

GEORGE R. BUSS #1 - NW SE SE of Section 1-9S-22W, Graham County, Kansas

#913-567-4292

#1007 @ Tone

Drilling Contractor: Big Springs Drilling, Inc. *Rig #3*

Wichita, Kansas / Tim Sanders 681-1732

Western Hills Motel

Hill City (913-674-2141)

Geologist: Jim Clark Mud: Midland Mud Cement: Dowell Testing: Cheney Testing INVESTORS

BJ-TITAN
SERVICES CO.

Hill City, Kansas

6/27/85 Ordered Abstracts and Supplemental

7/16/85 Received 'Drig Title Opinion' by Ron Wilkinson

7/17/85 Carlson's Surveying Service, P. O. Box 1393, Hays, Ks. 67601 (Doug Carlson)

#913-628-3133

Jess Cornejo

Dick DeVore

staking and running 'elevation'.

7/18/85 12:00 noon/Doug Carlson called advising above location staked /Elevation

Ernie Doyon

falls in a pasture 12' away from a bank draw.

2213' Ground Adolph Laska

Alternate 75' S. from location

Alternate 2211' Ground Don Mossey

8/ 2/85 Filed 'Intent wf State Corporation' today.

N= *2218'* Kelly Bushing

8/ 6/85 Moving in Rotary Tools today.

8/ 7/85 8 joints 20# 8 5/8" set at 329' wf 175 sack Common, 2% Gel, 3% CC,
plug down at 10:45 p.m. by HALCO, yesterday.

Drilling out from under Surface Casing at 7:00 a.m. today

8/ 8/85 Drilling at 2220' at 7:00 a.m.

ANHYDRITE 1705 +513'

8/ 9/85 Drilling at 2970' at 7:00 a.m.

1747 +473'

Jim Clark going out on Well this evening.

HEEBNER 3406 or -1188'

8/12/85 Tim Sanders/BIG SPRINGS called advising

TORONTO 3431' or -1213'

8/10/85 - Drilling at 3542' at 7:00 a.m.

LANSING 3446' or -1228'

8/11/85 - Drilling at 3785' at 7:00 a.m.

B/KANSAS CITY 3664' or -1446'

CONGLOMERATE 3717' or -1499'

RTD 3810' D & A - Plugging

RTD 3810' or -1592'

At 1750' ran 25 sacks, 150'

980' 100 " ,

340' 40 " ,

40' 10 " ,

Rathole 10 " of 60/40 Pozmix, 4% Gel, 3% Calcium Chloride

Plug down at 4:30 p.m. on 8/11/85

DST #1 from 3540' - 3557' 20-60. Blow died in 10 minutes. Flushed Tool.

Blow died again. Recovered 3' Drilling Mud.

Flow Pressures 96-125#, Shut In Pressure 923#.



Complete Rental & Fishing Service

CENTRAL KANSAS REGION

(316) 793-7819

Great Bend, Kan.

(913) 434-4543

Plainville, Kan.

#1 Buss

REC'D AUG 13 1985

Hb 3406 (1288)

Ton 3431 (~~1221~~ 1213)

LUC 3442 (1228)

B/KC 3664 (1446)

Cons 3717 (1499)

RTD 3810 (1592)



RUPE OIL COMPANY, INC.

P.O. BOX 2273

438 OHIO, WICHITA, KANSAS 67201

(316) 262-3748

BUSS #1 - NW SE SE of Section 1-9S-22W, Graham County, Kansas

Drilling Contractor: Big Springs Drilling, Inc.
Wichita, Kansas

Geologist: James C. Clark, Jr.
Wichita, Kansas

August 2, 1985 - Filed 'Intent with State Corporation Commission
Carlson's Surveying Service 'staked location and ran elevation'.

ELEVATION: 2213' Ground

2218' Kelly Bushing

August 6, 1985 - Moved in 'rotary tools'.

Ran 8 joints 20#, 8 5/8" Surface Casing, set at 329' cemented with
175 sacks Common Cement, 2% Gel, 3% Calcium Chloride. Plug was down
at 10:45 p.m. by HALCO.

