

1991 6 1991

SIDE ONE

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

API NO. 15- 167-22,877-00-00  
County Russell FROM CONFIDENTIAL

NE NW SE Sec. 22 Twp. 13 Rge. 12W  East West

2310 Ft. North from Southeast Corner of Section

1650 Ft. West from Southeast Corner of Section  
(NOTE: Locate well in section plat below.)

Lease Name Johnson "A" Well # 2

Field Name Unknown

Producing Formation N/A

Elevation: Ground 1626 KB 1631

Total Depth 2802 PBDT N/A

Operator: License # 5140

Name: Frontier Oil Company

Address 125 N. Market, Ste 1720  
Wichita, KS 67202

City/State/Zip \_\_\_\_\_

Purchaser: N/A

Operator Contact Person: Jean Angle

Phone (316), 263-1201

Contractor: Name: Red Tiger Drilling Co.

License: 5302

Wellsite Geologist: Dick Parker

Designate Type of Completion

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

If OWMO: old well info as follows:

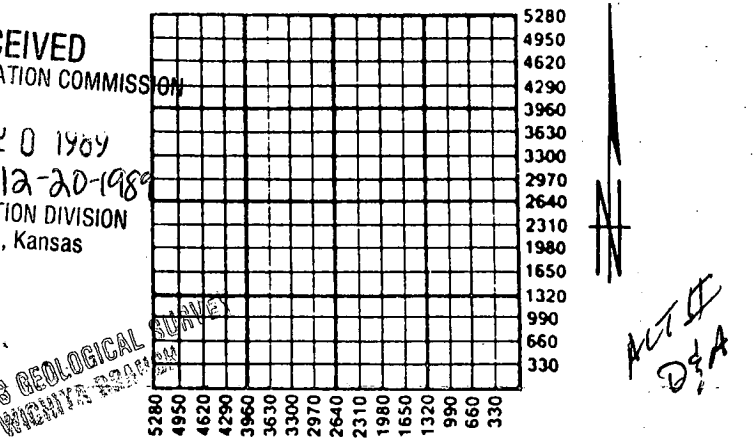
Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Drilling Method:  
 Mud Rotary  Air Rotary  Cable

10-30-89 11-4-89 11-4-89  
Spud Date Date Reached TD Completion Date



Amount of Surface Pipe Set and Cemented at 238 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.

RECEIVED  
STATE CORPORATION COMMISSION  
DEC 20 1989  
12-20-1989  
CONSERVATION DIVISION  
Wichita, Kansas  
KANSAS GEOLOGICAL SURVEY  
WICHITA BRANCH

ACT II  
D&A

**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.

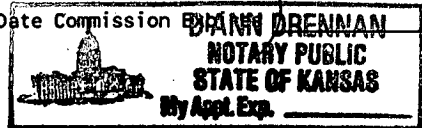
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Jean Angle  
Title Agent Date 12-19-89

Subscribed and sworn to before me this 19th day of December, 19 89.

Notary Public D. Anne Drennan

Date Commission 2-10-90



**K.C.C. OFFICE USE ONLY**

Letter of Confidentiality Attached  
 Wireline Log Received  
 Drillers Timelog Received

**Distribution**

KCE  SWD/Rep  NGPA  
 KGS  Plug  Other (Specify)

21

**SIDE TWO**

Operator Name Frontier Oil Company Lease Name #2 Johnson "A" Well # 2  
 Sec. 22 Twp. 13 Rge. 12W  East County Russell  
 West

