

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: Randall Kilian

Designate Type of Completion

New Well Re-Entry Workover

Oil SMD Temp. Abd.
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply, etc.)

If OWM: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:

Mud Rotary Air Rotary Cable

7-23-91 7-28-91 7-28-91
Spud Date Date Reached TD Completion Date

API NO. 15- 141-20,264-00-00

County Osborne

SE NW SW Sec. 13 Twp. 10 Rge. 12 East West

1650 Ft. North from Southeast Corner of Section

4290 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

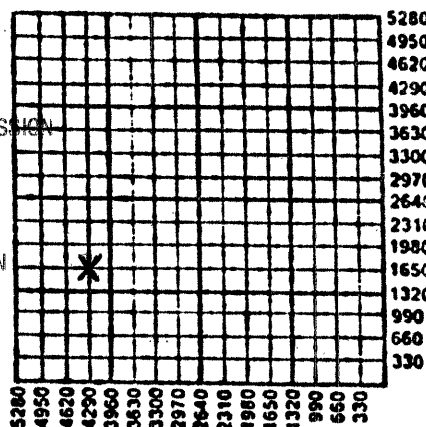
Lease Name Luerman Well # 1

Field Name Wildcat

Producing Formation None

Elevation: Ground 1684 KB 1689

Total Depth 2984 PBDT _____



RECEIVED
STATE CORPORATION COMMISSION

AUG 19 1991

OSBORNE COUNTY
WICHITA, KANSAS

Amount of Surface Pipe Set and Cemented at 218 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.

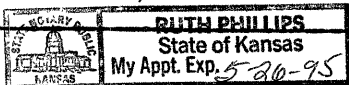
Signature M. L. Ratts

Title Production Supt Date 7-30-91

Subscribed and sworn to before me this 30th day of July, 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 SMD/Rep NGPA
 KGS Plug Other (Specify)

SIDE TWO

Operator Name Shields Oil Producers, Inc. Lease Name Luerman Well # 1
 Sec. 13 Twp. 10 Rge. 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.)

D.S.T. #1 2930-2961 Times: 30-30-30-30
 Rec. 5' Mud

I.H.P. - 1577 F.F.P. - 32-32
 I.F.P. - 32-32 F.S.I.P. - 195
 I.S.I.P. - 456 F.H.P. - 1561

Formation Description

Log Sample

Name	Top	Bottom
Anhydrite	701	734
Tarkio Lm	2348	2376
Topeka Lm	2628	2863
Heebner Sh	2863	2867
Toronto Lm	2884	2900
L- KC Lm.	2920	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	218	Quickset	145	

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 _____

COMPANY Shields Oil Prod FARM Luerman WELL NO. 1
 SEC. TWP. RGE. LOC. COUNTY Osborne STATE KS
 CONTRACTOR Shields Oil Prod 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
2300	3:54 1/2		
1	55	1/2	
2	56	1	
3	56 1/4	1/4	
4	57	3/4	
5	58	1	
6	4:00	2	
7	02	2	
8	05	3	
9	07	2	
2310	08	1	
1	10	2	
2	12	2	
3	14	2	
4	16	2	conn
5	20 22	2	
6	24	2	
7	26	2	
8	28	2	
9	29	1	
2320	31	2	
1	33	2	
2	35	2	
3	37	2	
4	38	1	
5	40	2	
6	42	2	
7	43	1	
8	45	2	
9	47	2	
2330	49	2	
1	51	2	
2	53	2	
3	55	2	
4	57	2	
5	59	1	
6	5:00	2	
7	01	1	
8	02 1/2	1 1/2	
9	04	1 1/2	
2340	05	1	
1	06	1	
2	08	2	
3	09	1	
4	11	2	
5	12	1	
6	13	1	conn
7	18 19	1	
8	20	1	
9	21	1	
2350	24	3	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
2350	5:24		
1	27	3	
2	30	3	
3	32	2	
4	34	2	
5	37	3	
6	41	4	
7	44	3	
8	47	3	
9	51	4	
2360	55	4	
1	6:00	5	
2	03	3	
3	07	4	
4	11	4	
5	14	3	
6	16	2	
7	19	3	
8	22	3	
9	26	4	
2370	29	3	
1	32	3	
2	35	3	
3	37	2	
4	39	2	
5	41	2	
6	43	2	
7	45	2	conn jet
8	52 56	1	
9	58	2	
2380	7:00	2	
1	01	1	
2	02	1	
3	05	3	
4	08	3	
5	10	2	
6	11	1	
7	12	1	
8	13	1	
9	14	1	
2390	16	2	
1	18	2	
2	21	3	
3	22	1	
4	24	2	
5	25	1	
6	27	2	
7	29	2	
8	30	1	
9	32	2	
2400	34	2	

COMPANY Shields Oil Prod FARM Loerger WELL NO. 1
 SEC. TWP. .RGE. LOC. COUNTY Osage STATE Ks
 CONTRACTOR Shields Drilling Co SIZE HOLE 7 7/8 DRILL PIPE 4 1/2
 REMARKS: SIZE PUMP LINERS 10 LENGTH STROKE 14

