

ORIGINAL

SIDE ONE

12/14/89
RELEASED

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: License # 5015
Name Hellar Drilling Co., Inc.
Address 125 N. Market, Suite 1422
City/State/Zip Wichita, Kansas 67202

Operator Contact Person D. L. Hellar
Phone (316) 267-2845

Contractor: License # 5104
Name Blue Goose Drilling, Inc.

Wellsite Geologist Donald R. Douglass
Phone (316) 722-4873

PURCHASER

Designate Type of Completion

- New Well
- Re-Entry
- Workover
- OIL
- Gas
- Dry
- SWD
- Inj
- Other (Core, Water Supply etc)
- Temp Abd
- Delayed Comp.

If OWO: old well info as follows:

Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:

- Mud Rotary
- Air
- Cable

Spud Date 11/10/89 Date Reached TD 11/21/89 Completion Date 11/21/89

Total Depth 4810' PBD

Amount of Surface Pipe Set and Cemented at 378 feet

Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set feet

If alternate 2 completion, cement circulated from feet depth to w/ SX cmt

API NO. 15-057,20,477-0000
County Ford
C. N/2 N/2 NE/4 Sec. 35 Twp. 25 Rge. 21 West

JAN 17 1991

FROM CONFIDENTIAL

4950 Ft North from Southeast Corner of Section
1320 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

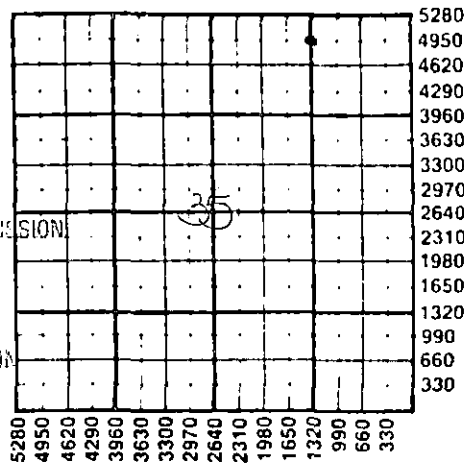
Lease Name Kate Well # 4

Field Name Coon Creek North

Producing Formation

Elevation: Ground 2289 KB 2299

Section Plat



RECEIVED
JAN 14 1989
KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
Wichita, Kansas

ACT II
D&A

WATER SUPPLY INFORMATION

Source of Water:
Division of Water Resources Permit #

Groundwater Ft North from Southeast Corner
Ft West from Southeast Corner of
Sec Twp Rge East West

Surface Water Ft North from Southeast Corner
(Stream, pond etc) Ft West from Southeast Corner
Sec Twp Rge East West

Other (explain) hauled from irrigation well
(purchased from city, R.W.D.#)

Disposition of Produced Water: Disposal
Repressuring

Docket #

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 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 drillers time log shall be attached with this form. 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 D. L. Hellar

Title President Date 12/13/89

Subscribed and sworn to before me this 13th day of December 1989

Notary Public Judy C. Ridder
Date Commission Expires

JUDY C. RIDDER
STATE NOTARY PUBLIC
SEDGWICK COUNTY, KANSAS
MY APPT. EXP. 3/2/92

K.C.C. OFFICE USE ONLY

Letter of Confidentiality Attached
 Wireline Log Received
 Drillers Time Log Received

Distribution

KCC SWD/Rep NGPA
 KGS Plug Other
 (Specify)

Operator Name Hellar Drilling Lease Name Kate Well # 4 SEC. 35 TWP. 25 RGE. 21 East West

WELL LOG

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
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

DST #1 4165-72 30-45-60-45
 Rec 60' gip, 5' cl oil, 40' oc water mud -
 5% oil, 100' vsmc wtr - 92\$ water.
 IFP 29-36# IBHP 1238#
 FFP 65-87# FBHP 1217#

DST #2 4191-4218 30-45-30-45
 Rec 720' water & muddy water
 IFP 72-202# IBHP 1432#
 FFP 253-347# FBHP 1410#

DST #3 4692-4736 30-30-30-30
 Rec 20' mud.
 IFP 72-29# IBHP 36#
 FFP 29-43# FBHP 43#

DST #4 4716-63 30-30-30-30
 Rec 30' ocm, 30' sl ocm.
 IFP 72-50# IBHP 137#
 FFP 65-65# FBHP 181#