**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 type="checkbox"/> Yes <input checked="" 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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<p style="text-align: center;"><b>Formation Description</b></p> <p style="text-align: center;"><input type="checkbox"/> Log <input checked="" type="checkbox"/> Sample</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:60%;">Name</th> <th style="width:20%;">Top</th> <th style="width:20%;">Bottom</th> </tr> </thead> <tbody> <tr> <td>Anhydrite</td> <td>554</td> <td>+1077</td> </tr> <tr> <td>Heebner</td> <td>2709</td> <td>-1078</td> </tr> <tr> <td>Toronto</td> <td>2729</td> <td>-1098</td> </tr> <tr> <td>Brown Line</td> <td>2780</td> <td>-1149</td> </tr> <tr> <td>Lansing</td> <td>2797</td> <td>-1166</td> </tr> <tr> <td>RTD</td> <td>2802</td> <td>-1171</td> </tr> </tbody> </table>	Name	Top	Bottom	Anhydrite	554	+1077	Heebner	2709	-1078	Toronto	2729	-1098	Brown Line	2780	-1149	Lansing	2797	-1166	RTD	2802	-1171
Name	Top	Bottom																				
Anhydrite	554	+1077																				
Heebner	2709	-1078																				
Toronto	2729	-1098																				
Brown Line	2780	-1149																				
Lansing	2797	-1166																				
RTD	2802	-1171																				

CASING RECORD <input checked="" 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 1/4	8 5/8"	20#	238	60-40 P07	140	2% gel, 3%CC
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)			Depth
N/A							
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	

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

**METHOD OF COMPLETION**

Open Hole  Perforation  Dually Completed  Commingled

Other (Specify) \_\_\_\_\_

Production Interval \_\_\_\_\_

Phone 913-483-2627, Russell, Kansas

Phone 913-793-5861, Great Bend, Kansas

15-167-22877-00-00

Phone Plainville 913-434-28

Phone Ness City 913-798-38

# ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

NO. 7397

New

Date	11-3-89	Sec	22	Twp.	13s	Range	12w	Called Out	10:00 PM	On Location	1:00 AM	Job Start	3:45 AM	Finish	6:00
Lease	Johnson	Well No.	# A-2	Location	BUNKER HILL 3E 3N 1/2E			County	Russell	State	Kansas				
Contractor	Red Tiger Drllg. Rig # 8														
Type Job	Rotary Plug														
Hole Size	7 7/8	T.D.	2802'												
Csg.	8 5/8 Surface	Depth	238'												
Tbg. Size		Depth													
Drill Pipe	5" X-H	Depth	1400'												
Tool		Depth													
Cement Left in Csg.		Shoe Joint													
Press Max.		Minimum	-												
Meas Line		Displace													
Perf.															

Owner  
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.

Charge To FRONTIER OIL COMPANY  
Street 1437 N Franklin  
City Russell State Kan 67666  
The above was done to satisfaction and supervision of owner agent or contractor

Purchase Order No. *[Signature]*  
X *[Signature]*  
CEMENT

Amount Ordered 125 SK 6/40 62 gel

Consisting of			
Common	75		
Poz. Mix	50	5.00	375.00
Gel.	8	225	112.50
Chloride		675	54.00
Quickset			

Handling	.90 Per SK		
Mileage	.03 Per Ton Mile		
			112.50
			52.50
		Sub Total	706.50
		Total	

### EQUIPMENT

Pumptrk #177	No.	Cementer	<i>[Signature]</i>
		Helper	<i>[Signature]</i>
Pumptrk #155	No.	Cementer	
		Helper	
Bulktrk #155		Driver	<i>[Signature]</i>
Bulktrk		Driver	

DEPTH of Job	
Reference:	
	Pump TRUCK Chrg.
	1 <sup>st</sup> Per Mile 14m
	Wipe Plug
	Sub Total
	Tax
	Total

Remarks:  
25 SK @ 1400'  
25 SK @ 575'  
50 SK @ 275'  
10 SK @ 40' Wipe Plug  
15 SK @ Rat Hole

