

DAILY DRILLING REPORT

JOHN O. FARMER, INC.

Russell, Kansas

Company National Ass. Pet Co Lease Colberg

Date 6-15-64 Well No. H-1 County Leago State Kan

Rig No. 1

Section _____ Township _____ Range _____ Elevation _____

FORMATION RECORD

MUD RECORD

DRILL STRING RECORD

EMPLOYEES RECORD

	FORMATION RECORD				MUD RECORD		DRILL STRING RECORD			EMPLOYEES RECORD				
	FORMATION	HARDNESS	FROM	TO	REMARKS	Weight	Viscosity	Description	Feet	Ins.	NAME	Capacity	Hours	
1ST TOUR	Mixed				Rig up			Up on Kelly			Herman Mick	DJLg	8	
	10SKs Aquagel				Darrel Berry got hit			Joints of Drill Pipe						
	1st lime				above right eye with			Float, Reamers			Edwin Schrandt	DM	8	
					winch line hook			Drill Collars, Bit						
								Total Depth at End of Tour				Darrel Berry	MM	8
								Total Depth at Beginning of Tour						
2ND TOUR					Rigging up			Footage Drilled This Tour			Louis Becker	FM	8	
								Hours Actually Drilling						
								Up on Kelly			Raymond Kaba	Drill	8	
								Joints of Drill Pipe						
								Float, Reamers			Elmo Hamblin	DM	8	
								Drill Collars, Bit						
3RD TOUR	Mixed		0	190	Drill Bot hole - lost air			Total Depth at End of Tour	190		B. F. Kapp	Drill	8	
	10SKs Aquagel				020ft - Run 5 JTs 8 5/8			Total Depth at Beginning of Tour	0		Johnny Maupin	D.M	8	
	1st lime				Cement W/ 135 - plug down			Footage Drilled This Tour	190		Art Lehman	MM	8	
	4SK Halls				7:30			Hours Actually Drilling			Harold Hutchings	FM	8	

BIT RECORD

LUBRICATION, REPAIRS, ETC.

Run No.	Make of Bit	Type of Bit	Size of Bit	Serial No. of Bit	Commenced Drilling	Finished Drilling	Hours Actually Drilling	Footage Drilled	Average Ft. Per Hr.	Depth When Pulled	Remarks, Condition of Bit, Core Recovery
					M.	M.					
					M.	M.					
					M.	M.					
					M.	M.					
					M.	M.					
					M.	M.					

Total Hours Actually Drilling _____ Total Footage Drilled _____ Average Ft. Per Hour _____

DAILY DRILLING REPORT

JOHN O. FARMER, INC.

Russell, Kansas

Company National Assoc. Pet. Lease Colberg

Date 6-16-64 Well No. A-1 County Trego State Kansas

Rig No. _____

Section 27 Township 14 Range 21 Elevation _____

	FORMATION RECORD					MUD RECORD		DRILL STRING RECORD			EMPLOYEES RECORD		
	FORMATION	HARDNESS	FROM	TO	REMARKS	Weight	Viscosity	Description	Feet	Ins.	NAME	Capacity	Hours
1ST TOUR	Shale		190	430	Set rig. Nipped up Started under surface Two new spark in front mtr.			Up on Kelly Joints of Drill Pipe			Herman Mick	Drlg	8
	Mixed 2 cans Conn Det				Wait on light plant			Float, Reamers Drill Collars, Bit			Edwin Schrandt	D.M.	8
								Total Depth at End of Tour	430		Darrel Berry	MM	8
								Total Depth at Beginning of Tour	190		Louis Becker	FM	8
								Footage Drilled This Tour	240				
								Hours Actually Drilling		2 1/4			
2ND TOUR	Shale		430	760	check & grease rig			Up on Kelly			Raymond Kaba	Drill	8
	Shale & sand		760	870	det. shale pit			Joints of Drill Pipe			Elmo Hamblat	D.M.	8
	sand		870	1100				Float, Reamers Drill Collars, Bit			James. Kaba	MM	8
	Shale & shells		1100	1230				Total Depth at End of Tour	1230		Gary Newell	FM	8
	Cans. Conn. Det.							Total Depth at Beginning of Tour	430				
								Footage Drilled This Tour	800				
3RD TOUR	Shale & Red bed		1230	1460	check motor & grease rig			Up on Kelly			P.F. Topke	Drill	8
	Anhydrite		1460		Trip & slope test 1/2" O.B.			Joints of Drill Pipe			Johnny Manix	D.M.	8
					8 1/2" R.T.			Float, Reamers Drill Collars, Bit			Art Lehman	MM	8
	1-can-det							Total Depth at End of Tour	1480		Harold Hutchings	FM	8
								Total Depth at Beginning of Tour	1230				
								Footage Drilled This Tour	250				
							Hours Actually Drilling						

BIT RECORD

LUBRICATION, REPAIRS, ETC.

