

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: Koch Oil

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 SWD Temp. Abd.

Gas Inj Delayed Comp.

Dry Other (Core, Water Supply, etc.)

If OWD: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:

Mud Rotary Air Rotary Cable

4-19-90 4-28-90 5-21-90

Spud Date Date Reached TD Completion Date

API NO. 15- 051-24,643 - 00-00

County Ellis

SE NW SW Sec. 20 Twp. 11 Rge. 19 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.)

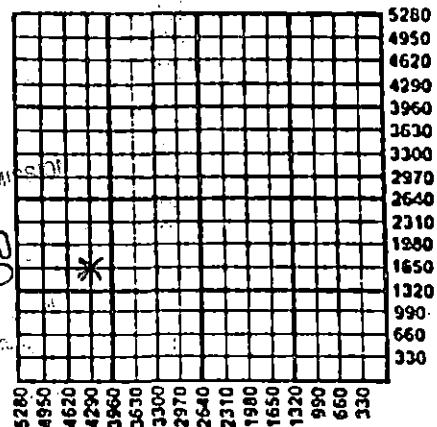
Lease Name Greathouse Well # 2

Field Name Zerfas

Producing Formation Kansas City

Elevation: Ground 1965 KB 1970

Total Depth 3545 PBTD 3280



Amount of Surface Pipe Set and Cemented at 209 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 3537

feet depth to Surface w/ 450 sx cnt.

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STATE CORPORATION COMMISSION
MAY 30 1990
WICHITA, KANSAS

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 5-25-90

Subscribed and sworn to before me this 25th day of May, 19 90.

Notary Public Luah 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)

Form ACO-1 (7-89)

NS 10-20-15

SIDE TWO

Operator Name Shields Oil Producers, Inc. Lease Name Greathouse Well # 2
 Sec. 20 Twp. 11 Rge. 19 East West County Ellis

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 (Attach Additional Sheets.) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run (Submit Copy.) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<p style="text-align: center;">Formation Description</p> <input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample <table border="1" style="width:100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="width:50%;">Name</th> <th style="width:25%;">Top</th> <th style="width:25%;">Bottom</th> </tr> </thead> <tbody> <tr> <td>Anhydrite</td> <td>1320</td> <td>1360</td> </tr> <tr> <td>Topeka Lm</td> <td>2954</td> <td>3174</td> </tr> <tr> <td>L-KC Lm</td> <td>3214</td> <td>3436</td> </tr> <tr> <td>Simp. Sd.</td> <td>3504</td> <td>3510</td> </tr> <tr> <td>Rew. Arb.</td> <td>3524</td> <td>3532</td> </tr> <tr> <td>Arbuckle</td> <td>3532</td> <td>RTD</td> </tr> </tbody> </table>	Name	Top	Bottom	Anhydrite	1320	1360	Topeka Lm	2954	3174	L-KC Lm	3214	3436	Simp. Sd.	3504	3510	Rew. Arb.	3524	3532	Arbuckle	3532	RTD
Name	Top	Bottom																				
Anhydrite	1320	1360																				
Topeka Lm	2954	3174																				
L-KC Lm	3214	3436																				
Simp. Sd.	3504	3510																				
Rew. Arb.	3524	3532																				
Arbuckle	3532	RTD																				

CASING RECORD 8 5/8 <input checked="" type="checkbox"/> New <input checked="" type="checkbox"/> Used 5 1/2 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	209	Quickset	160	
Production	7 7/8	5 1/2	14	3535	60-40 Poz Common	350 100	
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			Depth			(Amount and Kind of Material Used)
4	3504-3508			500 - 15%			3508
4	3293-3297			1000 - 15% and 2000 28%			3297
4	3249-3252			500-15% and 1500 - 28%			3252
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Size	Set At	Packer At					
2"	3245	None					
Date of First Production	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)						
5-25-90							
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio		Gravity	
	50	0	0			32	

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

METHOD OF COMPLETION

Open Hole Perforation Dually Completed Commingled

Other (Specify) _____

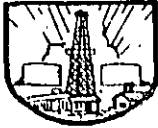
Production Interval
3249
3252

ORIGINAL

Shields

OIL PRODUCERS, INC.