*[Signature]*  
STATE CORPORATION COMMISSION

SEP 21 1990

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

15-167-22877-00-00

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

# ALLIED CEMENTING CO., INC. No. 7391

Home Office P. O. Box 31

Russell, Kansas 67665

New

Date	10-30-89	Sec.	22	Twp.	13 s	Range	12 w	Called Out	7:00 PM	On Location	9:45 PM	Job Start	1:00 AM	Finish	1:30 AM	
Lease	JOHNSON	Well No.	# A-2	Location				BUNKER HILL 3 E 3 N 1/2 E	County	Russell	State	Kansas				
Contractor	RED TIGER DRLY. Rig # 8															
Type Job	Surface															
Hole Size	12 1/4	T.D.	242'													
Csg.	8 5/8	Depth	238'													
Tbg. Size		Depth														
Drill Pipe		Depth														
Tool		Depth														
Cement Left in Csg.	10-15'	Shoe Joint														
Press Max.		Minimum														
Meas Line	✓	Displace	14.90 <sup>66k</sup>													
Perf.																

Owner  
 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.

Charge To **FRONTIER OIL COMPANY**  
 Street **1437 N. Franklin**  
 City **Russell** State **Kan 67665**  
 The above was done to satisfaction and supervision of owner agent or contractor

Purchase Order No. *[Signature]*  
 X *[Signature]*  
**CEMENT**

**EQUIPMENT**

Pumptrk #177	No.	Cementor	<i>[Signature]</i>
		Helper	<i>[Signature]</i>
Pumptrk	No.	Cementor	
		Helper	
Bulktrk #140		Driver	<i>Ed</i>
Bulktrk		Driver	

Amount Ordered **1409K 60/40 2% gel 3% cc**

Consisting of

Common	84	SKs @ 5.00	420.00
Poz. Mix	56	SKs @ 2.25	126.00
Gel.	3	SKs @ 6.75	20.25
Chloride	4	SKs @ 20.00	80.00
Quickset			

**DEPTH of Job**

Reference:	Pump TRUCK chrg.	360.00
	100 PER MILE	14.00
1-8 5/8	WIPER Plug	40.00
	Sub Total	
	Tax	
	Total	414.00

Handling	.90 PER SK	126.00
Mileage	.03 PER TON MILE	58.80
	14 mile	
	Sub Total	
	Total	831.00

Remarks:  
**Cement**  
**CIRCULATED!**

*[Signature]*  
**RECEIVED**  
 STATE CORPORATION COMMISSION  
 SEP 21 1990  
 CONSERVATION DIVISION  
 Wichita, Kansas

ORIGINAL

K C C

JAN 16 1991

CONFIDENTIAL

GEOLOGICAL REPORT

RELEASED

JAN 16 1991

FROM CONFIDENTIAL

FRONTIER OIL COMPANY  
NO. 2 JOHNSON 'A'  
NE NW SE 22-13S-12W  
RUSSELL COUNTY, KANSAS

DATE COMMENCED: OCTOBER 30, 1989

DATE OF RTD: NOVEMBER 3, 1989

GEOLOGISTS

RICHARD D. PARKER

STEVE D. PARKER

RECEIVED  
STATE CORPORATION COMMISSION

DEC 20 1989

CONSERVATION DIVISION  
Wichita, Kansas

JAN 16 1991  
KANSAS GEOLOGICAL SURVEY  
WICHITA BRANCH

Frontier O.I. Company  
1720 KSBOT Bldg  
Wichita, Kansas 67202

Re: Frontier O.I. Company  
No 2 Johnson A  
NE. 1/4, SE 22-135-124  
Russell County, Kansas

Dear Sir:

The following is a Geological Report, with a Time Log attached, on the above captioned well.

Drilling was suspended from 2400' to 2832' retaining total depth. Samples were examined from 2400' to retaining total depth.

All formation tops zones of porosity and storage are based on retaining keeping measurements. Any corrections in measurements have been incorporated into this report.

Elevation American Elevation 1628 DF-1631 KIS

Anhydrite	554	+1077
Hebron	2709	- 1078
Toronto	2729	- 1098
Brown Lime	2780	- 1149
Loring	2797	- 1166
	2802	- 1171
BTD	2832	- 1201

15-167-22877-00-00

Structurally, on top of the Lansing the No. 2 Johnson A, ran 18' low to the No. 1 Johnson A a dry hole located one half mile Northwest.

