

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

S

API NO. 15-...179-20,943-0000 SEP 1-7-1990

County...Sheridan... FROM CONFIDENTIAL
S.1/2 N.1/2 NW.1/4 Sec.17 Twp.10S Rge.26W X West

Operator: License # 5020
Name Rine Exploration Company
Address Suite #645
300 W. Douglas
City/State/Zip Wichita, KS 67202-2904

4290 Ft North from Southeast Corner of Section
3960 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Purchaser...Texaco Trading & Transportation
104 S. Broadway, Wichita, KS 67202

Lease Name...Johnson...Well #.1-17
Field Name...Tilton NE...Revival

Operator Contact Person M. Bradford Rine
Phone 316/262-5418

Producing Formation...Lansing-Kansas City
Elevation: Ground...2626 KB...2631

Contractor: License # 5422
Name Abercrombie Drilling, Inc.

Wellsite Geologist...Joel A. Alberts
Phone 316/262-6391

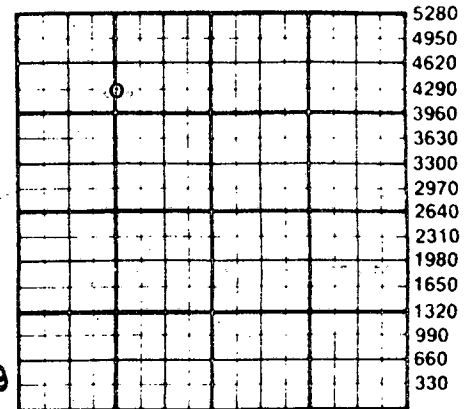
Designate Type of Completion
X New Well Re-Entry Workover
X Oil SWD Temp AB
Gas Inj Delayed Comp.
Dry Other (Core, Water Supply etc.)

If OWNO: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:
X Mud Rotary Air Rotary Cable
05/23/89 05/30/89 06/21/89
Spud Date Date Reached TD Completion Date
4200' 4156.47'
Total Depth PBTD
Amount of Surface Pipe Set and Cemented at 307 feet
Multiple Stage Cementing Collar Used? Yes X No
If yes, show depth set...feet
If alternate 2 completion, cement circulated from 307 feet depth to Surface w/ 200 SX cmt
Cement Company Name Allied Cementing
Invoice # 54057

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # Repressuring

Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-3717

Source of Water:
Division of Water Resources Permit #.T.89-257

X Groundwater...2970 Ft North from Southeast Corner
(Well) 100 Ft West from Southeast Corner of
Sec 32 Twp 10S Rge 26W East X West
Surface Water...Ft North from Southeast Corner
(Stream, pond etc)...Ft West from Southeast Corner
Sec Twp Rge East West
Other (explain)
(purchased from city, R.W.D. #)

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. 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. Bradford Rine
(M. Bradford Rine)
Title President Date 06/30/89

Subscribed and sworn to before me this 30th day of June 1989
Notary Public Ginger L. Kelley
(Ginger L. Kelley)
Date Commission Expires June 11, 1992

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)

GINGER L. KELLEY
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 6-11-92

Sec. 17 Twp. 10 Rge. 26W

21

Operator Name: Rine Exploration Company Lease Name: Johnson Well # 1-17

Sec: 17 Twp: 10 South Rge: 26 West County: Sheridan RELEASED

SEP 17 1990

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all 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.

FROM CONFIDENTIAL

Drill Stem Tests Taken [X] Yes [] No
Samples Sent to Geological Survey [X] Yes [] No
Cores Taken [] Yes [X] No

Formation Description [X] Log [X] Sample

DST #1: 3890'-3908' (Lans "B"). Blow: weak bldg. to fair steady. Rec: 500' gas in pipe, 110' gassy free oil, 20' gas & oil cut mud (36% oil). IFP 21 - 21 (60 min.) ISIP 1006 (45 min.) FFP 31 - 31 (60 min.) FSIP 975 (45 min.) & "bldg."