DST #5 4751-74 30-30-30-30 WK bl. Rec 70' mud.
 IFP 72-36# IBHP 1218#
 FFP 65-43# FBHP 1209#

Formation Description

Log Sample

Name	Top	Bottom
Anhydrite	1387	+ 912
WAB	3408	-1109
Topeka	3598	-1299
Heebner	4013	-1814
Toronto	4035	-1736
Douglas	4049	-1750"
Brown Lime	4119	-1820
Lansing	4136	-1837
B.K.C.	4526	-2227
Mam	4537	-2238
Cherokee	4664	-2365
Miss (war.)	4747	-2448
Miss (Osage)	4772	-2473
RTD	4810	

RELEASED

JAN 17 1991

FROM CONFIDENTIAL

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> 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 1/2"	8 5/8"	20#	369.6	60/49 Pos	200	3% cc, 2% gel
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Date of First Production	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....						
Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio	Gravity CFPB		

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify)
 Used on Lease Dually Completed
 Commingled

ORIGINAL

COMPANY Heller Drilling Co. FARM Kate WELL NO. 4
 SEC. TWP. RGE. LOC. COUNTY Ford STATE Ka
 CONTRACTOR Blue Goose Drilling Co. SIZE HOLE 7 7/8 DRILL PIPE 4 1/2 XH
 REMARKS: SIZE PUMP LINERS 6 LENGTH STROKE 15

DATE 11-14-89 P.M.

KCC

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3800	9:15	27	
2	30	3	
3	37	3	
4	37	4	
5	40	3	
6	43	3	
7	48	5	
8	51	3	
9	55	4	
3810	59	4	
1	10:02	3	Conn.
2	10:05	08	
3	12	4	
4	17	5	
5	21	4	
6	26	5	
7	31	5	
8	37	4	
9	42	5	
3820	47	5	
1	51	4	vis 45
2	55	4	wt. 8.9
3	58	3	wt. 7.6
4	11:02	4	
5	07	5	
6	10	3	
7	12 1/2	2 1/2	
8	14 1/2	2	
9	16	1 1/2	
3830	17 1/2	1 1/2	
1	19	1 1/2	
2	21	2	
3	24	3	
4	27	3	
5	29	2	
6	33	4	
7	36	3	
8	39	3	
9	41	2	
3840	43	2	
1	46	3	Conn. v. reg.
2	11:58	58	
3	59	1	
4	12:01	2	
5	03	2	
6	04	1	
7	06	2	
8	08	2	
9	10	2	
3850	12	2	

DEC 18 1989
 KANSAS GEOLOGICAL SURVEY
 WICHITA BRANCH

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3850	12:12	14	2
2	16	2	
3	18	2	
4	20	2	
5	21	1	
6	22	1	
7	23	1	
8	24 1/2	1 1/2	
9	25 1/2	1	
3860	27	1 1/2	
1	28 1/2	1 1/2	
2	30	1 1/2	
3	31	1	
4	32 1/2	1 1/2	
5	34	1 1/2	RELEASED
6	36	2	
7	38 1/2	2 1/2	JAN 17 1991
8	40	1 1/2	
9	43 1/2	1 1/2	FROM CONFIDENTIAL
3870	47	3 1/2	
1	50	3	
2	54	4	Conn.
3	12:58	1:00	
4	04	4	
5	08	4	
6	11	3	
7	15	4	STATE OF KANSAS COMMISSION
8	19	5	
9	24	5	DEC 14 1989
3880	27	3	CONS. RECORD DIV WICHITA, KANSAS
1	31	4	
2	35	4	
3	40	5	
4	45	5	
5	48	3	
6	50	2	
7	52	2	
8	55	3	
9	57	2	
3890	2:00	3	
1	02	2	
2	03 1/2	1 1/2	
3	05	1 1/2	
4	07	2	
5	10	3	
6	14	4	
7	18	4	
8	23	5	
9	27	4	
3900	31	4	

COMPANY Heller Drilling Co. FARM Kato WELL NO. 4
 SEC. TWP. RGE. LOC. COUNTY FORD STATE KANSAS
 CONTRACTOR Blue Goose Drilling Co. #2 SIZE HOLE 7 7/8 DRILL PIPE 4 1/2
 REMARKS: SIZE PUMP LINERS 6 LENGTH STROKE 15