R. L. SHIELDS, President



Russell, Kansas

FORM ACO-1 DRILL STEM TESTS

SHIELDS OIL PRODUCERS, INC. LEASE Greathouse #2

D.S.T. #1 3248-3300 Times: 30-30-45-60

I.H.P. 1860 I.F.P. 151-269 I.S.I.P. 866

F.F.P. 286-336 F.S.I.P. 891 F.H.P. 1805

Recovery: 240' Muddy Oil and 460' Clean Oil

D.S.T. #2 3504-3519 Times: 30-30-60-60

I.H.P. 1813 I.F.P. N/A I.S.I.P. 782

F.F.P. 42-51 F.S.I.P. 698 F.H.P. 1790

Recovery: 15' Oil and 60' Oil cut mud

D.S.T. #3 3519-3531 Times: 30-30-30-30

I.H.P. 1822 I.F.P. 16-16 I.S.I.P. 55

F.F.P. 16-16 F.S.I.P. 24 F.H.P. 1805

Recovery: 10' Mud

D.S.T. #4 3518-3537 Times: 30-45-60-60

I.H.P. 1847 I.F.P. 36-36 I.S.I.P. 606

F.F.P. 36-36 F.S.I.P. 480 F.H.P. 1831

Recovery: 30' Mud w/few oil specks

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:

RECEIVED THE CONSERVATION COMMISSION

MAY 30 1990

CONSERVATION DIVISION
Wichita, Kansas

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. No. 10006

Home Office P. O. Box 31

Russell, Kansas 67665

New

Date	4-28-90	Sec.	20	Twp.	11	Range	19	Called Out		On Location		Job Start	12:45 AM	Finish	2:00 AM
Case	Greathouse	Well No.	2	Location	Yocema to I 10 12 N			County	Ellis	State	Ks				
Contractor	Shield, Dtg							Owner	2 WIS KE						
Type Job	Production String							To Allied Cementing Co., Inc. You are hereby requested to rent cementing equipment and furnish cement and helper to assist owner or contractor to do work as listed.							
Core Size	7 1/8	T.D.	3537												
sg.	32	Depth	3535												
Log Size		Depth													
Drill Pipe		Depth													
Tool		Depth													
Cement Left in Csg.		Shoe Joint	21												
Press Max.		Minimum													
Leas Line		Displace													
Ref.															

EQUIPMENT

Emptrk	No.	Cementer	Driver
	153	Helper	
Emptrk	No.	Cementer	
		Helper	
Emptrk	6-8	Driver	
Emptrk	2-2	Driver	

DEPTH of Job

Reference:	DUMD trk city	
	1.100 ft. pipe	
	52 Rubber Plug	
		Sub Total
		Tax
		Total

Remarks: Plug. Ratio OK 15 ft
 mouse hole wash
 FLOOR
 STATE CORPORATION COMMISSION
 Floor Hgt 1990
 CEMENT Co
 CONSERVATION DIVISION
 Wichita, Kansas

Charge To	Shield, D.T. Production
Street	Shield, Dtg
City	Russell
State	Ks 67665
The above was done to satisfaction and supervision of owner agent or contractor.	
Purchase Order No.	
X	Kurston Books
	CEMENT 10000 2552
Amount Ordered	725 1/2 W. and 1/4 E. Russell
Consisting of	
Common	
Poz. Mix	
Gel.	
Chloride	
Quickset	
	Production
Handling	
Mileage	
	Sales Tax
	Sub Total
	Total
Floating Equipment	52
	7 Cementing
	1 Guide Shoe
	1 ASH Insert
	2 Baskets

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

ORIGINAL

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

ALLIED CEMENTING CO., INC. No. 10123

Home Office P. O. Box 31

Russell, Kansas 67665

ate	4-19-90	Sec. 20	Twp. 11	Range 19	Called Out 1:00 PM	On Location 3:30 PM	Job Start 6:30 PM	Finish 7:00 PM
Case	Gravel house	Well No. # 2	Location			YOCEMENTO X F 70 12 1/2 N 2 W 1/4 E 17. S		County Kansas
Contractor	Shields Oil & Gas Co. Big			Owner SAME				
Type Job	SURFACE			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.				
Cable Size	12 1/2	T.D. 212'			Charge To Shields Oil Producers, Inc.			
Cable Size	8 1/2	Depth 209'			Street			
Cable Size		Depth			City			
Cable Size		Depth			State			
Cement Left in Csg.	15'	Shoe Joint			The above was done to satisfaction and supervision of owner agent or contractor.			
Press Max.		Minimum			Purchase Order No.			
Gas Line	Yes	Displace			X Burton Beery			
CEMENT								
Amount Ordered 160 SKS 60/40 Poz 3% cc 2% Gel								
Consisting of								
Common								
Poz. Mix								
Gel.								
Chloride								
Quickset								
<i>Surface</i>								
Sales Tax								
Handling								
Mileage								
Sub Total								
Total								
Floating Equipment								