DST #2: 3908'-3916' (Lans "C"). Blow: fair bldg. to strong steady. Rec: 732' gas in pipe, 485' gassy oil, 20' gas & mud cut oil. IFP 32 - 114 (45 min.) ISIP 1191 (60 min.) FFP 146 - 199 (45 min.) FSIP 1170 (60 min.)

DST #3: 3925'-3957' (Lans "D-F"). Blow: weak 1 open, none 2 open. Rec: 46' oil & water cut mud, 124' muddy water. IFP 42 - 63 (45 min.) ISIP 1054 (60 min.) FFP 74 - 95 (45 min.) FSIP 1043 (60 min.)

DST #4: 4030'-4090' (Lans "H-K"). Blow: strong. Rec: 1220' gas in pipe, 122' gas & oil cut mud, 732' gassy free oil.

Table with columns: Name, Top, Bottom. Rows include Sample Tops (Anhydrite, Base Anhydrite, Heebner, Lansing, Stark, BKC, RTD) and E-Log Tops (Anhydrite, Base Anhydrite, Heebner, Lansing, Stark, BKC, LTD).

IFP 53 - 202 (45 min.) ISIP 1305 (60 min.) FFP 244 - 319 (45 min.) FSIP 1263 (60 min.)

CASING RECORD, PERFORATION RECORD, TUBING RECORD, Date of First Production, Producing Method, Estimated Production. Includes fields for Purpose of String, Size Hole, Size Casing, Weight, Setting Depth, Type of Cement, #Sacks Used, Type and Percent Additives, Shots Per Foot, Specify Footage of Each Interval Perforated, Acid, Fracture, Shot, Cement Squeeze Record, Liner Run, Date of First Production, Producing Method, Estimated Production.

METHOD OF COMPLETION Production Interval

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

PAULY & COMPANY

ONE MAIN PLACE
100 N. MAIN, SUITE 910
WICHITA, KANSAS 67202-1312

TELEPHONE: (316) 264-0490

15-179-20943-0000

RECEIVED

JUN 27 1989

RINE EXPLORATION CO.



COPY

June 21, 1989

See page 2

Rine Exploration Inc.
Suite 645 R. H. Garvey Bldg.
Wichita, Ks. 67206

RE: Johnson No. 1-17
S /2-N/2-NW Sec. 17-10S-26W
Sheridan Co. Kansas

WELL DATA

RELEASED

SEP 17 1990

FROM CONFIDENTIAL

RTD: 4200'
LTD: 4199'
Zero: KB = 2631' (5' AGL)
S.C.: 8-5/8" at 307'
Logs: Halliburton Logging Services. Guard sidewall neutron log.

PRODUCTION CASING

Ran 104jts 4-1/2" 10.5# used ST&C tested to 4000 psi and drifted top to bottom: (Total tally used = 4261.95')

KB to top of csg.	<26.92'>
56 jts. - 4-1/2" csg.	2294.64
1 - 4-1/2" Hal. DV tool	3.00'
47 jts. - 4-1/2" csg.	1888.18'
1 - 4-1/2" Hal. latch down BP	-0-
1 jt. - 4-1/2" shoe jt.	39.60'
1 - 4-1/2" Hal. IFGS	1.50'
Set at	4199.00' (1.0' off TD = 4200')
BP (PBSD) at	4156.47'
DV tool at	2267.72'

10- 4-1/2" Hal. centralizers 4159, 4079, 3995', 3913, 3874', 3796', 3717, 3599', 2310, 2226

3 - 4-1/2" Hal. baskets at 2310', 1239', 525

CEMENT

Hal. cemented in two stages:

Bottom stage: 420 gal. Super flush 125 Sx. EA-2, 18% salt, .4% halad 322, .25% D-air mix at 15.5 ppg. 1.36 yield, pump at 5 bpm. Displace plug with 37.00 BFW and 32.0 BDM. PD at 8:00 P.M. 5/31/89 w/1500 psi. Good circ. Release pressure. Float held OK.