~~Flu~~ August 7, 1985 - Drilling out from under Surface Casing at 7:00 a.m.

~~Flu~~ August 8, 1985 - Drilling at 2220' at 7:00 a.m.

~~Flu~~ ~~9K~~ August 9, 1985 - Drilling at 2970' at 7:00 a.m.

~~set~~ August 10, 1985 - Drilling at 3542' at 7:00 a.m.

August 11, 1985 - Drilling at 3785' at 7:00 a.m.

Rotary Total Depth 3810'

Dry and abandon.

Top of ANHYDRITE	1705'	or	+513'
Base of ANHYDRITE	1747'	or	+464'

HEEBNER	3406'	or	-1188'
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TORONTO	3431'	or	-1213'
---------	-------	----	--------

LANSING	3446'	or	-1228'
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B/KANSAS CITY	3664'	or	-1446'
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CONGLOMERATE	3717'	or	-1499'
RTD	3810'	or	-1592'

Plugged: At 1750' ran 25 sacks, at 980' ran 100 sacks, at 340' ran 40 sa
at 40' ran 10 sacks and 'rathole' ran 10 sacks of 60/40 Pozmix
Cement with 4% Gel, 3% Calcium Chloride.
Plug was down at 4:30 p.m. on 8/11/85.

August 10, 1985-Took DRILL STEM TEST #1 from 3542' - 3557'.

Tool open 20 minutes; shut in 60 minutes. Blow, died in 10 minutes.

Flushed Tool. Blow, died again. Recovered 3' Drilling Mud.

Flow Pressure 96-125#, Shut In Pressure 923#.

9/26/85 - HOLDING

GEORGE R. BUSS

SE/4 of Section 1-9S-22W

Graham County, Kansas

Supplemental Abstract in our
file until 'damages' has been
settled--should there be any.

COMPANY RPE Oil Co. Inc
SEC. 1 TWP. 9s. RGE 22w LOC. NW-SE-SE
CONTRACTOR Big Springs Drilling Inc
REMARKS: 10 sample

FARM Buss WELL NO. 1
COUNTY Grant STATE Kansas
SIZE HOLE 7 7/8" DRILL PIPE 4 1/2" x .14
SIZE PUMP LINERS 6 1/2" LENGTH STROKE 14"

DATE 8-9-85

PAGE # 1

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3100	10:12 13	1	
	15	2	vis 27
	16	1	wt 8.7
	18	2	
05	19	1	
	20	1	
	22	1	
	23	1	
	24	1	
3110	25	1	
	27	2	
	28	1	
	29	1	
	30	1	
15	31	1	
	33	2	
	34	1	
	36	2	
	37	1	
3120	38	1	
	39	1	Conn @ 3121
	44 45	1	
	47	2	
	49	2	
25	51	2	
	53	2	
	54	1	
	56	2	
	57	1	
3130	59	2	
	12:01	2	
	103	2	
	04	1	
	05	1	
35	07	2	
	08	1	
	09	1	
	10	1	
	12	2	
3140	13	1	
	13 1/2	1/2	
	14	1/2	
	15	1	
	16	1	
45	17	1	
	18	1	
	19	1	
	20	1	
	21	1	
3150	23	2	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3150	23 24	1	Conn @ 3151
	29 30	1	
	32	2	
	34	2	
55	36	2	
	38	2	
	38 1/2	1/2	
	39	1/2	
	39 1/2	1/2	
3160	41	1 1/2	
	43	2	
	45	2	
	46	1	
	47 1/2	1 1/2	
65	48 1/2	1	
	49 1/2	1	
	51	1 1/2	
	53	2	
	54	1	
3170	55	1	
	56	1	
	57	1	
	58	1	
	59	1	
75	12:00	1	
	01	1	
	02	1	
	03	1	
	04	1	
3180	05	1	
	06	1	
	08	2	Conn @ 3182
	13 15	2	
	14	1	
85	17	1	
	18	1	
	20	2	
	21	1	
	23	2	
3190	24	2	
	26	1	
	27	1	
	28	1	
	29	1	
95	30	1	
	32	2	
	33	1	
	34	1	
	36	2	
3200	38	2	