Run No.	Make of Bit	Type of Bit	Size of Bit	Serial No. of Bit	Commenced Drilling	Finished Drilling	Hours Actually Drilling	Footage Drilled	Average Ft. Per Hr.	Depth When Pulled	Remarks, Condition of Bit, Core Recovery
1	Reed	YT3A	7 3/8	346439	400 A	M.	14	1250		1440	
2	S.M.	DT.2-2	7 3/8	77164		M.					
						M.					
						M.					
						M.					
						M.					

Total Hours Actually Drilling _____ Total Footage Drilled _____ Average Ft. Per Hour _____

DAILY DRILLING REPORT

JOHN O. FARMER, INC.

Russell, Kansas

Company Nat. Ass. Pet. Co. Lease Colberg

Date 6-17-64 Well No. A-1 County Trego State Kansas

Rig No. 1
Section 27 Township 14 Range 21 Elevation _____

	FORMATION RECORD					MUD RECORD		DRILL STRING RECORD			EMPLOYEES RECORD		
	FORMATION	HARDNESS	FROM	TO	REMARKS	Weight	Viscosity	Description	Feet	Ins.	NAME	Capacity	Hours
1ST TOUR	Anhydrite Shale & Shells		1480	1489	Set rig			Up on Kelly			Herman Mick	Drk	8
			1489					Joints of Drill Pipe					
								Float, Reamers Drill Collars, Bit			Edwin Schrandt	D M	8
	1 Conn-Det							Total Depth at End of Tour	1775		Darrel Berry	M M	8
							Total Depth at Beginning of Tour	1480					
							Footage Drilled This Tour	295			Louis Becker	F M	8
							Hours Actually Drilling			7 1/2			
2ND TOUR	Shale & Shells		1775	2000	check & grease rig det. pits tighten bearing cap. JACK-SHAFT.			Up on Kelly			Raymond Kaba	Drill	8
								Joints of Drill Pipe					
	2 Conn. Det.							Float, Reamers Drill Collars, Bit			Elmo Hamblet	D M	8
								Total Depth at End of Tour	2000		James Kaba	M M	8
							Total Depth at Beginning of Tour	1775					
							Footage Drilled This Tour	225			Gary Newell	F M	8
							Hours Actually Drilling			6 1/2			
3RD TOUR	Shale & Shells		2000		Check Motors & grease rig Trip - slope test 1/2" O.B. @ 8 P.M.			Up on Kelly			C.F. Kope	Drill	8
								Joints of Drill Pipe					
	1 Conn-Det							Float, Reamers Drill Collars, Bit			Johnny Murphy	D. M	8
								Total Depth at End of Tour	2175		Art Lehman	M M	8
							Total Depth at Beginning of Tour	2000					
							Footage Drilled This Tour	175			Harold Hutchings	F M	8
							Hours Actually Drilling						

BIT RECORD											LUBRICATION, REPAIRS, ETC.		
Run No.	Make of Bit	Type of Bit	Size of Bit	Serial No. of Bit	Commenced Drilling	Finished Drilling	Hours Actually Drilling	Footage Drilled	Average Ft. Per Hr.	Depth When Pulled	Remarks, Condition of Bit, Core Recovery		
2	S.M.	DT29	7 3/8	77164	8 P.M.	M.	1 8	690		2130			
						M.							
						M.							
						M.							
						M.							
						M.							

Total Hours Actually Drilling _____ Total Footage Drilled _____ Average Ft. Per Hour _____

DAILY DRILLING REPORT

JOHN O. FARMER, INC.