SEP 17 1990

CONSERVATION DIVISION
Wichita, Kansas

* Top stage: Drop DV bomb. Open tool. Circ. 3 hrs. Cement w/160 sx HDL mixed at 11.1 ppg, yield 3.1, .25 pps flocele, 200 sx HLC, .25 pps flocele, mix at 12.7 ppg. Pump at 5 bpm. Close tool w/1500 psi at 12:00 P.M. 6/01/89. Cement did circulate to surface. (10 Bbls.) Release pressure plug holding. Set slips.

COMPLETION

COPY

- 6-11-89 Cheyene W.S. MIRDP.
- 6-12-89 Unload tbg. and rods. Run 70 Jts. used 2-3/8" tbg. with scraper 3-7/8" bit. Tag DV tool at 2265'. Drill out two hours. Bit hung pull 12,000 over. Circulate hole clean, reverse circulation, pull 10,000 over with 1,000 psi of torque work tbg. broke loose. Test DV to 700 psi. Run to TD at 4141'. Pull tbg. SDON.
- 6-13-89 Hal.L.S. run bond log. PBSD = 4244', TC = 3506', fair bond. Top stage fair bond TC = surface. Telecopy log to Wichita. Run bond log under 1,000 psi. with significant improvement. Swab down to 3800'. Great guns perf. LKC. K zone from 4071' to 4075' 4 SPF. Run csg. swab good show of oil. One pull recd. 1 Bbl. 25% oil. SDON
- 6-15-89 Fl. 2,000' down (2,070' of fill up in 12 Hrs.) 99% oil. Swab down recd. 34.1 bbls. Hal. treat with 300 gal. 15% MCA. MP=600 psi, AP=500 psi, MR=1 bpm, AR=.75 bpm, ISIP=525 psi, 9 min. vac., TL=72 Swab down and test as follows:

Hrs	Pulls	Bbls	% Oil	Fluid Level
Swab dwn.	14	82.1	trace	
1st	2	8.7	99	375' per run.
2nd.	2	8.7	99	350' per run.
1/2	1	4.1	99	350.
5.75	19	103.6		

(drain tank aprox. 93 bbl. oil)
- Hal. treat with 1,500 gal. 15% NE. MP=550 psi., AP=500 psi, MR=3 bpm, AR=2 bpm., ISIP=475 psi, 20 min. vac., TL=111 Bbls. Over displace 10 bbls. of 2% KCL. Swab down csg. recd. 113.3 bbls.; last pull off bottom 99% oil. Haul 150 bbls. oil to storage. SDON.
- 6-16-89 Fl 2000' dwn. (2070' of fill up in 12 Hrs.) Swab down recd. 35 bbls 99 % oil. Hal. L.S. perf. LKC. "B" zone. 3896' to 3901' 2 spf. and the "C" zone 3906' to 3910' 2 spf. Hal. run RBP on sand line set at 3,985'. Check depth with wire line. Run csg. swab recd. 12 bbl. of oil. Test run from perfs. dry. Hal. treat w/ 1,000 gal. 15% MCA, MP=400 psi, AP=150 psi, MR=2 BPM, ISIP = 200 psi 18" SI=Vac. TL=92 Bbls. Ran 30 balls very little ball action. Swab dwn. recd. 86.3 bbl. 99% oil after 51 bbl. recd. Balls dumping load SDON
- 6-17-89 Fl 1800' down (2100' of fill up in 12.5 Hrs.) Swab dwn. recd. 38 bbl. 99% oil. Hal. treat with 1000 gal. 15% SGA and 1000 gal 15% NE, MP=300 psi, AP=250 psi, AR=3 BPM, MR=4 BPM, TL =120 Bbls. Run 40 ball sealers no ball action. Swab dwn recd 85 bbl. last two pulls off bottom recd. 10.2 bbls. 99% oil. Haul approx. 150 bbls. oil to storage. SDON

SEP 17 1990

COPY

Johnson # 1-17
Completion Report

6-18-89 SD Sunday

6-19-89 Fl 1600' dwn. (2300' of fill up) . Run sand line, pull BP. Run tbg. and rods as follows top to bottom:

KB to top of tbg.	+ 2.00'
129 Jts. 2-3/8" used 8rd. EUE 4.7# tbg.	4083.94'
1- 1-25/32" seat nipple	1.10'
1-2-3/8" plugged mud anchor	15.00'
Mud anchor set at	4102.04'
Seat nipple set at	4085.94'
Fl. 1600' dwn. swab tbg. one run.	