COMPANY RUPPE OIL CO INC FARM BUSS WELL NO. 1
 SEC. 1 TWP. 9s RGE 22w LOC. NW-SE-SE COUNTY Barber STATE Kansas
 CONTRACTOR Big Springs Drilling Inc SIZE HOLE 7 7/8" DRILL PIPE 4 1/2" x 22
 REMARKS: 10 samples day SIZE PUMP LINERS 6 1/2" LENGTH STROKE 14"

DATE 8-9-85

PAGE # 2

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3200	38		
	40	2	
	42	2	
	44	2	
	46	2	
05	48	2	
	50	2	
	51	1	
	53	2	
	55	2	
3210	56	1	
	58	2	
	59	1	
	1:00	1	Conn @ 3213'
	20/21	1	
15	22	1	
	23	1	
	24	1	
	25	1	
	26	1	
3220	28	2	
	29	1	
	30	1	
	32	2	
	33	1	
25	34	1	
	34 1/2	1/2	
	35	1/2	
	35 1/2	1/2	
	36 1/2	1/2	
3230	37	1/2	
	38	1	
	39	1	
	40	1	
	40 1/2	1/2	
35	42	1 1/2	
	43	1	
	44	1	
	46	2	
	48	2	
3240	50	2	
	51	1	
	52	1	
	53	1	Conn @ 3243
	58/59	1	
45	2:00	1	
	1:01	1	
	1:03	2	
	1:05	2	
	1:06	1	
3250	1:06 1/2	1/2	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3250	1:06 1/2	1/2	
	07 1/2	1/2	
	08	1/2	
	09	1	
55	10	1	
	12	2	
	14	2	
	16	2	
	18	2	
3260	20	2	
	21	1	
	22	1	
	23	1	
	23 1/2	1/2	
65	24	1/2	
	25	1	
	26	1	
	27	1	
	28	1	
3270	30	2	
	32	2	
	34	2	
	36	2	
	38	2	Conn @ 3274'
75	53/34	1	
	55	1	
	57	2	
	58	1	
	59	1	
3280	3:00	1	
	01	1	
	02	1	
	03	1	
	04	1	
85	05	1	
	05 1/2	1/2	
	06	1/2	
	06 1/2	1/2	
	08	1 1/2	
3290	10	2	
	12	2	
	14	2	
	17	3	
	20	3	
95	21	1	
	23	2	
	25	2	
	27	2	
	28	1	
3300	30	2	

COMPANY Rope Oil Co Inc FARM Buss WELL NO. 1
 SEC. 1 TWP. 9S RGE 22W LOC. NW-SE-SE COUNTY Crattin STATE Kansas
 CONTRACTOR Big Springs Drilling Inc SIZE HOLE 7 7/8" DRILL PIPE 4 1/2" x .14
 REMARKS: 10 sample SIZE PUMP LINERS 6 1/2" LENGTH STROKE 14"

DATE

PAGE #3

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3300	30		
	32	2	
	34	2	
	36	2	
	38	2	
15	40	2	CONN @ 3305
	54	1	+ JET #1
	56	1	
	58	2	START mudup
	59	1	
3310	4:01	2	Call Geologist
	02	1	@ 3310'
	04	2	
	05	1	
	06	1	
15	08	2	
	09	1	
	09 1/2	1/2	
	10	1/2	
	10 1/2	1/2	
3320	11	1/2	
	12	1	
	14	2	
	15	1	
	16	1	
25	17	1	
	18	1	
	20	2	
	21	1	
	22	1	
3330	24	2	
	25	1	
	27	2	
	29	2	
	32	3	
35	34	2	
	36	2	CONN @ 3336
	41	1	
	43	1	
	44	1	
3340	46	2	
	48	2	
	49	1	
	50	1	
	51	1	
45	53	2	
	55	2	
	57	2	
	58	1	
	5:00	2	
3350	01	1	START mudup
			@ 3350'