Russell, Kansas

Company Nat. Ass. Pet. Co. Lease Colberg

Date 6-18-64 Well No. A-1 County Trego State Kansas

Rig No. 1
Section 27 Township 14 Range 21 Elevation 2111-DF

	FORMATION RECORD				MUD RECORD		DRILL STRING RECORD			EMPLOYEES RECORD				
	FORMATION	HARDNESS	FROM	TO	REMARKS	Weight	Viscosity	Description	Feet	Ins.	NAME	Capacity	Hours	
1ST TOUR	Shale & Lime		2170	2345	Set rig			Up on Kelly			Herman Mick	Drilg	8	
								Joints of Drill Pipe						
								Float, Reamers Drill Collars, Bit				Edwin Schrandt	DM	8
	1 conn - Det							Total Depth at End of Tour	2345			Darrel Berry	MM	8
								Total Depth at Beginning of Tour	2170					
							Footage Drilled This Tour	175			Louis Becker	FM	8	
							Hours Actually Drilling			7 1/2				
2ND TOUR	shale & lime		2345	2430	check & Grease rig set pits Pull Bit #3			Up on Kelly			Raymond Kaba	Drill	8	
								Joints of Drill Pipe						
								Float, Reamers Drill Collars, Bit				Elmo Hamblet	DM	8
	2 conn. Det.							Total Depth at End of Tour	2430			James Kaba	MM	8
								Total Depth at Beginning of Tour	2345					
							Footage Drilled This Tour	85			GARY Newell	FM	8	
							Hours Actually Drilling			7 1/2				
3RD TOUR	Shale & Lime		2430		Check Miters & pressure O.B. 3:18 PM.			Up on Kelly			B.F. Kay Jr	Drill	8	
								Joints of Drill Pipe						
								Float, Reamers Drill Collars, Bit				Johnny Mampin	DM	8
	1 conn - Det							Total Depth at End of Tour	2520			Art Lehman	MM	8
								Total Depth at Beginning of Tour	2430					
							Footage Drilled This Tour	90			Harold Hutchings	FM	8	
							Hours Actually Drilling							

BIT RECORD

Run No.	Make of Bit	Type of Bit	Size of Bit	Serial No. of Bit	Commenced Drilling	Finished Drilling	Hours Actually Drilling	Footage Drilled	Average Ft. Per Hr.	Depth When Pulled	Remarks, Condition of Bit, Core Recovery
3	Sec.	S6	7 7/8	708088	8:10 P.M.	M.	17	300		2430	
4	H.T.C.	osc	7 7/8	15746		M.					
						M.					
						M.					
						M.					
						M.					

LUBRICATION, REPAIRS, ETC.

Total Hours Actually Drilling _____ Total Footage Drilled _____ Average Ft. Per Hour _____

DAILY DRILLING REPORT

JOHN O. FARMER, INC.

Russell, Kansas

Company John O Farmer Lease Colberg

Date 6-19-64 Well No. A-1 County Trego State Kansas

Rig No. 1
Section 27 Township 14 Range 21 Elevation 2111 DF

	FORMATION RECORD					MUD RECORD		DRILL STRING RECORD			EMPLOYEES RECORD		
	FORMATION	HARDNESS	FROM	TO	REMARKS	Weight	Viscosity	Description	Feet	Ins.	NAME	Capacity	Hours
1ST TOUR	Shale & Lime		2520	2610	Set rig			Up on Kelly			Herman Mick	Drlg	8
								Joints of Drill Pipe					
	1 conn-det							Float, Reamers Drill Collars, Bit			Edwin Schardt	DM	8
								Total Depth at End of Tour	2610		Darrel Berry	MM	8
								Total Depth at Beginning of Tour	2520				
2ND TOUR	Lime & Shale		2610	2700	check & Grease Rig tot. Pits S.H.T. 2600 Pull Bit #4			Up on Kelly			Raymond Kaba	Drill	8
								Joints of Drill Pipe					
	2 Conn Det.							Float, Reamers Drill Collars, Bit			Elmo Hamblet	DM	8
								Total Depth at End of Tour	2700		James Kaba	MM	8
								Total Depth at Beginning of Tour	2610				
3RD TOUR	Lime & shale		2700		Check Motors & grease rig O.B. 3:30 PM.			Up on Kelly			O.F. Kopke	Drill	8
								Joints of Drill Pipe					
	1 conn-det							Float, Reamers Drill Collars, Bit			Johnny Mannin	D.M	8
								Total Depth at End of Tour	2825		Art Lohman	MM	8
								Total Depth at Beginning of Tour	2700				
							Footage Drilled This Tour	125			Harold Hutchings	F.M	8
							Hours Actually Drilling						

BIT RECORD

Run No.	Make of Bit	Type of Bit	Size of Bit	Serial No. of Bit	Commenced Drilling	Finished Drilling	Hours Actually Drilling	Footage Drilled	Average Ft. Per Hr.	Depth When Pulled	Remarks, Condition of Bit, Core Recovery
4	Htc	osc	7 3/8	15746	3:10 P.M.	M.	19	770		2700	
5	Reed	Y-T	7 7/8	244241		M.					
						M.					
						M.					
						M.					
						M.					