Run 162 3/4" used rods, 2', 4', 6', 8', used rod subs
1-1/4" X 16' polish rod, 1-8' liner, 2" X 1-1/2" X 12'BHD
pump. Long stroked, set 1' off bottom.

6-20-89 Set 114 American, with 20 HP electric motor, Lay lead line 1400 feet of 3" scd. 40. With ball trap . Inventory 31 rods (775')
5 Jts. 2-3/8" tbg. (162.07')

6-21-89 Set 10'X15" gun barrel and two 12'X10' stock tanks from Fox 1-25 lease (McDonald) oil, transfer aprox. 300 Bbls. of oil to stock tanks. Run electric line, hook up motor and meter.
McDonald set 12'X10' stock tank used. Pumping this P.M.
54" stroke set to pump 120 bbl. owf fluid per day.

SEP 17 1990
CONSERVATION DIVISION
Wichita, Kansas

HALLIBURTON SERVICES

A Halliburton Company

COPY

INVOICE NO.	DATE
723919	05/31/1989

INVOICE

WELL LEASE NO./PLANT NAME	WELL/PLANT LOCATION	STATE	WELL/PLANT OWNER
JOHNSON 1-17	SHERIDAN	KS	RINE EXPLORATION
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE
OBERLIN	ABERCROMBIE DRLG.	TOP OUTSIDE PRODUCTION CASING	05/31/1989
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER
742209	DAVID PAULY		
		SHIPPED VIA	FILE NO.
		COMPANY TRUCK	77209

RECEIVED

DIRECT CORRESPONDENCE TO: RELEASED

RINE EXPLORATION
SUITE 645 300 WEST DOUGLAS
WICHITA, KS 67202

JUN 5 1989

SUITE 600
COLORADO DERBY BUILDING
WICHITA, KS 67202-0000

RINE EXPLORATION CO.

FROM CONFIDENTIAL

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
000-117	PRICING AREA - MID CONTINENT MILEAGE	35	MI	2.20	77.00
007-013	MULT STAGE CEMENTING-1ST STAGE	4226	FT	1,078.00	1,078.00
001-016		1	UNT		
007-161	MULT STAGE CEMENTING-ADD STAGE	1	STG	865.00	865.00
018-317	SUPER FLUSH	10	SK	72.00	720.00
26	INSERT VALVE F. S. - 4 1/2"	1	EA	216.00	216.00
847.6316					
27	FILL-UP UNIT 4 1/2"-5"	1	EA	27.50	27.50
815.19111					
40	CENTRALIZER 4-1/2" MODEL S-4	10	EA	41.00	410.00
807.93004					
71	MULT STAGE CEMENTER 4 1/2" 8RD	1	EA	2,350.00	2,350.00
813.10151					
75	PLUG SET 4 1/2"	1	EA	330.00	330.00
812.0112					
595	4 1/2" LATCH DOWN PLUG	1	EA	234.00	234.00
812.01195					
596	4 1/2" LATCH DOWN BAFFLE	1	EA	100.00	100.00
801.03734					
320	CEMENT BASKET 4 1/2"	3	EA	85.00	255.00
800.8881					
504-118	HALLIBURTON LIGHT CEMENT -PREM	200	SK	5.99	1,198.00
507-210	FLOCELE	50	LB	1.21	60.50
504-308	STANDARD CEMENT	104	SK	6.75	702.00
506-105	POZMIX A	56	SK	3.50	196.00
506-121	HALLIBURTON-GEL 2%	3	SK	.00	N/C
507-277	HALLIBURTON-GEL ADDED 4%	6	SK	13.00	78.00
507-285	ECONOLITE	278	LB	.80	222.40
507-210	FLOCELE	40	LB	1.21	48.40
504-308	STANDARD CEMENT	125	SK	6.75	843.75