EQUIPMENT

# 177 No.	Cementor	M KAUFMAN
mpk	Helper	Will H.
No.	Cementor	
mpk	Helper	
# 155	Driver	Ed K
alkrk	Driver	

DEPTH of Job

Reference #	PUMP TRK	
	1.8" Rubber plug	
	Sub Total	
	Tax	
	Total	

Remarks: Cement Circulated
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 STATE CONSERVATION COMMISSION
 1990

CONSERVATION DIVISION
 Wichita, Kansas

Thank you

ORIGINAL

COMPANY Shields Oil Prod

FARM Greathouse

WELL NO. 2

SEC. TWP. RGE. LOC.

COUNTY Ellis

STATE Ks

CONTRACTOR Shields Drlg 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
1275	8:26		
6	27	1	
7	28	1	
8	29	1	
9	30	1	
1280	31 1/2	1 1/2	
1	33	1 1/2	
2	34	1	
3	35	1	conn - jet
4	31 52	1	
5	53	1	
6	54	1	
7	55	1	
8	56	1	
9	57	1	
1290	58	1	
1	59	1	
2	59 1/2	1/2	
3	9:00	1/2	
4	1:00 1/2	1/2	
5	10:1 1/2	1	
6	03	1 1/2	
7	04	1	
8	05 1/2	1 1/2	
9	07	1 1/2	
1300	08	1	
1	09	1	
2	11	2	
3	12	1	
4	13	1	
5	14 1/2	1 1/2	
6	16	1 1/2	
7	17	1	
8	18	1	
9	20	2	
1310	21	1	
1	22	1	
2	23 1/2	1 1/2	
3	25	1 1/2	
4	26	1	conn
5	30 31	1	
6	33	2	
7	35	2	RECEIVED CORRELATION COMMISSION
8	36	1	
9	37	1	MAY 30 1990
1320	38	1	
1	41	3	CONSERVATION DIVISION Wichita, Kansas
2	43	2	
3	46	3	
4	48 1/2	3 1/2	
1325	51	2 1/2	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
1275	9:51		
6	54	3	
7	56	2	
8	58 1/2	2 1/2	
9	10:01	2 1/2	
1330	04	3	
1	06	2	
2	09	3	
3	11	2	
4	14	3	
5	16	2	
6	19	3	
7	22	3	
8	24	2	
9	27	3	
1340	30	3	
1	32 1/2	2 1/2	
2	35	2 1/2	
3	38	3	
4	41	3	
5	44	3	conn
6	56 52	3	
7	11:01	3	
8	04	3	
9	07	3	
1350	10	3	
1	14	4	
2	17	3	
3	20	3	
4	23	3	
5	26	3	
6	29	3	
7	32	3	
8	35	3	
9	38	3	
1360	41	3	
1	43	2	
2	46	3	
3	47 1/2	1 1/2	
4	48 1/2	1	
5	50	1 1/2	
6	52	2	
7	53	1	
8	44	1	
9	55	1	
1370	56	1	
1	57	1	
2	58	1	
3	59	1	
4	12:01	2	
5	02	1	