DATE

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3900	2:31		
01	2:34	3	
02	37	3	
03	39	2	CONN. Clear
04	2:50	1	Screen
05	52	1	
06	53 1/2	1 1/2	
07	56 1/2	3	
08	3:02	5 1/2	
09	:06	4	
10	09	3	
11	11	2	
12	13	2	
13	14 1/2	1 1/2	
14	16 1/2	2	
15	18 1/2	2	
16	20	1 1/2	
17	23	3	
18	25	2	
19	26 1/2	1 1/2	
20	28 1/2	2	
21	30	1 1/2	
22	32	2	
23	34	2	
24	35 1/2	1 1/2	
25	36	1	
26	38	2	
27	40	3	
28	42 1/2	2 1/2	
29	46	3 1/2	
30	49	3	
31	51	2	
32	54	3	
33	57 1/2	3 1/2	
34	4:00	2 1/2	CONN.
35	4:06	0	
36	109	2	
37	10	2	
38	12	2	
39	14	2	
40	16	2	
41	17	1	
42	18	1	
43	19 1/2	1 1/2	
44	20 1/2	1	
45	21 1/2	1	
46	22 1/2	1	
47	24	1 1/2	
48	26	2	
49	27 1/2	1 1/2	
3950	29	1 1/2	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3950	4:29		
51	4:31	2	
52	32 1/2	1 1/2	
53	34 1/2	2	
54	36 1/2	2	
55	38	1 1/2	
56	40	2	
57	41 1/2	1 1/2	
58	43	1 1/2	
59	45	2	
60	47	2	
61	48 1/2	1 1/2	
62	50	1 1/2	
63	51	1	
64	52	1	
65	54	2	
66	55	1	CONN.
67	5:05	3	
68	07 1/2	2 1/2	
69	11	3 1/2	
70	15	4	
71	19	4	46 U.S.
72	23	4	91 WT
73	25	2	7.6 WL
74	27	2	
75	28	1	
76	29	1	
77	30 1/2	1 1/2	
78	33	2 1/2	
79	35	2	
80	36 1/2	1 1/2	
81	38 1/2	2	
82	40	1 1/2	
83	43	3	
84	46	3	
85	49	3	
86	53	4	
87	57	4	
88	6:00	3	
89	102	2	
90	103	1	
91	105	2	
92	107	3	
93	108	1	
94	109 1/2	1 1/2	
95	11	1 1/2	
96	12 1/2	1 1/2	CONN.
97	6:15	2	
98	18 1/2	1 1/2	
99	20	1 1/2	
4000	23	3	Call Pool

RECORDED
 OCT 14 1909
 Wichita, Kansas

COMPANY Heller Dredging Co. FARM KATE WELL NO. 4
 SEC. TWP. RGE. LOC. COUNTY FORD STATE KANSAS
 CONTRACTOR Blue Goose Dredging SIZE HOLE 7 7/8 DRILL PIPE 4 1/2
 REMARKS: SIZE PUMP LINERS 6 LENGTH STROKE 1.5

DATE

DEPTH	TIME O'CLOCK	MIN.	REMARKS
4000	01 02 25	2	
	27	2	
	28	1	
	29	1	
105	32	3	
	36	4	
	39	3	
	413	4	
	48	5	
10	53	5	
	57	4	
	702	5	
	5	3	
	8	3	
15	10	2	
	11	1	
	184	3	
	19	5	
	24	5	
20	29	5	
	33	4	
	38	5	
	413	5	
	418	5	
25	53	5	
	58	5	CONVAT
	11 19	4	
	19	4	
	24	5	
30	27	3	
	32	5	
	34	4	
	41	5	
	45	4	
35	48	3	
	49	1	
	51	2	
	53	2	
	55	2	
40	900	5	
	2	2	
	4	2	
	8	4	
	12	4	
45	17	5	
	21	4	
	25	4	
	29	4	
	32	3	
450	35	3	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
4050	38	3	
	41	3	
	441	3	
	416	2	
55	419	3	
	53	4	
	55	2	CONV
	58 00A	3	
	5	3	
60	8	3	
	11	3	
	16	5	
	20	4	
	26	6	
65	31	5	
	35	4	
	39	4	
	44	5	
	48	4	
70	52	4	
	55	3	
	59	4	
	113	4	
	6	3	
75	9	3	
	11	2	
	14	3	
	18	4	
	22	4	
80	26	4	
	31	5	
	34	3	
	37	3	
	39	2	
85	412	3	
	415	3	
	417	2	
	49	2	CONV
	53 55	2	
90	57	2	
	1200	3	
	2	2	
	4	2	
	6	2	
95	9	3	
	11	2	
	14	3	
	16	2	
	19	3	
4100	21	2	

RECEIVED
 DEC 14 1927
 Kansas, K.