***** CONTINUED ON NEXT PAGE *****

SEP 7 1989

TERMS INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED. CUSTOMER AGREES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 18% PER ANNUM IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO ENFORCE COLLECTION OF SAID ACCOUNT CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND ATTORNEY FEES IN THE AMOUNT OF 20% OF THE AMOUNT OF THE UNPAID ACCOUNT

HALLIBURTON SERVICES **COPY**

INVOICE

A Halliburton Company

INVOICE NO. 723919 DATE 05/31/1989

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER	
JOHNSON 1-17		SHERIDAN		KS	RINE EXPLORATION	
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE			TICKET DATE	
OBERLIN	ABERCROMBIE DRLG.	TOP OUTSIDE PRODUCTION CASING			05/31/1989	
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.	
742209	DAVID PAULY			COMPANY TRUCK	77209	

RECEIVED

DIRECT CORRESPONDENCE TO:

RINE EXPLORATION
SUITE 645 300 WEST DOUGLAS
- WICHITA, KS 67202

JUN 5 1989

SUITE 600
COLORADO DERBY BUILDING
WICHITA, KS 67202-0000

RELEASED
SEP 17 1990

RINE EXPLORATION CO.

FROM CONFIDENTIAL

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
508-127	CAL SEAL	6	SK	14.60	87.60
509-968	SALT	975	LB	.063	61.43
507-970	D-AIR 1, POWDER	32	LB	2.50	80.00
507-775	HALAD-322	47	LB	5.50	258.50
500-207	BULK SERVICE CHARGE	507	CFT	.95	481.65
500-306	MILEAGE CMTG MAT DEL OR RETURN	831.46	TMI	.70	582.02
INVOICE SUBTOTAL					11,562.75
DISCOUNT (BID)					2,812.20
INVOICE BID AMOUNT					8,750.55
*- KANSAS STATE SALES TAX					265.96
*- DECATUR COUNTY SALES TAX					66.51
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					89,083.04

SEP 17 1990

TERMS INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED. CUSTOMER AGREES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 18% PER ANNUM IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO ENFORCE COLLECTION OF SAID ACCOUNT CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND ATTORNEY FEES IN THE AMOUNT OF 20% OF THE AMOUNT OF THE UNPAID ACCOUNT

ORIGINAL

COMPANY Rice Exploration FARM Johnson WELL NO. 1-17
 SEC. TWP. RGE. LOC. COUNTY Sheldahl STATE Kansas
 CONTRACTOR Abercrombie Drilling SIZE HOLE 7 7/8 DRILL PIPE 4 1/2
 REMARKS: SIZE PUMP LINERS 6 LENGTH STROKE 16

DATE

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3700	12:50	1 1/2	
	51 1/2	1 1/2	
	52 1/2	1	
	54	1 1/2	
	55 1/2	1 1/2	
05	57	1 1/2	
	59	2	
	60 1/2	1 1/2	
	02	1 1/2	
	04	2	
3710	05 1/2	1 1/2	
	07	1 1/2	
	08 1/2	1 1/2	
	10	1 1/2	
	11 1/2	1 1/2	
15	13 1/2	2	
	15 1/2	3	
	18 1/2	3	
	21	2 1/2	com
	1:25	1 1/2	
	26 1/2	1 1/2	
3720	28 1/2	2	
	31 1/2	3	
	35	3 1/2	
	38	3	
	41	3	
25	44	3	
	46	2	
	48 1/2	2 1/2	
	51 1/2	3	
	55	3 1/2	
3730	57	2	
	58	1	
	59 1/2	1 1/2	
	2:00 1/2	1	
	02	1 1/2	
35	04 1/2	2 1/2	
	07	2 1/2	
	09 1/2	2 1/2	
	12	2 1/2	
	14 1/2	2 1/2	
3740	17	2 1/2	
	20	3	
	23	3	
	26	3	
	29 1/2	3 1/2	
45	32	2 1/2	
	34	4	
	39	3	
	43	4	
	46	3	com
3750	02:50	2	
	52	2	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
	56	4	
	58	2	
	3:01	3	
	2 1/2	1 1/2	
55	4	1 1/2	
	6	2	
	8	2	
	10	2	
	13 1/2	3 1/2	
3760	17	3 1/2	
	22	5	
	25	3	
	29	4	
	32	3	
65	35	3	
	38	3	
	41	3	
	44	3	
	46 1/2	2 1/2	
3770	49	2 1/2	
	51	2	
	63 1/2	2 1/2	
	56	2 1/2	
	58	2	
75	4:00	2	
	1 1/2	1 1/2	
	3	1 1/2	
	6	3	
	9 1/2	3 1/2	
3780	13	3 1/2	
	17	4	
	25	2	
	28 1/2	1 1/2	
	30	1 1/2	
85	31 1/2	1 1/2	
	33	1 1/2	
	35	2	
	37	2	
	4	1/2	
3790	38	1 1/2	
	39 1/2	1	
	40 1/2	1 1/2	
	41 1/2	1	
	43	1 1/2	
95	44 1/2	1 1/2	
	46	1 1/2	
	47 1/2	1 1/2	
	48 1/2	1	
	49 1/2	1	
3800	51 1/2	2	