COMPANY Shields Oil Prod. FARM Greenhouse WELL NO. 2
 SEC. TWP. RGE. LOC. COUNTY Ellis STATE Ks.
 CONTRACTOR Shields Drlg. 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
2900	4:35		
1	39	3	
2	41	2	
3	43	2	
4	47	4	
5	51	4	
6	55	4	
7	58	3	
8	5:00	2	
9	03	3	
2910	05	2	
1	07	2	
2	09	2	
3	11	2	
4	13	2	
5	14	1	
6	15	1	
7	17	2	
8	19	2	
9	22	3	
2920	24	2	
1	26	2	
2	29	3	
3	31	2	
4	33	2	Conn.
5	37 39	2	
6	40	1	
7	42	2	
8	44	2	
9	46	2	
2930	47	1	
1	49	2	
2	51	2	
3	55	4	
4	58	3	
5	6:01	3	
6	04	3	
7	07	3	
8	11	4	
9	14	3	
2940	17	3	
1	21	4	
2	25	4	
3	27	2	
4	29	2	
5	30	1	
6	31	1	
7	33	2	
8	34	1	
9	35	1	
2950	37	2	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
2950	6:31		
1	39	2	
2	40	1	
3	41	1	
4	42	1	
5	43	1	Conn. - Sen. Rig-
6	59 1:02	3	JET
7	06	4	
8	10	4	
9	13	3	
20:50	17	4	
1	20	3	
2	23	3	
3	27	4	
4	30	3	
5	33	3	
6	36	3	
7	39	3	
8	43	4	
9	47	4	
20:55	51	4	
1	54	3	
2	57	3	
3	8:01	4	
4	06	5	
5	09	3	
6	12	3	
7	16	4	
8	20	4	
9	23	3	
2980	25	2	
1	29	4	
2	31	2	
3	32	1	
4	33	1	
5	34	1	
6	35	1	Conn. - JET
7	40 49	1	
8	50	1	
9	51	1	
2990	53	2	Mix Mud
1	56	3	
2	59	3	
3	9:03	4	
4	06	3	
5	09	3	
6	13	4	
7	17	4	
8	19	2	
9	24	5	
3000	29	5	

RECEIVED
 CORPORATION
 MAY 30 1990
 CONSERVATION DIVISION
 Wichita, Kansas

COMPANY Shields Oil Prod. FARM Greathouse WELL NO. #2

SEC. TWP. RGE. LOC. COUNTY Ellis 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
3000	9:29		
1	33	4	Mix Mud
2	37	4	
3	40	3	
4	43	3	
5	47	4	
6	50	3	
7	54	4	
8	57	3	
9	10:02	5	
3010	07	5	
1	12	5	
2	16	4	
3	20	4	
4	23	3	
5	27	4	
6	31	4	
7	36	5	Conn.
8	40 44	4	
9	49	5	
3020	54	5	
1	59	5	
2	11:04	5	
3	08	4	
4	12	4	
5	14	2	
6	16	2	
7	19	3	
8	21	2	
9	24	3	
3030	28	4	
1	33	5	
2	37	4	
3	40	3	
4	43	3	
5	45	2	
6	47	2	
7	48	1	
8	49	1	
9	51	2	
3040	52	1	
1	54	2	
2	56	2	
3	57	1	
4	58	1	
5	59	1	
6	12:00	1	
7	01	1	STATE
8	02	1	Conn. - pump
9	16 17	1	Screen
3050	18	1	CONSERVATION Wichita, Kansas

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3050	12:18		
1	19	1	
2	22	3	
3	27	5	
4	31	4	
5	34	3	
6	36	2	
7	39	3	
8	43	4	
9	46	3	
3060	49	3	
1	53	4	
2	57	4	
3	1:01	4	
4	04	3	
5	08	4	
6	12	4	
7	16	4	
8	19	3	
9	23	4	
3070	27	4	
1	31	4	
2	35	4	
3	40	5	
4	45	5	
5	49	4	
6	53	4	
7	57	4	
8	2:01	4	
9	04	3	Conn.
3080	10 14	4	
1	18	4	
2	21	3	
3	25	4	
4	29	4	
5	33	4	
6	36	3	
7	40	4	
8	44	4	
9	47	3	
3090	51	4	
1	55	4	
2	58	3	
3	3:02	4	
4	06	4	
5	10	4	
6	14	4	
7	17	3	
8	21	4	
9	25	4	
3100	28	3	