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3350	01	2	
	05	2	
	07	2	
	08	1	
55	10	2	
	11	1	
	12	1	
	13	1	
	13 1/2	1/2	
3360	14	1/2	
	15	1	
	16	1	
	18	2	
	19	1	
65	21	2	
	23	2	
	24	1	CONN @ 3367
	30	1	
	31	1	
	32	1	
3370	34	2	
	35	1	
	35 1/2	1/2	
	36	1/2	
	36 1/2	1/2	
75	37	1/2	
	37 1/2	1/2	
	38	1/2	
	38 1/2	1/2	
	39	1/2	
3380	39 1/2	1/2	
	40	1/2	
	41	1	
	41 1/2	1/2	
	42	1/2	
85	42 1/2	1/2	
	43	1/2	
	44	1	
	45	1	
	45 1/2	1/2	
3390	47	1 1/2	
	48	1	
	49	1	
	50	1	
	51	1	
95	52	1	
	53	1	
	54	1	
	55	1	CONN @ 3398
	6:00	1	
3400	02	1	

COMPANY RUPPE OIL & ICE FARM Buss WELL NO. 1
 SEC. 1 TWP. 9S RGE 22W LOC. NW-SE-SE COUNTY Butler STATE Kansas
 CONTRACTOR Big Springs Drilling Inc SIZE HOLE 7 7/8" DRILL PIPE 4 1/2" x d
 REMARKS: 10 sample's SIZE PUMP LINERS 6 7/8" LENGTH STROKE 14"

WET + DRY

DATE

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3400	02	03	1
	04	1	
	05	1	
	06	1	
05	08	2	
	10	2	
	11	1	
	13	2	
	14	1	
3410	15	1	
	16	1	
	17	1	
	19	2	
	20	1	
15	23	3	
	25	2	
	26	1	
	27	1	
	28	1	
3420	30	2	
	31	1	
	32	1	
	34	2	
	35	1	
25	37	2	
	38	1	
	39	1	
	40	1	CONN @ 3428
	41	1	
3430	48	1	STOP IF NO GEOLOGIST
	45	1	NEW LOCATION @ 3430
	48	2	Drill on Loc
	50	2	
	52	2	
35	55	3	
	58	3	
	10:01	3	
	04	3	
	08	4	
3440	10	2	
	12	2	
	15	3	Open Dripper
	18	3	
	20	2	
45	22	2	
	24	2	
	26	2	
	29	3	
	32	3	
3450	35	3	

PAGE #4

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3450	35	3	Drippers open
	38	3	
	40	2	
	41	1	
	43	2	
55	45	2	
	47	2	
	49	2	
	51	2	CONN @ 3458
	51	2	
3460	12	3	
	15	3	
	19	4	
	22	3	
	25	3	
65	28	3	
	32	4	
	35	3	Close Dripper
	38	3	
	41	3	
3470	44	3	
	47	3	
	51	4	
	54	3	
	57	3	
75	12:00	3	
	03	3	
	06	3	
	08	2	
	12	4	
3480	16	4	
	18	2	
	21	3	
	23	2	
	25	2	
85	27	2	
	30	3	
	32	2	
	34	2	
	36	2	Conn
3490	42	2	
	44	2	
	46	2	
	49	3	
	51	2	
	54	3	Vis 42
95	56	2	W+9.0
	59	3	
	1:02	3	
	05	3	
	08	3	
3500	11	3	

COMPANY Rule Oil Co. Inc

FARM Buss

WELL NO. 1

SEC 1 TWP 9S RGE 22W LOC NW SE SE

COUNTY Grant

STATE Kansas

CONTRACTOR Big Springs Drilling Inc

SIZE HOLE 7 7/8

DRILL PIPE 4 1/2" x .11

REMARKS: 10 samples w.