RECEIVED
 STATE CORPORATION COMMISSION
 JUL 11 1989
 CONSERVATION DIVISION
 Wichita, Kansas

KANSAS BLUE PRINT CO., WICHITA, KAN. 09-281

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
3800	51 1/2	3	
	57	2 1/2	
	59 1/2	2 1/2	
	50 2	2 1/2	
5	5	3	
	7 1/2	2 1/2	
	9	1 1/2	
	11 1/2	2 1/2	
	14	2 1/2	
10	17	3	
	20	3	
	22	2	conn
	25 1/2	1 1/2	
	28	2 1/2	
15	29	1	
	30 1/2	1 1/2	
	33	2 1/2	
	35	2	
	37	2	
20	39	2	
	41 1/2	2 1/2	
	43 1/2	2 1/2	
	45 1/2	2 1/2	
	48	2 1/2	
25	51	3	
	54	3	
	56	2	
	58 1/2	2 1/2	
	6 00 1/2	2 1/2	
30	03	2 1/2	
	05 1/2	2 1/2	
	08 1/2	3	
	11 1/2	3	
	13 1/2	2	
35	15	1 1/2	
	16	1	
	19	3	
	22	3	
	25	3	
40	28	3	
	31	3	
	33	2	
	35 1/2	2 1/2	conn
	39 1/2	3	
45	45	3	
	48	3	
	51	3	
	54	3	
	57	3	
50	700	3	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
5	700	3 1/2	
	7	3 1/2	
	11	4	
	13	3	
	16	3	
	18	2	
	20	2	
	21 1/2	1 1/2	
	23 1/2	2	
60	26	2 1/2	
	28	2	
	30 1/2	2 1/2	
	33	2 1/2	
	36	3	
65	40	4	
	44	4	
	48 1/2	4 1/2	
	53	4 1/2	
68	57	4	
70	50 1/2	4 1/2	
	3 1/2	2	
	5	1 1/2	
	8	3	
	10 1/2	2	
75	14	2	conn
	18 1/2	2 1/2	
	23 1/2	2	
	27	3 1/2	
	30	3	
80	33	3	
	36	3	
	39 1/2	3 1/2	
	43	3 1/2	
	48	5	
85	51	3	
	56	5	
	900	4	
	04	4	
	9 1/2	5 1/2	
90	14	5 1/2	
	18	4	
	22	4	
	25 1/2	3 1/2	
	29	3 1/2	
95	32	3	
	35	3	
	38	3	
	41	3	
	45	4	
9900	47	2	

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 Wichita, Kansas

KANSAS BLUE PRINT CO., WICHITA, KAN. 09-281

ORIGINAL

COMPANY R. ne Exploration

FARM Johnson

WELL NO. 1-17

SEC. TWP. RGE. LOC.