COMPANY _____ FARM _____ WELL NO. _____
 SEC. TWP. RGE. LOC. COUNTY STATE
 CONTRACTOR _____ SIZE HOLE _____ DRILL PIPE _____
 REMARKS: _____ SIZE PUMP LINERS _____ LENGTH STROKE _____

DATE

DEPTH	TIME O'CLOCK	MIN.	REMARKS
4400 1	30 30	6	WISC 55
2	16	6	WT 9.0 Conn. it up
3	21	5	WL 8.4
4 4	29 33	4	
5	36	3	
6	39	3	
7	41	2	
8	44	3	
9	47	3	
4410 1	50 50	3	
2	54	4	
3	58	4	
4	1:02	4	
5	05	3	
6	07	4	VIS 55
7	10	3	
8	12	2	
9	15	3	
4420 1	19 24	5	
2	28	4	
3	33	5	
4	37	4	
5	42	5	
6	46	4	
7	51	5	
8	55	4	
9	5:00	5	
4430 1	10 10	5	
2	15	5	
3	20	5	
4	25	5	
5	30	5	Conn.
6	33 33	3	
7	37	4	
8	40	3	
9	43	3	
4440 1	50 50	3	
2	53	3	
3	58	5	
4	6:05	7	
5	11	6	
6	17	6	
7	21	4	
8	25	4	
9	29	4	
4450 1	33 37	4	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
4450 1	41 41	4	
2	45	4	
3	48	3	
4	51	3	
5	53	2	
6	56	3	
7	59	3	
8	7:01	2	
9	03	2	
4460 1	05 05	2	
2	07	2	
3	09	2	
4	11	2	
5	15	4	
6	19	4	
7	23	4	Conn
8	27 27	4	
9	32	5	
4470 1	37 42	5	
2	47	5	
3	51	4	
4	55	4	
5	59	4	
6	6:04	5	
7	9	5	
8	14	5	
9	20	6	
4480 1	25 30	5	
2	35	5	
3	42	7	
4	49	7	
5	55	6	
6	9:02	7	
7	09	7	
8	15	6	
9	20	5	
4490 1	26 30	6	
2	34	4	
3	39	5	
4	44	5	
5	49	5	
6	54	5	
7	59	5	
8	10:03	4	Conn
9	08 08	5	
4500 1	13 17	4	

UNION PACIFIC
 1953
 COMMERCIAL
 RECORDS

COMPANY _____ FARM _____ WELL NO. 846
 SEC. TWP. RGE. LOC. COUNTY STATE
 CONTRACTOR _____ SIZE HOLE _____ DRILL PIPE _____
 REMARKS: _____ SIZE PUMP LINERS _____ LENGTH STROKE _____

DATE

DEPTH	TIME O'CLOCK	MIN.	REMARKS
1100	1221	3	
	24		
	26	2	
	28	2	
	31	3	
	33	2	
	36	3	
	28	2	
	40	2	
	42	2	
10	45	3	
	47	2	
	50	3	
	52	2	
	56	4	
	101	5	
	3	2	
	5	2	
	10	5	
	15	5	C CAMP
20	18 22	4	
	27	5	
	32	5	
	36	4	
	42	6	
	49	7	
	53	4	
	58	5	
	202	4	
	7	5	
30	12	5	
	16	4	
	21	5	
	25	4	
	30	5	
	35	5	
	40	5	
	45	5	
	49	4	
	51	2	
40	54	3	West of Day
	58	4	
	3:02	4	
	07	5	
	11	4	
	15	4	
	19	4	
	21	2	
	25	4	
	30	5	
4150	34	4	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
4150	4	4	Conn. Trip.
2	39 43	4	
3	45	4	
4	52	5	
5	56	4	
6	4:01	5	
7	06	5	
8	11	5	
9	15	4	
4160	19	4	
1	23	4	
2	28	5	
3	32	4	
4	35	3	
5	39	4	
6	43	4	
7	47	4	
8	51	4	
9	54	3	
4170	56	3	
1	59	3	
2	01	2	CFS
3	30 33	3	
4	35	2	
5	37	2	
6	38	1	
7	41	3	
8	44	3	
9	46	2	
4180	49	3	
1	51	2	
2	54	3	
3	1000	6	
4	7	7	
5	13	6	
6	19	6	
7	21 27	6	CAMP
8	33	6	
9	39	6	
4190	43	4	
1	49	6	
2	52	3	
3	57	5	
4	1102	5	
5	6	4	
6	10	4	
7	14	4	
8	19	5	
9	25	5	
4200	31	6	