DATE

DEPTH	TIME O'CLOCK	MIN.	REMARKS
2400	7:34		
1	35	1	
2	36	1	
3	38	2	
4	39	1	
5	40	1	
6	42	2	
7	43	1	conn
8	47 48	1	
9	50	2	
2410	51	1	
1	52	1	
2	53	1	
3	55	2	
4	56	1	
5	58	2	
6	8.03	5	
7	07	4	
8	12	5	
9	14	2	
2420	17	3	
1	20	3	
2	23	3	
3	26	3	
4	29	3	
5	32	3	
6	35	3	
7	38	3	
8	41	3	
9	44	3	
2430	46	2	
1			
2			
3			
4			
5			
6			
7			
8			
9			
2440			
1			
2			
3			
4			
5			
6			
7			
8			
9			
2450			

DEPTH	TIME O'CLOCK	MIN.	REMARKS
2450			
1			
2			
3			
4			
5			
6			
7			
8			
9			
2460			
1			
2			
3			
4			
5			
6			
7			
8			
9			
2470			
1			
2			
3			
4			
5			
6			
7			
8			
9			
2480			
1			
2			
3			
4			
5			
6			
7			
8			
9			
2490			
1			
2			
3			
4			
5			
6			
7			
8			
9			
2500			

COMPANY Shields Oil Prod. FARM Lurman WELL NO. #1
 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"

DATE

DEPTH	TIME O'CLOCK	MIN.	REMARKS
2600	13	3	
2	16	3	
3	20	4	
4	23	3	
5	26	3	
6	30	4	
7	33	3	
8	36	3	
9	40	4	
2610	43	3	
1	47	4	
2	50	3	
3	54	4	
4	58	4	
5	11:00	2	
6	02	2	
7	04	2	
8	05	1	
9	07	2	
2620	08	1	
1	11	1	
2	12	1	
3	14	1	
4	17	1	Conn
5	17:48	1	
6	19	1	
7	20	1	
8	21	1	Topeka-939
9	22	2	
2630	25	2	
1	29	3	
2	30	2	
3	34	4	
4	38	4	
5	42	2	
6	47	3	
7	50	4	
8	51	4	
9	55	4	
2640	59	4	
1	5:02	3	
2	05	3	
3	08	3	
4	11	3	
5	14	3	
6	17	3	
7	19	2	
8	23	4	
9	27	4	
2650	30	3	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
2650	31	3	
2	34	3	
3	37	4	
4	40	3	
5	43	3	Top Jet
6	46	3	
7	49	3	
8	51	2	
9	54	1	
2660	57	1	
1	10	1	
2	12	2	
3	14	2	
4	15	2	
5	17	1	
6	20	3	
7	23	2	
8	27	4	
9	31	4	mix mud
2670	36	5	
1	40	4	
2	44	11	
3	49	5	
4	53	4	
5	58	5	
6	02	4	
7	07	5	
8	12	5	
9	16	4	
2680	21	5	
1	25	11	
2	30	5	
3	33	2	
4	37	11	
5	41	4	
6	45	4	Conn. Rig / CLEAN PUMP SCREEN
7	47	4	
8	50	3	
9	04	4	
2690	05	2	
1	16	4	
2	21	5	
3	25	4	
4	27	2	
5	29	2	
6	32	2	
7	33	1	
8	35	2	
9	36	1	
2700	37	1	

COMPANY *Shields Oil* FARM *...* WELL NO. *1*
 SEC. *...* TWP. *...* RGE. *...* LOC. *...* COUNTY *...* STATE *Kans*
 CONTRACTOR *...* SIZE HOLE *7 1/8* DRILL PIPE *4 1/2*"
 REMARKS: SIZE PUMP LINERS *6*" LENGTH STROKE *14*"

DATE

DEPTH	TIME O'CLOCK	MIN.	REMARKS
2700	7		
1	38	1	Mix Mudd
2	39	1	
3	40	1	
4	42	2	
5	45	3	
6	48	3	
7	50	2	
8	52	2	
9	54	2	
2711	56	2	
	59	3	
	9:04	5	
	08	4	
	10	2	
	12	2	
	14	2	
	18	4	Conn
	23 25	2	
	28	3	
2721	30	2	
	32	3	
	34	3	
	37	3	
	41	2	
	44	3	
	47	3	
	50	3	
	53	3	
	55	2	
2731	58	3	
	10:01	3	
	05	4	
	08	3	
	12	4	
	15	3	
	17	5	
	18	1	
	19	1	
	20	1	
274	21	1	
	23	2	
	24	1	
	25	1	
	27	2	
	29	2	
	32	3	
	35	3	
	38	3	
	42	4	CONN
2750	46 49	3	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
2700	10:49		
1	52	3	MIX MUD
2	55	3	
3	57	2	
4	11:00	3	
5	03	3	
6	07	4	
7	10	3	
8	14	4	
9	17	5	
2712	24	5	
	28	4	
	32	4	
	37	5	
	42	5	
	47	5	
	52	5	
	55	3	
	59	4	
	12:03	4	
2717	07	4	
	11	4	
	17	6	
	24	7	
	29	5	
	34	5	
	39	5	
	44	5	
	48	4	
	53	5	Conn
278	11:04 06	4	
	12	4	
	17	5	
	20	3	
	22	2	
	25	3	
	31	6	
	36	5	
	40	4	
	43	3	
279	47	4	
	51	4	
	56	5	
	7:02	6	
	06	4	
	10	4	
	14	4	
	18	4	
	21	3	
	24	3	
280	28	4	