COUNTY Sheldahl STATE Kansas

CONTRACTOR Abercrombie Drilling

SIZE HOLE 7 7/8 DRILL PIPE 4 1/2 X 11

REMARKS:

SIZE PUMP LINERS 6 LENGTH STROKE 15

DATE

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3900	47	30	
	53	3	47 vis 9.5 wt
	56	3	
	10.00	4	
05	4	4	
	8 1/2	4 1/2	conn
	11 1/4	3	
	17	3	STOP - CFS - 30"/60"
	11 5/8	3 1/2	
3910	03 1/2	3	
	06 1/2	3	
	09 1/2	3	
	14	4 1/2	
	17	3	
15	21 1/2	4 1/2	
	26	4 1/2	STOP CFS 30"/60"
	3 1/4	4	
	48	4	Vis 44 - WT 9.5
	53	5	
3920	57 1/2	4 1/2	
	4:01 1/2	4	
	06	4 1/2	
	09 1/2	3 1/2	
	14	4 1/2	
25	18	4	
	21 1/2	3 1/2	
	25 1/2	4	
	29	3 1/2	
	32	3	
3930	36	4	
	41 1/2	5 1/2	
	46	4 1/2	
	51	5	
	56	5	
35	5:01	5	
	06	5	
37	10 1/2	4 1/2	CFS 30"/60
	12 1/4	3	conn
	27	3	
3940	31	4	
	36	5	
	40	4	
	44 1/2	4 1/2	
	48	3 1/2	
45	51 1/2	3 1/2	
	53 1/2	2	
	55 1/2	2	CFS 30"/60
	58 1/2	1	
	02 1/2	1 1/2	
3950	05	1 1/2	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
50	805	1 1/2	
51	06 1/2	1 1/2	
	08	1 1/2	
	10	2	
	11 1/2	1 1/2	
55	13 1/2	2	
	15 1/2	2	Vis 49 wt 9.6
	17	1 1/2	STOP - CFS 30"/60"
	20 1/2	3	DST # 3
	32	3	
3960	36 1/2	4 1/2	
	40 1/2	4 1/2	
	45	4 1/2	
	48	3	
	52	4	
65	56	4	
	00	4	
	03	3	
	07	4	
	11	4	Conn.
3970	14	2	
	21	5	
	25	4	
	29	4	
	34	5	48 vis
75	38	4	9.5 wt.
	43	5	
	48	5	
	52	4	
	56	4	
3980	02	6	
	9	7	
	14	6	
	18	4	
	24	6	
85	28	4	
	34	6	
	38	4	
	43	5	
	48 1/2	5 1/2	
3990	54	5 1/2	
	00	6	
	03	3	
	7 1/2	4 1/2	
	12	4 1/2	45 vis
95	17	5	9.6 wt
	22	5	
	26	4	
	31 1/2	5 1/2	
	36	4 1/2	
100	40	4	

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ORIGINAL

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
1000	10:42		
	10:46	4	
	51 1/2	5 1/2	
	55	3 1/2	
	11:00	5	
5	04	4	
	08	4	
	10	2	
	15	5	
	18	3	
10	21	3	Coil lost @ Motor
	25	4	
	28	3	
	32	4	
	37	5	
15	42 1/2	5 1/2	
	46	3 1/2	44 VIS
	51	5	96 W
	56	5	
	12:00	5 1/2	
20	06 1/2	5	
	11	4 1/2	
	17	6	
	22	5	
	26	4	
25	32	6	
	39	7	
	43	4 1/2	
	49	6	
	55	5 1/2	
30	1:01	6	
	07 1/2	6 1/2	Conn
	18	2	
	25	5	
	30	5 1/2	
35	35	4 1/2	
	39	4	
	42	3 1/2	
	47	4 1/2	
	51	4	
40	54	3	
	58	4	
	2:01	3	
	5	4	
	10	5	
45	14 1/2	4 1/2	
	21	6 1/2	
	27	6	
	33	6	
	39	6	
50	44	5	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
4050	2:44		
51	2:49	5	
	54 1/2	5 1/2	
	59	4 1/2	
	3:03	4	
55	8	5	
	13	5	
	17 1/2	4 1/2	
	22	4 1/2	
	26 1/2	4 1/2	Vis 49 WT 9.5
60	35	8 1/2	Conn.
	39	42 1/2	3 1/2
	48 1/2	6	
	53 1/2	5	
	4:01	7 1/2	
65	06	5	
	12	6	
	15 1/2	3 1/2	WAKE-UP
68	19 1/2	4	STOP-CFS 30"/100"
	5:15	19	4
70	24	5	
	29	5	
	33	4	
	38	5	
	41 1/2	3 1/2	
75	43 1/2	2 1/2	
	46 1/2	3	
	51	4 1/2	
	56 1/2	5 1/2	
	6:02	5 1/2	
80	06 1/2	4 1/2	X
	12	5 1/2	
	18	6	
	24	6	
	29 1/2	5 1/2	
85	35	5 1/2	X
	40	5	
	46	6	
	51	5	
	57	6	VIS 51 WT 9.7
90	7:02 1/2	5 1/2	X STOP CFS 30"/45"
	6:51	05	4
	7:00	5	conn
	04	4	
	08	4	
95	13 1/2	5 1/2	
	18 1/2	5 1/2	
	23 1/2	5 1/2	
	29 1/2	6 1/2	
	37	7 1/2	
1:00	43	10	