ZONES OF INTEREST

LANSING (Top 2797)  
2797 to 2802

Tan fine crystalline  
to oolitic lime,  
with a trace of spotted  
stain, no odor, trace  
of true oil.

2828 to 2832

Tan well developed  
oolitic lime with  
a fair show of true  
oil, good odor.

15-167-22877-00-00

Due to low structural position, the  
No 2 Johnson A was plugged and abandoned,  
a dry hole.

Sincerely

Richard D. Parker

Richard D. Parker



15-167-22877-00-00

DRILLING INFORMATION ON THE JOHNSON A No. 2

Contractor: Red Tiger  
Tool Pusher: M. By Hines  
Drillers: Leech  
Hines  
Grossly

Spud Date: October 29, 1989      Date of BTD: Nov. 3, 1989  
Surface Pipe: 8 5/8" @ 238' 140SX      Casing: None

TOTAL FOOTAGE DRILLED PER DAY

Under Surface At	12:15 PM	on	Oct 31, 1989
1470	Feet	At	7:00 AM on 11-1-89
2515	"	"	" " " 11-2-89
2832	"	"	3:18 PM on 11-3-89

15-167-22877-00-00

BIT RECORD

<u>BITS</u>	<u>TYPE</u>	<u>FOOTAGE</u>
No. 1	CP: 537	238 - 2830

MUD RECORD

Mud Co.: Mud Serv. Inc. Type: Channel (Drops)

Surface 75 sx gal, 19 sx balls, 4 sx lime

2050 - 125 sx gal, 5 sx lignite, 5 sx caustic  
2 1/2 sx soda ash

2515 - 75 sx gal, 2 sx lignite, 2 sx caustic  
1 sx soda ash, 12 sx balls

2832 - 25 sx gal, 4 sx lignite, 4 sx caustic  
1 1/2 sx soda ash, 2 sx drops



15-167-22877-00-00

COMPANY F.O.C. FARM Johnson WELL NO. A<sup>11</sup> 2  
 SEC. TWP. RGE. LOC. COUNTY Russell STATE KS  
 CONTRACTOR Controls # 8 SIZE HOLE 7 7/8 DRILL PIPE 5"  
 REMARKS: SIZE PUMP LINERS 6 1/2 LENGTH STROKE 10

DATE

DEPTH	TIME O'CLOCK	MIN.	REMARKS
<del>24</del> 00	<del>3:32</del>		
	34	2	Dry Samples
	36	2	
	39	3	
	41	2	
05	44	3	
	46	2	
	48	2	
	52	4	
	57	3	
10	4:02	5	
	06	4	
	11	5	
	15	4	
	19	4	
15	22	3	
	26	4	
	30	4	
	34	4	
	38	4	
20	44	4	
	49	5	
	54	5	
	5:00	6	
	04	4	
25	09	5	
	13	4	
	17	4	
	23	6	
	28	5	
30	33	5	Conn.
	<del>39</del> 42	3	
	46	4	
	50	4	
	52	2	
35	54	2	
	56	2	
	58	2	
	6:00	2	
	01	1	
40	03	2	
	05	2	
	08	3	
	10	2	
	11	1	
45	13	2	
	15	2	
	16	1	
	18	2	
	21	3	
50	25	4	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
<del>24</del> 50	<del>6:25</del>		
	29	4	
	34	5	
	37	3	
	41	4	
55	46	5	
	50	4	
	55	5	
	59	4	
	7:03	4	
60	07	4	
	11	4	Conn
	<del>17</del> 20	3	
	22	2	
	25	3	
65	29	4	
	32	3	
	36	4	
	40	4	
	43	3	
70	49	4	
	52	5	
	55	1	
	59	4	
	8:03	4	
75	07	4	
	11	4	
	14	3	
	16	2	
	18	2	
80	20	2	
	22	2	
	24	2	
	27	3	Vis 49
	30	3	WT 9.0
85	32	2	
	35	3	
	40	5	
	44	4	
	48	4	
90	52	4	
	56	4	
	9:01	5	Conn
	<del>08</del> 10	2	
	15	5	
95	19	4	
	24	5	
	27	3	
	31	4	
	32	4	
2500	39	4	wet + Dry Samples

15-167-22877-00-00

COMPANY F.O.C.