15-141-20264-00-00

ORIGINAL

COMPANY Shields Oil Prod. FARM Luceman WELL NO. # 1
 SEC. TWP. .RGE. LOC. COUNTY Oshome 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
2800	28		
1	31	3	
2	35	4	
3	40	5	
4	44	4	
5	48	4	
6	51	3	
7	55	4	
8	58	3	
9	2:00	2	
2810	03	3	Conn. orig. pipe
1	19	3	
2	28	6	
3	32	4	
4	37	5	
5	41	4	
6	45	4	
7	48	3	
8	51	3	
9	53	2	
2820	55	2	
1	59	4	
2	4:01	2	
3	04	3	
4	08	4	
5	10	2	
6	12	2	
7	16	4	
8	19	3	
9	22	3	
2830	25	3	
1	28	3	
2	30	2	
3	33	3	
4	35	2	
5	37	2	
6	39	2	
7	41	2	
8	42	1	
9	44	2	
2840	45	1	
1	47	2	conn
2	51	2	
3	56	3	
4	58	2	
5	5:01	3	
6	05	4	
7	09	4	
8	12	3	
9	14	2	
2850	16	2	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
2850	16		
1	18	2	
2	20	2	
3	21	1	
4	23	2	
5	25	2	
6	28	3	
7	31	3	
8	35	4	
9	38	3	
2860	42	4	
1	47	5	
2	51	4	
3	56	5	
4	58	2	
5	6:00	2	
6	03	3	
7	07	6	
8	17	8	
9	21	4	
2870	24	3	VIS 39 w/ 13, 2 w/ 97
1	27	3	10m 1#
2	30	3	conn
3	34	2	
4	39	3	
5	42	3	
6	45	3	
7	49	4	
8	52	3	
9	55	3	
2880	58	3	
1	7:00	2	
2	03	3	
3	05	2	
4	08	3	
5	11	3	
6	14	3	
7	18	4	
8	22	4	
9	24	2	
2890	27	3	
1	29	2	
2	33	4	
3	37	4	
4	40	3	
5	42	2	
6	45	3	
7	50	5	
8	53	3	
9	56	3	
2900	58	2	

15-141-20264-00-00

ORIGINAL

COMPANY Shields Oil Prod FARM L...man WELL NO. 1

SEC. TWP. RGE. LOC. COUNTY O... STATE KS

CONTRACTOR Shields Oil Co SIZE HOLE 7 7/8 DRILL PIPE 4 1/2

REMARKS: SIZE PUMP LINERS '0 LENGTH STROKE 14

Hb-2863-1174 +2'

LKc-1233

DATE

DEPTH	TIME O'CLOCK	MIN.	REMARKS
1	7:58	2	
2	8:00	4	
3	04	4	conn
4	08	3	
5	12	4	
6	15	3	mix mud
7	19	3	
8	22	3	
9	25	3	
2910	28	3	
1	31	2 1/2	
2	34	2 1/2	
3	36 1/2	3	
4	39	3	
5	42	2 1/2	
6	45	3	
7	47 1/2	3	
8	50 1/2	2 1/2	
9	53	3	
2920	56	2 1/2	
1	59	3	
2	01 1/2	4 1/2	flat
3	04 1/2	4	
4	07 1/2	6	
5	09 1/2	5	
6	13	5	
7	19	4	
8	24	6	
9	29	4	
2930	33	4	
1	34	5	
2	39	3	
3	43	2	
4	47	2	conn
5	01	2	
6	04	3	
7	07	5	
8	10	6	
9	14	3	
2940	20	6	
1	23	6	
2	29	5	
3	34	7	
4	41	6	
5	47	5	VIS 40 w/1-108 w/1-97
6	52	5	LCM 1"
7	57	6	
8	11:03	5	
9	08	5	
2950	13	4	
1	17	4	
2	22	5	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
1	11:22	3	
2	25	6	
3	31	6	
4	37	8	
5	45	4	
6	49	3	
7	52	3	
8	55	3	
9	12:00	5	
2960	07	7	
1	13	5 1/2	CFS
2	18 1/2	4	
3	26	5	
4	31	5	
5	36	5	Conn
6	41	4	
7	47	6	
8	51	5	
9	57	4	
2970	12:02	4	
1	07	3	
2	11	4	
3	14	4	
4	18	4	
5	22	4	
6	26	2	
7	28	1	
8	29	1	
9	30	1 1/2	CFS vis 41 w/1-9.8
2980	1/2	1 1/2	w/1-14.2 LCM 1"
1	31	1 1/2	
2	33	1 1/2	
3	34	1 1/2	
4	36	2	RTD
5			
6			
7			
8			
9			
2990			
1			
2			
3			
4			
5			
6			Conn.
7			
8			
9			
3000			