KANSAS BLUE PRINT CO., WICHITA, KAN. 09-281

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Wichita, Kansas

ORIGINAL

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
4100	43		
	44 1/2	6 1/2	
	57	7 1/2	
	803	6	
	12	9	
5	21	9	
	28 1/2	7 1/2	
	36	7 1/2	
	42 1/2	6 1/2	
	50	7 1/2	
10	57 1/2	7 1/2	
	903 1/2	6	
	11 1/2	8	
	17	5 1/2	
	23 1/2	6 1/2	
15	28	4 1/2	
	35	7	
	39	4	
	44	5	
	47	3	
20	50	3	
	33	3	
	56	3	
	58 1/2	2 1/2	
	10:00	1 1/2	conn
25	3 1/2	2	
	7 1/2	2 1/2	
	10	2 1/2	54. vi's 9.6. wt
	11 1/2	1 1/2	
	13 1/2	2	
30	15	1 1/2	
	17	2	
	20	3	
	22	2	
	25	3	
35	28	3	
	31	3	
	34	3	
	37 1/2	3 1/2	
	42	4 1/2	
40	45 1/2	3 1/2	
	49 1/2	4	
	54	4 1/2	
	57 1/2	3 1/2	
	11:02	4 1/2	
45	07 1/2	5 1/2	
	12	4 1/2	
	16 1/2	4 1/2	
	22	5 1/2	
	26 1/2	4 1/2	1/10 50. wt. 9.6
50	30 1/2	4	

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 Wichita, Kansas

DEPTH	TIME O'CLOCK	MIN.	REMARKS
4150	11:30 1/2		
51	33	2 1/2	
	37	4	
	41	4	
	45	4	
55	50	5	conn
	57 1/2	4	
	08 1/2	5 1/2	
	12 1/2	4	
	16	3 1/2	
60	18 1/2	2 1/2	CALL JOEL @ work
	21	2 1/2	
	23 1/2	2 1/2	
	27	3 1/2	
	30	3	
65	33 1/2	3 1/2	
	39	5 1/2	
	44	5	
	49	5	
	52 1/2	3 1/2	
70	56 1/2	4	
	1:02	5 1/2	
	08	6	
	12	4	
	17 1/2	5 1/2	
75	20 1/2	6	
	28 1/2	5	
	34	5 1/2	
	39	5	
	44	5	
4180	49	5	
	54 1/2	5 1/2	
	59	4 1/2	
	2:04	5	
	09	5	
85	12	3	
	14	2	
	18 1/2	4 1/2	Conn.
	23 1/2	3	
	30 1/2	4 1/2	
90	36	5 1/2	
	42	6 1/2	
	48	5 1/2	
	55	7	
	3:01	6 1/2	
95	8	7	
	14	6	
	21	6 1/2	
	28	7	
	3	7 1/2	
4200	7		STOP - (ES 30"/60") Call Joel at gratil after out of hole

KANSAS BLUE PRINT CO., WICHITA, KAN. 09-281