FARM Johnson

WELL NO. A2

SEC. TWP. RGE. LOC.

COUNTY Russell

STATE MS

CONTRACTOR Co Tools H 8

SIZE HOLE 7 7/8

DRILL PIPE 5"

REMARKS:

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

DATE

DEPTH	TIME O'CLOCK	MIN.	REMARKS
2500	9:39	44	wet + Dry
	48	4	Samples
	52	4	
	57	5	
05	10:01	4	
	05	4	
	09	4	
	13	4	
	17	4	
10	22	5	
	26	4	
	29	3	
	32	3	
	36	4	
15	40	4	
	45	5	
	49	4	
	52	3	
	55	3	
20	59	4	
	11:02	3	
	05	3	CONN - R. 9"
	29	3	
	33	4	
25	37	4	
	41	4	
	44	3	
	47	3	
	51	4	
30	56	5	
	12:00	4	
	03	3	
	07	4	
	12	5	
35	17	5	
	21	4	
	25	4	
	29	4	
	33	4	
40	37	4	
	40	3	
	43	3	
	46	3	
	50	4	
45	55	5	
	1:01	6	
	08	7	
	13	5	
	16	3	
50	19	3	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
2550	1:19	22	3
	25	3	
	28	3	
	31	3	CONN
55	39	41	2
	44	3	
	47	3	
	50	3	
	53	3	
60	56	3	
	59	3	
	2:02	3	
	06	4	
	09	3	
65	12	3	
	16	4	
	19	3	
	22	3	
	25	3	
70	27	2	
	31	4	
	34	2	
	38	4	
	41	3	
75	45	4	
	49	4	
	52	2	
	56	4	
	3:00	4	
80	04	4	
	07	3	
	10	3	
	13	3	
	17	4	
85	19	2	CONN CR 2 1/2"
	21	2	
	34	3	
	37	3	
	41	4	
90	44	3	
	47	3	
	51	4	
	54	3	
	57	3	
95	4:01	4	
	05	4	
	07	2	
	10	3	
	15	5	Call Steve Parker
1000	19	4	316-688-0818

15-167-22877-00-00

COMPANY F.O.O.

FARM Johnson

WELL NO. 17-2

SEC. TWP. RGE. LOC.

COUNTY Russell STATE MS.

CONTRACTOR Red Tiger #8

SIZE HOLE 7 7/8 DRILL PIPE 5"

REMARKS:

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

DATE

DEPTH	TIME O'CLOCK	MIN.	REMARKS
<del>2600</del>	<del>4:19</del>		
	23	4	
	27	4	
	30	3	
	33	3	
05	37	4	
	40	3	
	43	3	
	46	3	
	49	3	
2610	53	4	
	56	3	
	5:00	4	
	03	3	
	07	4	
15	11	4	
	15	4	
	17	2	CONN
	20	2	
	30	3	
2620	33	3	
	37	4	
	40	3	
	44	4	
	48	4	
25	52	4	
	55	3	
	58	3	
	6:02	4	
	06	4	
2630	10	4	
	13	3	
	16	3	
	18	2	
	20	2	
35	23	3	
	25	2	
	27	2	
	30	3	
	32	2	
2640	35	3	
	38	3	
	40	2	
	42	2	
	45	3	
45	47	2	
	50	3	CONN
	54	3	
	200	2	
	03	3	
2650	07	4	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
<del>2650</del>	<del>7:07</del>		
	12	5	
	16	4	
	20	4	
	22	4	
55	25	3	
	28	2	
	30	2	
	32	2	
	35	3	
2660	39	4	
	41	2	
	43	2	
	44	1	
	45	1	
65	47	2	
	48	1	
	49	1	
	50	1	
	52	2	
2670	54	2	
	56	2	
	58	2	
	8:00	2	
	02	2	
75	04	2	
	07	3	
	09	2	CONN
	12	2	
	19	4	
2680	25	2	
	27	2	
	29	2	
	31	2	
	35	4	
85	40	5	
	43	3	
	45	2	
	49	3	
	50	2	
2690	53	3	
	55	2	
	58	3	
	9:00	2	
	03	3	
95	05	2	
	07	2	
	09	2	
	11	2	
	13	2	
2700	16	3	