LUBRICATION, REPAIRS, ETC.

Total Hours Actually Drilling _____ Total Footage Drilled _____ Average Ft. Per Hour _____

DAILY DRILLING REPORT

Rig No. 1

JOHN O. FARMER, INC.

Company Nat. Ass. Pet. Co. Lease Colberg

Section 27 Township 14 Range 21 Elevation 2111 DF

Russell, Kansas

Date 6-20-64 Well No. A-1 County Trego State Kansas

	FORMATION RECORD					MUD RECORD		DRILL STRING RECORD			EMPLOYEES RECORD					
	FORMATION	HARDNESS	FROM	TO	REMARKS	Weight	Viscosity	Description	Feet	Ins.	NAME	Capacity	Hours			
1ST TOUR	Shale & Lime		2825		Ser rig. New spark plug in back mtr. Repair rotary chain. Down thr 10 min			Up on Kelly			Herman Mick	Drlg	8			
	1 Can - Det					Float, Reamers Drill Collars, Bit								Edwin Schrandt	DM	8
						Total Depth at End of Tour			2935							
						Total Depth at Beginning of Tour			2825					Louis Becker	FM	8
				Footage Drilled This Tour			110									
								Hours Actually Drilling		6 1/2						
2ND TOUR	Shale & Lime		2935	3040	check. & Grease Rig det. Pits Pull Bit # 5			Up on Kelly			Raymond Kaba	Drill	8			
	2. Conn. Det.					Float, Reamers Drill Collars, Bit								Elmo Hamblet	DM	8
						Total Depth at End of Tour			3040							
						Total Depth at Beginning of Tour			2935					GARY Newell	FM	8
				Footage Drilled This Tour			105									
								Hours Actually Drilling		6 1/2						
3RD TOUR	Shale & Lime		3040		Check Motors & grease rig O.B. 3:05 PM.			Up on Kelly			P.F. Kipke	Drill	8			
	Mix Mud					Float, Reamers Drill Collars, Bit								Johnny Maupin	DM	8
	35 SX Starck					Total Depth at End of Tour			3165							
	5 SX 2 egg 1					Total Depth at Beginning of Tour			3040					Harold Hutchings	FM	8
5 SX Hulls				Footage Drilled This Tour			125									
								Hours Actually Drilling								

BIT RECORD

Run No.	Make of Bit	Type of Bit	Size of Bit	Serial No. of Bit	Commenced Drilling	Finished Drilling	Hours Actually Drilling	Footage Drilled	Average Ft. Per Hr.	Depth When Pulled	Remarks, Condition of Bit, Core Recovery
5	Reed	yt	7 1/2	244241	3:20 P.M.	M.	19	348		3040	
6	H.T.C.	buiv	7 1/8	15849		M.					
						M.					
						M.					
						M.					
						M.					

LUBRICATION, REPAIRS, ETC.

Total Hours Actually Drilling _____ Total Footage Drilled _____ Average Ft. Per Hour _____

DAILY DRILLING REPORT

JOHN O. FARMER, INC.