220

376

666 4 200

W. H. H. Co. Inc. Kansas

COMPANY _____ FARM _____ WELL NO. _____
 SEC. _____ TWP. _____ RGE. _____ LOC. _____ COUNTY _____ STATE _____
 CONTRACTOR _____ SIZE HOLE _____ DRILL PIPE _____
 REMARKS: _____ SIZE PUMP LINERS _____ LENGTH STROKE _____

DATE

DEPTH	TIME O'CLOCK	MIN.	REMARKS
11200	1131	5	
	41	5	
	44	3	
	47	3	
	53	6	
	58	5	
	1:03	5	
	8	5	
	11	3	
10	14	3	
	17	3	
	20	3	
	22	2	
	24	2	
	27	3	
	29	2	
	31	2	
	33	2	
	1252	2	After DST#2
20	54	2	
	57	3	
	58	1	
	59	1	
	1:03	3	
	06	4	
	11	5	
	16	5	
	21	5	
	26	5	Clean Screen
	1:32	5	
20	37	5	
	43	6	
	48	5	
	54	6	4.8 U.S.
	58	4	9.0 WT.
	2:02	4	9.2 W.L.
	07	5	
	12	5	
	17	5	
	22	5	
	26	4	
40	29	3	
	33	4	
	37	4	
	41	4	
	47	6	
	52	5	Suck up mud.
	2:50	3	
	59	3	
	3:02	3	
	06	4	CONN. Log
	3:14	4	
4250	18	3	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
4250	3:18	3	
	21	3	
	24	3	
	26½	2½	
	29	2½	
	32	3	
	35	3	
	39	4	
	42	3	
	44½	2½	
	47	2½	
	50	3	
	52½	2½	
	54½	2	
	56½	2	
	58½	2	
	4:01	2½	
	02½	1½	
	04½	2	
	06	1½	6.5 4.8
	07½	1½	wt. 9.0
	10	2½	wt. 9.2
	12	2	
	14	2	CFS
	5:21	2	
	25½	2½	
	28	2½	
	30	2	
	32	2	
	36	4	
	39	3	CONN. Clean Screen
	5:53	6	Drillagraph didn't
	6:04½	6½	Kick out.
	11	6½	
	16	5	
	22	6	
	25½	3½	
	29	3½	
	34	5	
	40	6	
	47	7	
	54	7	
	70	7	
	6	5	
	10	4	
	13	3	
	17	4	
	18	1	
	19	1	
	20	1	
4300	21	1	

DEC 14 1933

Wichita, Kansas

COMPANY _____ FARM _____ WELL NO. _____
 SEC. TWP. RGE. LOC. COUNTY STATE
 CONTRACTOR _____ SIZE HOLE _____ DRILL PIPE _____
 REMARKS: _____ SIZE PUMP LINERS _____ LENGTH STROKE _____

DATE

DEPTH	TIME O'CLOCK	MIN.	REMARKS
4300			
01	22	1	
	23	1	
	26	3	
	31	5	
05	39	6	
	41	4	
	46	5	
	51	5	
	56	5	
10	802	6	Wako Geol.
	8	6	CONN.
	25 30	5	
	36	6	
	42	6	
15	48	6	
	53	5	
	900	7	
	4	4	
	11	7	
20	17	6	
	23	6	
	29	6	
	35	6	
	42	7	
25	47	5	
	51	4	
	55	4	
	57	2	
	1000	3	
30	4	4	
	8	4	
	17	4	
	16	4	
	21	5	
35	28	7	
	35	7	
	42	7	
	49	7	
	55	6	
40	1102	7	
	8	6	
	11 16	5	
	21	5	
	28	7	
45	32	4	
		↑	
4350			