SIZE PUMP LINERS 6 1/2" LENGTH STROKE 14"

DATE

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3500	11 14	3	
	16	2	
	19	3	
	21	2	
05	23	2	
	25	2	
	27	2	
	30	3	
	32	2	
3510	35	3	
	38	3	
	41	3	
	45	4	
	49	4	
15	52	3	Vis 42
	55	3	WT 9.0
	2:00	5	
	03	3	
	06	3	
3520	09	3	Conn
	11	2	
	18	2	
	21	3	
	22	1	
25	25	3	
	28	3	
	31	3	
	34	3	
	36	2	
3530	40	4	
	43	3	
	46	3	
	49	3	
	51	2	
35	55	4	
	58	3	
	3:01	3	
	05	4	
	07	2	
3540	09	2	
	12	3	
	15	3	CFS 30-bu-90
	2:30 33	3	AFTER DST #1
	35	2	Circ 1 Hr THEN
45	37	2	DRILL AHEAD
	38	1	
	40	2	Keep CARRYING
	42	2	10 wets. Dig
	45	3	
50	47	2	

PAGE 5

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3550	42 49	2	Conn 3551
51	3:00 02	2	
	05	3	
	06	3	
55	11	3	
	14	3	
	17	3	
	20	3	
	23	3	
3560	26	3	
	30	4	
	34	4	
	37	3	
	40	3	
65	44	4	
	47	3	
	51	4	
	55	4	
	58	3	
3570	4:02	4	
	05	3	
	08	3	
	09	1	
	13	4	
75	16	3	
	21	5	
	24	3	
	27	3	
	30	3	
3580	32	2	
	35	3	
	38	3	CONN @ 3582
	43 45	2	
	48	3	
85	51	3	Vis 42
	54	3	WT 9.0
	57	3	
	5:00	3	
	04	4	
3590	07	3	
	10	3	
	14	4	
	16	2	
	20	4	
95	23	3	
	26	3	
	30	4	
	34	4	
	37	3	
3600	40	3	CFS 30-bu-90

© ROTARY DRILLING TIME SHEET # 503
KANSAS BLUE PRINT CO., WICHITA, KAN.

WELL LOG APPENDIX

COMPANY Rope and Co Inc FARM Buss WELL NO. 2
 SEC. 1 TWP. 5 RGE 22W LOC. NW-SE-SE COUNTY Barber STATE Kansas
 CONTRACTOR Big Springs Drilling Inc SIZE HOLE 7 7/8" DRILL PIPE 4 1/2" x .1
 REMARKS: SIZE PUMP LINERS 6 1/2" LENGTH STROKE 14"

DATE

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3600	44	3	
	45	2	
	47	2	
	50	3	
05	53	3	
	56	3	
	59	3	
	6:01	3	
	05	4	
3610	08	3	
	12	4	
	17	5	
	21	4	CONN @ 3613
25	28	3	
15	31	3	
	33	2	
	36	3	
	39	3	
	42	3	
3620	45	3	
	48	3	
	50	2	
	52	2	
	56	4	
25	7:00	4	
	03	3	
	07	4	
	10	3	
	13	3	
3630	17	4	
	20	3	
	24	4	
	27	3	
	31	4	
35	33	2	
	35	2	
	38	3	
	41	3	
	43	2	
3640	46	3	
	49	3	
	53	4	
	57	4	
	8:00	3	CONN @ 3644
45	07	10	
	13	3	
	17	4	
	20	3	
	22	2	
3650	25	3	

PAGE #4

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3650	25	24	
	31	3	
	33	2	VIS 46
	36	3	WT 9.1
55	39	3	
	43	4	
	47	4	
	51	4	
	55	4	
3660	57	2	
	9:00	3	
	03	3	
	06	3	
	09	3	
65	11	2	
	13	2	
	16	3	
	18	2	
	20	2	
3670	22	2	
	25	3	
	28	3	
	30	2	
	33	3	CONN @ 3674
75	38	40	
	42	2	
	44	2	
	47	3	
	50	3	
3680	53	3	LES UP TO 6' GEL
	56	3	ANALYSIS
	59	3	
	10:02	3	
	05	3	
85	08	3	
	11	3	
	14	3	
	17	3	
	21	4	
3690	24	3	
	27	3	
	30	3	
	34	4	
	37	3	
95	41	4	
	44	3	
	47	3	
	51	4	
	55	4	
3700	11:00	5	