Russell, Kansas

Company Nat. ASS. Pet. Co. Lease Colberg

Date 6-21-64 Well No. A-1 County Trego State Kansas

Township 14 Range 21 Elevation 2111 DF

FORMATION RECORD

MUD RECORD

DRILL STRING RECORD

EMPLOYEES RECORD

	FORMATION	HARDNESS	FROM	TO	REMARKS	MUD RECORD		DRILL STRING RECORD			EMPLOYEES RECORD		
						Weight	Viscosity	Description	Feet	Ins.	NAME	Capacity	Hours
1ST TOUR	Shale & Lime		3165		Set rig			Up on Kelly			Herman Mick	Drlg	8
								Joints of Drill Pipe					
								Float, Reamers					
								Drill Collars, Bit			Edwin Schrandt	DM	8
								Total Depth at End of Tour	3300		Darrel Berry	MM	8
								Total Depth at Beginning of Tour	3165				
								Footage Drilled This Tour	135		Louis Becker	FM	8
							Hours Actually Drilling		7 1/2				
2ND TOUR	Shale & Lime		3300	3360	check & grease rig S.H.F. Pull. Bit # 6			Up on Kelly			Raymond Kuba	Drill	8
	8 Impexmex							Joints of Drill Pipe					
	3 shale							Float, Reamers			Elmo Hamblet	DM	8
	10 Hull.							Drill Collars, Bit					
								Total Depth at End of Tour	3360		James Kuba	MM	8
								Total Depth at Beginning of Tour	3300				
								Footage Drilled This Tour	60		GARY Newell	FM	8
							Hours Actually Drilling		6 1/2				
3RD TOUR	Shale & Lime		3360		check motor & grease rig O.R. 3:25 P.M.			Up on Kelly			C.F. Kopke	Drill	8
								Joints of Drill Pipe					
								Float, Reamers			Johnny Maurin	DM	8
						pump water off pits			Drill Collars, Bit				
								Total Depth at End of Tour	3420		Hutchman	MM	8
								Total Depth at Beginning of Tour	3360				
								Footage Drilled This Tour	60		Harold Hutchings	FM	8
							Hours Actually Drilling						

BIT RECORD

LUBRICATION, REPAIRS, ETC.

Run No.	Make of Bit	Type of Bit	Size of Bit	Serial No. of Bit	Commenced Drilling	Finished Drilling	Hours Actually Drilling	Footage Drilled	Average Ft. Per Hr.	Depth When Pulled	Remarks, Condition of Bit, Core Recovery
6	Htc	OWV	7 3/8	15849	3:25 P.M.	M.	19	320		3360	
7	H.t.c	W7	7 3/8	17377		M.					
						M.					
						M.					
						M.					
						M.					

Total Hours Actually Drilling _____ Total Footage Drilled _____ Average Ft. Per Hour _____

DAILY DRILLING REPORT

Rig No. 1

JOHN O. FARMER, INC.

Company Nat. Ass. Pet. Co. Lease Colberg

Section 27 Township 14 Range 21 Elevation 2111 DF

Russell, Kansas

Date 6-22-64 Well No. A-1 County Trego State Kansas

	FORMATION RECORD				MUD RECORD		DRILL STRING RECORD			EMPLOYEES RECORD			
	FORMATION	HARDNESS	FROM	TO	REMARKS	Weight	Viscosity	Description	Feet	Ins.	NAME	Capacity	Hours
1ST TOUR	Shale & Lime		3420		Ser rig			Up on Kelly			Herman Mick	Dlg	8
								Joints of Drill Pipe					
								Float, Reamers Drill Collars, Bit			Edwin Schrandt	DM	8
								Total Depth at End of Tour	3485		Darrel Berry	MM	8
							Total Depth at Beginning of Tour	3420					
							Footage Drilled This Tour	65			Louis Becker	FM	8
							Hours Actually Drilling		7 1/2				
2ND TOUR	Lime & Shale		3485	3535	check & GREASE RIG			Up on Kelly			Raymond Kaba	Drill	8
	8 Impermet							Joints of Drill Pipe					
	6 Gycogel							Float, Reamers Drill Collars, Bit			Elmo Hamblet	Dm	8
	1 Hull							Total Depth at End of Tour	3535		James Kaba	mm	8
							Total Depth at Beginning of Tour	3485					
							Footage Drilled This Tour	50			BARRY Newell	Fm	8
							Hours Actually Drilling		7				
3RD TOUR	Lime & Shale		3535		Check Motors & grease rig			Up on Kelly			A. F. Kopke	Drill	8
					Circ 1 hr @ 3546 ft Sample			Joints of Drill Pipe					
	1 WCo time				Trip & strap D. P. O. B 755 PM			Float, Reamers Drill Collars, Bit			Johnny Maupin	D.M	8
								Total Depth at End of Tour	3565		Art Lehman	MM	8
							Total Depth at Beginning of Tour	3535					
							Footage Drilled This Tour	30			Harold Hutchings	FM	8
							Hours Actually Drilling						

BIT RECORD

Run No.	Make of Bit	Type of Bit	Size of Bit	Serial No. of Bit	Commenced Drilling	Finished Drilling	Hours Actually Drilling	Footage Drilled	Average Ft. Per Hr.	Depth When Pulled	Remarks, Condition of Bit, Core Recovery
7	Htc	W7	7 7/8	17377	3 00 P.M.	M.	21	190		3550	
8	SM	L-4	7 7/8	22459		M.					
						M.					
						M.					
						M.					
						M.					

LUBRICATION, REPAIRS, ETC.