DEPTH	TIME O'CLOCK	MIN.	REMARKS
4350			
51		2	
	34	4	
	38	4	
	41	3	
55	42	1	
	43	1	
	45	2	
		1/2	
		1/2	
60		1/2	CFS
	41 42	1	
	43	1	
	44	1	
	45	1	
65	44	1	
	48	2	
	51	3	
	54	3	
	57	3	
70	59	2	
	10 1	2	
	12 13	2	
	14	1	
	16	2	
75	17	1	
	18	1	
	19	1	
	21	2	
	23	2	
80	27	4	
	32	5	
	37	5	
	43	6	
	48	5	
85	52	4	
	55	3	
	58	3	
	201	3	
	3	2	
90	5	2	
	8	3	
	12	4	
	18	6	
	23	5	
95	29	6	
	37	8	
	45	8	
	52	7	
	58	6	
4400	3:04	6	U/SC 55 WT 9.0

USE 1/2" ...
 WACO GEOL. ...
 WACO, KANSAS

COMPANY _____ FARM _____ WELL NO. _____
 SEC. TWP. RGE. LOC. COUNTY STATE
 CONTRACTOR _____ SIZE HOLE _____ DRILL PIPE _____
 REMARKS: _____ SIZE PUMP LINERS _____ LENGTH STROKE _____

DATE

DEPTH	TIME O'CLOCK	MIN.	REMARKS
4500 1	10:17 22	5	
2	26	4	
3	30	4	
4	35	5	
5	41	6	
6	46	5	
7	50	4	
8	55	5	vis 62
9	58	3	wt. 9.5
4510	11:01 1/2	3 1/2	wl. 9.4
1	05	3 1/2	
2	08	3	
3	12	4	
4	15	4	
5	18	3	
6	22	4	
7	26	4	
8	32	6	
9	38	6	
4520	44	6	
1	50	6	
2	55	5	
3	12:00	5	
4	04	4	
5	08 1/2	4 1/2	
6	13	4 1/2	
7	17 1/2	4 1/2	CONN. Rig
8	21 1/2	4	
9	29 1/2	4 1/2	
4530	33	3 1/2	
1	36	3	
2	39	3	
3	42	3	
4	46	4	
5	49	3	
6	52	3	
7	56	4	
8	1:02	6	
9	07	5	
4540	12	5	
1	17	5	
2	22	5	
3	27	5	
4	32	5	
5	38	6	
6	43	5	
7	49	6	
8	55	6	
9	2:02	7	
4550	07	5	broken seal

DEPTH	TIME O'CLOCK	MIN.	REMARKS
4550 51	2:07 13	6	
	20	7	
	27	7	
	35	8	
55	42	7	
	49	7	
	55	6	
	3:00	5	CONN.
	3:02 07	5	
60	11	4	
	16	5	
	21	5	
	24 1/2	3 1/2	
	26 1/2	2	
65	29 1/2	3	
	32 1/2	3	
	35	2 1/2	
	38	3	
	43 1/2	5 1/2	
70	48 1/2	5	
	52	4 1/2	
	57	5	
	4:00	3	
	04	4	
75	10	6	
	17	7	
	24	7	
	30	6	
	35	5	
80	39	4	
	44	5	
	50	6	
	56	6	
	5:01	5	
85	07	6	
	14	7	
	20	6	
	27	7	
	33	6	
90	37	4	CONN.
	5:37 43	4	
	48	5	vis 55
	53	5	wt. 9.5
	58 1/2	5 1/2	wl. 9.6
95	6:04	5 1/2	
	109	5	
	14	5	
	20	6	
	26	6	
4600	32	6	

COMPANY _____ FARM _____ WELL NO. _____
 SEC. TWP. RGE. LOC. COUNTY STATE
 CONTRACTOR _____ SIZE HOLE _____ DRILL PIPE _____
 REMARKS: _____ SIZE PUMP LINERS _____ LENGTH STROKE _____