COMPANY Rupe Oil
FARM Buss
WELL NO. 1

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

CONTRACTOR Big Springs Rig #3
SIZE HOLE 7 7/8
DRILL PIPE 4 1/2

REMARKS:
SIZE PUMP LINERS 6 1/2
LENGTH STROKE 14

DATE

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3700 01	11:00 04	4	
	08	4	
	11	3	
	15	4	
05	20	5	Conn
	44 46	4	
	50	4	
	53	3	
	57	4	
10	12:01	4	
	04	3	
	07	3	
	10	3	
	13	3	
15	16	3	
	20	4	
	24	4	
	29	5	
	34	5	
20	39	5	
	45	5	
	50	5	
	55	5	
	59	4	
25	1:04	5	
	09	5	
	13	4	
	17	4	
	22	5	
30	26	4	
	30	4	
	34	4	
	38	4	
	42	4	
35	46	4	
	51	5	Conn
	55 00	4	
	02	2	UIS 45
	07	5	Wt 9.3
40	11	4	
	15	4	
	19	4	
	24	5	
	29	5	
45	34	5	
	39	5	
	44	5	
	49	5	
	54	5	
50	58	4	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
3850 51	58 03	5	
	07	4	
	12	5	
	18	6	
55	24	6	
	28	4	
	33	5	
	38	5	
	43	5	
60	47	4	
	52	5	
	57	5	
	4:03	6	
	08	5	
65	13	5	
	16	3	
	19	3	Conn
	24 27	3	UIS 47
	29	2	Wt 9.3
70	33	4	UIS 47
	37	4	START CRACKING 5'
	39	2	WET DRTS
	42	3	WET DRTS
	46	4	GET GEOLOGIST
75	50	4	C/F/S @ 3875
	52 57	5	
	1:01	4	
	1:06	5	
	10	4	
80	14	4	
	17	3	
	21	4	
	26	5	
	30	4	UIS 46
85	35	5	Wt 9.2
	39	4	
	42	3	
	47	5	
	49 1/2	2 1/2	
90	52	2 1/2	
	55 1/2	3 1/2	C.F.S 30' & 40' WET & 20'
	4:57 8:02	5	
	05 1/2	3 1/2	
	08	3	
95	11	3	
	13	2	
	15	2	Conn
	23 24	4	Conn
	29	2	
3900	31	2	

COMPANY <u>Rope Oil Co Inc</u>	FARM <u>Buss</u>	WELL NO. <u>1</u>
SEC. <u>1</u> TWP. <u>9S</u> RGE. <u>22W</u> LOC. <u>NW-SE-SE</u>	COUNTY <u>Crawford</u>	STATE <u>Kansas</u>
CONTRACTOR <u>Big Springs Drilling, Inc</u>	SIZE HOLE <u>7 7/8"</u>	DRILL PIPE
REMARKS: <u>5' sample.</u>	SIZE PUMP LINERS <u>6 1/2"</u>	LENGTH STROKE <u>14"</u>

DATE _____

DATE	DEPTH	TIME O'CLOCK	MIN.	REMARKS
	3800	31	1 1/2	vis 46
		32 1/2	1 1/2	wt 9.2
		34	1	C.F.S @ 3803
		35	2	
	05	40 42	2	
		44	2	
		45	1	
		47 1/2	2 1/2	
		50	2 1/2	
		51	1	
	3810	53 1/2	2 1/2	STOP 1/2 CFS → W 00
	15			
	3820			
	25			
				Cont. @ 3828'
	3830			
	35			
	3840			
	45			
	3850			

[illegible]