"* DRILL PIPE *4 1/2"*
 REMARKS: SIZE PUMP LINERS LENGTH STROKE *14"*

ORIGINAL

DATE	DEPTH	TIME O'CLOCK	MIN.	REMARKS
	3000	10:14		
	1	19	5	Conn
	2	23 28	5	
	3	35	7	
	4	43	8	
	5	49	6	
	6	56	7	
	7	11:01	5	
	8	07	6	
	9	12	5	
	3010	18	6	
	1	24	6	
	2	28	4	
	3	31	3	
	4	34	3	
	5	38	4	
	6	42	4	
	7	46	4	
	8	48	2	
	9	51	3	
	3020	53	2	VIS-57 WT-9.11
	1	55	2	LOM-0 WL-12.0
	2	58	2	
	3	12:00	2	
	4	03	3	
	5	05	2	
	6	07	2	
	7	09	2	
	8	11	2	
	9	14	3	
	3030	16	2	
	1	18	2	Conn. Serv. rig
	2	36 41	5	
	3	47	6	
	4	53	6	
	5	59	6	
	6	1:06	7	
	7	12	6	
	8	18	6	
	9	24	6	
	3040	26	2	
	1	28	2	
	2	30	2	
	3	32	2	
	4	34	2	
	5	36	2	
	6	37	1	
	7	39	2	
	8	45	6	
	9	50	5	
	3050	53	3	Start Wet & dry smples

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3050	1:52		
	2:02	9	
1	09	7	
2	16	7	
3	22	6	
4	27	5	
5	32	5	
6	37	5	
7	42	5	
8	46	4	
9	53	7	
3060	53	7	
1	3:00	7	
2	04	4	Conn.
3	09:14	5	
4	20	6	
5	25	5	
6	29	4	
7	33	4	
8	37	4	
9	43	6	
3070	49	6	Wake Geol
1	57	8	
2	1:00	8	
3	14	9	
4	22	8	
5	30	8	
6	38	8	
7	45	7	
8	53	8	
9	58	5	
3080	1:04	6	
1	09	5	
2	10	1	
3	11	1	
4	5		} 1/2 min
5	2		
6	11 1/2		} Lost Circ
7			
8	5 1/2	3 1/2	
9	54 1/2	3	VIS-44 - WT-9.5
3090	57 1/2	3	LOM-2# - WL-12.0
1			CFS@3090 DST #1
2			17' Anchor
3			Conn.
4			
5			
6			
7			
8			
9			
3100			

10
1
2
3
4
5
6
7
8
9

 smples

15-141-20278-00-00

FRANCIS C. WHISLER
CERTIFIED PETROLEUM GEOLOGIST
AAPG and APGS
RUSSELL, KANSAS 67665



SHIELDS OIL PRODUCERS, INC.
Russell, Kansas

GEOLOGICAL REPORT

BECKER No. 2

NE SE NW Sec. 9

T 10 S, R 12 W

Osborne County, Kansas

Sept. 27, 1993

RECEIVED
STATE CORPORATION COMMISSION
OCT 14 1993
CONSERVATION DIVISION
Wichita, Kansas

SHIELDS OIL PRODUCERS, INC.

P. O. Bos 709
Russell, Kansas

Geological Report: Becker No. 2
NE SE NW of Sec. 9, 10 s, 12 w
Osborne County, Kansas

Contractor: Shields Drilling Co., Inc.

Drilling Commenced: Sept. 20, 1993

Drilling Completed: Sept. 25, 1993

Casing Record: 8 5/8" surface casing set at 230' with
150 sacks cement.

Samples: Saved and examined from 2650' to 3090',
RTD. Zones of interest are described in
this report.

Drilling Time: Recorded and plotted from 2650' to 3090',
RTD. A copy of the drilling time/lithology
log is included with this report.

Electric Logs: None

Drillstem Tests: 1 by Swift Formation Testers

Elevations: Kelly Bushing: 1804'
Ground Level: 1799'
Measurements From: K.B.

Formations:	Depths:	Datums:
Anhydrite	888	+ 916
Howard Lime	2701	- 897
Topeka Lime	2739	- 935
Heebner Shale	2977	-1173
Toronto Lime	3000	-1196
Lansing-Kansas City	3031	-1227
"C" Zone	3081	-1277
Total Depth	3090	-1286

Lithology; zones of interest & test data:

Lansing-Kansas City:

3047-3054: LS-white, gray, buff, dense with trace of light oil stain.
Lower A No free oil or odor and no porosity. No value.

3059-3070: LS-white, buff, dense and very cherty with trace of pin
B zone hole porosity. Trace of stain. No value.

3081-3090: DOL- white to some clear, dense with mostly coarse crys-
C zone talline and rhombic. Some white oolitic and oolitic lime. Some pyritic dolomite. Good porosity and barren porosity. Scattered oil stain, poor saturation, slight show of free gassy oil and odor. Tested by drillstem test #1.

DRILLSTEM TEST No. 1: 3073 to 3090: 15-45-45-45 with very good blow,
off bottom of bucket in 1 min.

Recovery: 1920' of muddy salt water
IFP: 471-723
IBHP: 949
FFP: 857-949
FBHP: 949

Remarks & Recommendations:

The following table compares the Becker #2 with the Becker #1 (a dry hole) and with the Sigle #2 (a good oil producer):

	Becker #2	Becker #1	Sigle #2
	NE SE NW	SW NW NE	NE SW NE
	Sec. 9	Sec. 9	Sec. 9
Anhydrite	+ 916	+ 937	+ 943
Heebner	-1173	-1173	-1165
Lansing	-1227	-1228	-1225
"C" zone	-1277	-1280	-1272

You will note from the foregoing table that the Becker #2 was higher than the Becker #1 but lower than the Sigle #2. Also, the Becker #2 was lower than the other three producing wells in the pool. The big change, however, was the complete lithologic change in the samples from the C zn. The C zone (pay zone) was composed primarily of crystalline, porous dolomite where the zone on the producing wells was composed of oolitic lime. The dolomite was full of water as was evidenced by the drillstem test. It was decided that the Becker #2 should be plugged and abandoned.

Respectfully submitted;

Francis C. Whisler

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STATE CORPORATION COMMISSION

OCT 14 1993

CONSERVATION DIVISION
Wichita, Kansas