15-167-22877-00-00

COMPANY FOC FARM Johnson WELL NO. A#2  
 SEC. TWP. RGE. LOC. COUNTY Russell STATE Ks  
 CONTRACTOR Red Tiger #8 SIZE HOLE 7 7/8 DRILL PIPE 5"  
 REMARKS: SIZE PUMP LINERS 6 1/2 LENGTH STROKE 14

DATE

DEPTH	TIME O'CLOCK	MIN.	REMARKS
<del>2700</del>	<del>9:16</del>	<del>3</del>	
01	19	3	
	22	3	
	26	4	
	30	4	
05	35	5	
	39	4	
	42	3	
	47	5	
	<del>10:00</del>	3	
2710	07	4	Set Hole ADD Dispac
	10	3	
	12	2	
	14	2	
	16	2	
15	19	2	
	21	2	
	23	2	
	24	1	
	26	2	
2720	28	2	
	30	3	
	31 1/2	1 1/2	
	33	1 1/2	
	35	2	
25	36 1/2	1 1/2	
	38	1 1/2	
	40	2	
	41 1/2	1 1/2	
	43	1 1/2	
2730	44	1	
	46	2	
	48	2	
	50	2	
	52	2	
2735	54	2	
	56	2	
	57	1	
	59	2	
	11:00	1	CONN
2740	<del>02:08</del>	1	
	09	1	
	11	2	
	12	1	
	14	2	
45	15	1	
	16	1	
	18	2	
	19	1	
	21	2	
2750	23	2	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
<del>2750</del>	<del>11:23</del>	<del>3</del>	
	26	3	
	29	3	
	32	3	
	35	3	
55	38	3	
	41	3	
	44	3	
	47	3	
	51	4	
2760	54	3	
	57	3	
	12:01	4	
	04	3	
	07	3	
65	10	3	
	12	2	
	15	3	
	18	3	
	20	2	
2770	22	2	CONN
	<del>14:28</del>	20	2
	32	2	
	35	3	
	37	2	
75	39	2	
	41	2	
	43	2	
2778	45	2	-STOP- 30-45 WOOD
	<del>2:08</del>	10	2
2780	12	2	
	16	4	
	19	3	
	23	4	
	26	3	
85	29	3	
	32	3	
	35	3	
	40	5	
	44	4	
2790	48	4	
	51	3	
	55	4	
	58	3	
	3:02	4	-
95	06	4	
	09	3	
	13	4	
	14	1	
	15	1	
2800	16	1	

15-167-22877-00-00

COMPANY F.O.C. FARM J WELL NO. 42

SEC. TWP. . RGE. LOC. COUNTY Butte STATE MT.

CONTRACTOR Co Tools - 8 SIZE HOLE 7 7/8 DRILL PIPE 5"

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

DATE

DEPTH	TIME O'CLOCK	MIN.	REMARKS
<del>2800</del>	<del>3:16</del>	<del>17</del>	
	18	1	CONN CFS-30-40
05			
10			
15			
20			
25			
30			
35			
40			
45			
2850			

DEPTH	TIME O'CLOCK	MIN.	REMARKS
<del>2800</del>			
55			
60			
65			
70			
75			
80			
85			
90			
95			
2900			