DATE

DEPTH	TIME O'CLOCK	MIN.	REMARKS
4600			
.01	38	6	
	44	6	
	50	6	
	56	6	
.05	701	5	
	3	2	
	6	3	
	13	7	
	19	6	
10	24	5	
	28	4	
	33	5	
	39	6	
	45	6	
15	50	5	
	56	6	
	802	6	
	9	7	
	15	6	
20	22	7	
	29	7	
	36	7	CONN.
	48	53	
	59	3	
25	906	7	
	13	7	
	19	6	
	26	7	
	32	6	
30	39	7	
	47	8	
	54	7	
	1001	7	
	8	7	
35	16	8	
	24	8	
	32	8	
	38	6	
	45	7	
40	52	7	
	1109	8	
	7	7	
	13	6	
	19	5	
45	22	4	
	30	8	
	37	7	
	44	7	
	49	5	
4600	55	6	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
4630			
57	1202	7	
	7	5	CONN.
	11	17	6
	24	7	
55	30	6	
	35	5	
	40	5	
	46	6	
	53	7	
60	100	7	
	08	8	
	16	8	
	24	8	
	31	7	
65	35	4	
	40	5	
	43	3	
	46	3	
	52	6	
70	59	7	
	205	6	
	11	6	
	17	6	
	24	7	
75	32	8	
	39	7	
	46	7	
	53	7	
	59	6	
80	3:06	7	
	13	7	
	22	9	
	30	8	
	37	7	CONN.
85	43 50	7	
	58	8	
	4:07	9	
	13	6	
	19	6	
90	26	7	
	33	7	
	40	7	
	46	6	
	53	7	
95	59	6	
	5:05	6	
	12	7	
	18	6	
	25	7	
4700	30	5	

COMPANY

FARM

WELL NO.

SEC. TWP. RGE. LOC.

COUNTY

STATE

CONTRACTOR

SIZE HOLE

DRILL PIPE

REMARKS:

SIZE PUMP LINERS

LENGTH STROKE

DATE

11-18-89

DEPTH	TIME O'CLOCK	MIN.	REMARKS
4700 1	5:30 33	3	
2	36	3	
3	42	6	
4	50	8	
5	56	6	
6	6:02	6	
7	09	7	115C 55 WT 9.2
8	15	6	
9	22	7	
4710 1	29 36	7 7	
2	40	4	
3	47	7	
4	53	6	
5	58	5	
6	7:04	6	Conn
7	7:12	5	
8	17	5	
9	23	6	
4720 1	30 35	7 5	
2	42	7	
3	48	6	
4	55	7	
5	8:00	5	
6	04	4	
7	09	5	
8	14	5	
9	22	8	
4730 1	27 32	5 5	
2	36	4	
3	41	5	
4	47	6	SR
5	52	5	SR
6	59	7	PIPE - 115C 52
7	23 59	6	WT 9.2
8	34	5	
9	49	5	
4740 1	23 47	4 4	
2	51	4	
3	55	4	
4	59	4	
5	11:03	4	Conn
6	6:10	4	
7	15	5	
8	19	4	
9	2 23	2 1/2	
4750 1	25 25	2 1/2 2 1/2	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
4750 1	26 1/2 26 1/2	1 1/2	
2	28	1 1/2	
3	32	4	
4	37	5	
5	40 1/2	3 1/2	CFS
6	55 58 55	4	
7	102	3	
8	5	3	
9	8	3	
4760 1	10 13	2 3	
2	16 1/2	3 1/2	
3	21	4 1/2	CFS
4	11:32 42	5	Circ 30" Op bottom
5	49	7	WAKE Geol @ 4764
6	55	6	
7	12:01	6	
8	10 1/2	5 1/2	
9	12 1/2	6	
4770 1	18 22 1/2	5 1/2 4 1/2	
2	25	2 1/2	Vis 60
3	27	2	WT 9.2+
4	28 1/2	1 1/2	CFS Wt 10.4
5	31 23 23	2	CONN.
6	26	3	
7	28	2	
8	30	2	CFS
9	2:50 53	3	
4780 1	55 57	2 2	
2	3:00	3	
3	03	3	
4	06	3	
5	08	2	
6	10	2	
7	12	2	
8	15	3	
9	17	2	
4790 1	19 21	2 2	
2	23	2	Wichita, Kan. 40-1
3	25	2	43-1 1/2
4	27	2	45-2
5	29	2	115C 80 47-2
6	30	1	WT 9.2 51-1
7	32	2	53-2
8	34	2	55 1/2-2 1/2
9	36	2	58-2 1/2
4800 1	38 38	2 2	4:10 PM-2

DEC 18 1989
 KANSAS GEOLOGICAL SURVEY
 WICHITA BRANCH