COMPANY Shields Oil Prod. FARM Greathouse WELL NO# 2
 SEC. TWP. RGE. LOC. COUNTY Ellis 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
3100	3:28		
1	31	3	
2	34	3	
3	38	4	
4	40	2	
5	44	4	
6	47	3	
7	50	3	
8	55	5	
9	58	3	
3110	4:03	5	Commercial pump screen
1	22 22	2	mix mud
2	25	3	
3	28	3	
4	32	4	
5	36	4	
6	40	4	
7	44	4	
8	48	4	
9	54	6	
3120	5:00	2	
1	5:00	4	
2	03	3	
3	05	2	
4	07	2	
5	10	3	
6	14	4	
7	19	5	
8	24	5	
9	29	5	
3130	34	5	
1	40	6	
2	46	6	
3	51	5	
4	56	5	
5	6:03	7	
6	10	7	
7	15	5	
8	20	5	
9	25	5	
3140	29	4	
1	34	15	conn.
2	40 42	2	
3	46	4	
4	49	3	
5	53	4	
6	57	4	
7	7:01	4	
8	05	4	
9	10	5	
3150	15	5	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3150	15	6	
1	21	6	
2	25	4	
3	30	5	
4	35	5	
5	40	5	
6	44	4	
7	49	5	
9	53	4	
9	58	5	
3160	8:03	5	
1	08	5	
2	13	5	vis 47 w.l. - 11.8 wt 9.9
3	18	5	LCM 2#
4	22	4	
5	27	5	
6	31	4	
7	36	5	
8	42	6	
9	48	6	
3170	52	4	conn pump screen
1	9:00 05	5	
2	11	6	
3	16	5	
4	22	5	
5	27	5	
6	31	4	
7	33	2	
8	35	2	
9	40	5	
3180	46	6	
1	52	6	
2	10:00	8	
3	04	4	
4	08	4	
5	11	3	
6	16	5	
7	20	4	
8	24	4	
9	28	4	
3190	32	4	
1	36	4	
2	41	5	
3	46	5	
4	50	4	
5	55	5	
6	11:00	5	
7	05	5	
8	11	6	
9	15	4	
3200	20	5	

RECEIVED
 STATE CORPORATION COMMISSION
 MAY 30 1990
 CONSERVATION DIVISION
 WICHITA KANSAS

COMPANY Shields Oil Prod FARM Greathouse WELL NO. 2
 SEC. TWP. RGE. LOC. COUNTY Ellis STATE Ks
 CONTRACTOR Shields Drlg 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
3200	11:20		
1	24	4	
2	30	6	Conn. Serv. rig
3	43 48	5	
4	55	7	
5	12:03	8	Vis 44 Wt. 9.9
6	10	7	W.L. 12.8 LCM 2 [#]
7	16	6	
8	24	8	
9	30	6	
3210	37	7	
1	44	7	
2	50	6	
3	55	5	
4	1:01	6	
5	06	5	
6	13	7	
7	20	7	
8	25	5	
9	32	7	
3220	39	7	
1	45	6	
2	51	6	
3	58	7	
4	2:03	5	
5	10	7	
6	17	7	
7	23	6	
8	29	6	
9	36	7	
3230	42	6	
1	48	6	
2	54	6	
3	3:01	7	Conn.
4	06 10	4	
5	15	5	
6	21	6	
7	26	5	
8	33	7	
9	41	8	
3240	47	6	
1	53	6	
2	58	5	
3	4:05	7	Vis 43 Wt. 9.9
4	10	5	W.L. 13.6 LCM 2 [#]
5	15	5	
6	20	5	
7	25	5	
8	31	6	
9	35	4	
3250	39	4	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3250	4:39		
1	42	3	
2	45	3	
3	47	2	
4	49	2	
5	53	4	
6	59	6	
7	5:04	5	
8	10	6	
9	16	6	
3260	22	6	
1	28	6	
2	35	7	
3	42	7	
4	48	6	
5	54	6	Conn.
6	6:04	4	
7	09	5	
8	13	4	
9	19	6	
3270	22	3	
1	26	4	
2	32	6	
3	38	6	
4	44	6	
5	50	6	
6	56	6	
7	7:01	5	Mix Mud
8	06	5	
9	12	6	
3280	18	4	
1	23	5	
2	30	7	
3	38	8	
4	46	8	
5	52	6	
6	57	5	
7	8:03	6	
8	11	8	
9	20	9	
3290	28	8	
1	35	7	
2	42	7	
3	49	7	CFS.
4	52	3	Conn. Ser. Rig
5	9:04 08	4	
6	11	3	
7	13	2	
8	15	2	
9	18	3	
3300	23	5	

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 CONSERVATION DIVISION
 Wichita, Kansas

COMPANY Shields Oil Prod. FARM Greathouse WELL NO. #2
 SEC. TWP. RGE. LOC. COUNTY Ellis 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
3300	10:11		
1	21	4	
2	25	4	
3	29	4	
4	31	2	
5	34	3	
6	38	4	
7	41	3	
8	45	4	
9	49	4	
3310	53	4	
1	56	3	
2	11:00	4	
3	04	4	
4	08	4	
5	12	4	
6	18	6	
7	25	7	
8	32	7	
9	38	6	
3320	45	7	
1	51	6	
2	57	6	
3	12:03	6	
4	08	5	
5	13	5	
6	18	5	Conn. Serv. rig
7	32 37	5	
8	44	7	
9	51	7	
3330	58	7	Vis 43 wt. 9.8 W.L. 11.6 LCM 2 1/2
1	1:07	9	
2	15	8	
3	22	7	
4	31	9	
5	41	10	
6	48	7	
7	57	9	
8	2:05	7	
9	09	4	
3340	19	10	
1	28	9	
2	38	10	
3	43	5	
4	48	5	
5	53	5	
6	58	5	
7	3:06	8	
8	13	7	
9	20	7	
3350	28	8	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3350	3:28		
1	38	10	
2	48	9	
3	57	9	
4	4:04	7	
5	10	6	
6	15	5	
7	20	5	Conn.
8	24 29	5	
9	37	8	Vis 41 wt. 9.8
3360	45	8	W.L. 15.6 LCM. 2 1/2
1	53	8	
2	5:01	8	Mix mud
3	04	8	
4	16	7	
5	25	9	
6	35	10	
7	44	9	
8	50	6	
9	57	7	
3370	6:02	5	
1	09	6	
2	15	7	
3	22	8	
4	32	9	
5	41	9	
6	48	7	
7	56	8	
8	7:04	8	
9	12	8	
3380	20	8	
1	28	8	
2	36	8	
3	42	6	
4	47	5	
5	52	5	
6	57	5	Conn. Ser. Rig -
7	5:54 39	5	Clean pump screen -
8	44	5	pump water off
9	48	4	pits
3390	51	3	
1	55	4	
2	9:01	6	
3	07	6	CFS - pump water
4	10:00	5	off pits - check
5	52	7	values
6	58	6	
7	11:04	6	
8	11	7	
9	17	6	
3400	24	7	

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 MAY 30 1990
 CONSERVATION DIVISION
 Wichita, Kansas

COMPANY Shields Oil Prod. FARM Greathouse WELL NO. #2

SEC. TWP. RGE. LOC. COUNTY Ellis STATE Ks

CONTRACTOR Shields Drigs. 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
3400	11:24		
1	30	6	
2	35	5	
3	40	5	
4	46	6	
5	51	5	
6	56	5	
7	12:01	5	
8	06	5	
9	11	5	
3410	16	5	
1	22	6	
2	27	5	
3	33	6	
4	38	5	
5	44	6	W.L. 37 - WT. 9.6+
6	50	6	W.L. 14.8 - LCM 1 1/2 #
7	55	5	
8	1:00	5	
9	06	6	Conn. - pump water
3420	24 30	6	off pits
1	36	6	
2	42	6	
3	48	6	
4	52	4	
5	55	3	
6	59	4	
7	2:04	5	
8	09	5	
9	14	5	
3430	20	6	
1	24	6	
2	32	6	
3	37	5	
4	42	5	
5	48	6	
6	54	6	
7	3:00	6	
8	05	5	
9	11	6	
3440	16	5	
1	20	4	
2	24	4	
3	28	4	
4	31	3	
5	36	5	
6	41	5	
7	46	5	
8	52	6	
9	58	6	
3450	4:11 20	5	

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MAY 30 1990
CONSERVATION DIVISION
Kansas

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3450	4:20		
1	26	6	
2	31	5	
3	35	4	
4	39	4	
5	42	3	
6	46	4	
7	50	4	
8	54	4	
9	59	5	
3460	5:05	6	
1	11	6	
2	18	7	
3	24	6	
4	30	6	
5	37	7	
6	44	7	
7	50	6	
8	58	8	
9	6:05	7	
3470	13	8	
1	20	7	
2	28	8	
3	35	7	
4	42	7	
5	51	9	
6	7:00	9	
7	06	6	
8	12	6	conn jet water off pits
9	59 59	5	
3480	8:05	6	
1	09	4	
2	12	3	
3	14	2	
4	16	2	
5	17	1	
6	18 1/2	1 1/2	
7	20	1 1/2	
8	21	1	
9	22	1	
3490	23	1	
1	24	1	
2	26	2	
3	29	3	
4	32	3	
5	35	3	
6	39	4	
7	43	4	
8	50	7	clean pump screen
9	57 57:03	6	
3500	10	7	