Total Hours Actually Drilling _____ Total Footage Drilled _____ Average Ft. Per Hour _____

DAILY DRILLING REPORT

JOHN O. FARMER, INC.

Russell, Kansas

Company Nat. ASS. Pet. Co. Lease Colberg

Date 6-23-64 Well No. A-1 County Trego State Kansas

Section 27 Township 14 Range 21 Elevation 2111 DF

	FORMATION RECORD					MUD RECORD		DRILL STRING RECORD			EMPLOYEES RECORD		
	FORMATION	HARDNESS	FROM	TO	REMARKS	Weight	Viscosity	Description	Feet	Ins.	NAME	Capacity	Hours
1ST TOUR	Lime		3565	3615	Set rig			Up on Kelly			Herman Mick	Drilg	8
								Joints of Drill Pipe					
								Float, Reamers Drill Collars, Bit			Edwin Schrandt	DM	8
								Total Depth at End of Tour	3615		Darrel Barry	MM	8
								Total Depth at Beginning of Tour	3565				
								Footage Drilled This Tour	50		Louis Becker	FM	8
2ND TOUR	Lime		3615	3655	check & grease rig pull bit #8			Up on Kelly			Raymond Kahn	Drill	8
	6 temperex							Joints of Drill Pipe					
	1 Pull.							Float, Reamers Drill Collars, Bit			Elmo Hamblet	DM	8
								Total Depth at End of Tour	3655		James Kahn	MM	8
								Total Depth at Beginning of Tour	3615				
								Footage Drilled This Tour	40		Gary Maxwell	FM	8
3RD TOUR	Lime		3655		check motor & grease rig New Springs in front coupling New Magnetics front motor O.B. 5:45 PM.			Up on Kelly			P.F. Kopf	Drill	8
								Joints of Drill Pipe					
								Float, Reamers Drill Collars, Bit			Johnny Maupin	D.M.	8
								Total Depth at End of Tour	3695		Art Lehman	MM	8
								Total Depth at Beginning of Tour	3655				
								Footage Drilled This Tour	40		Harold Hutchings	FM	8

BIT RECORD											LUBRICATION, REPAIRS, ETC.		
Run No.	Make of Bit	Type of Bit	Size of Bit	Serial No. of Bit	Commenced Drilling	Finished Drilling	Hours Actually Drilling	Footage Drilled	Average Ft. Per Hr.	Depth When Pulled	Remarks, Condition of Bit, Core Recovery		
8	S.M.	L-4	7 3/8	72459	7 ⁵⁰ P.	M.	15	108		3658			
9	H.T.C.	WT	7 7/8	4311		M.							
						M.							
						M.							
						M.							
						M.							

Total Hours Actually Drilling _____ Total Footage Drilled _____ Average Ft. Per Hour _____

DAILY DRILLING REPORT

Rig No. 1
 Section 27 Township 14 Range 21 Elevation 2111 DF

JOHN O. FARMER, INC.
 Russell, Kansas

Company John O Farmer Lease Colberg
 Date 6-24-64 Well No. A-1 County Trego State Kansas

	FORMATION RECORD				MUD RECORD		DRILL STRING RECORD			EMPLOYEES RECORD				
	FORMATION	HARDNESS	FROM	TO	REMARKS	Weight	Viscosity	Description	Feet	Ins.	NAME	Capacity	Hours	
1ST TOUR	Lime	3	3695	3745	Ser rig			Up on Kelly			Herman Mick	Drlg	8	
								Joints of Drill Pipe						
								Float, Reamers Drill Collars, Bit				Edwin Schrandt	DM	8
								Total Depth at End of Tour	3745			Darrel Berry	MM	8
								Total Depth at Beginning of Tour	3695					
								Footage Drilled This Tour	50			Louis Becker	FM	8
2ND TOUR	Lime & shale		3745	3805	check & Grease Rig Set Hole S. Pit			Up on Kelly			Raymond Kahn	Drill	8	
	6 temper mat 1 H. Wall							Joints of Drill Pipe						
								Float, Reamers Drill Collars, Bit				Elmo Hamblet	DM	8
								Total Depth at End of Tour	3805			James Kahn	MM	8
								Total Depth at Beginning of Tour	3745					
								Footage Drilled This Tour	60			Gary Newell	FM	8
3RD TOUR	Lime + shale		3805		check motor & grease rig trip O.R. 7:50 P.M.			Up on Kelly			C.F. Kapte	Drill	8	
								Joints of Drill Pipe						
								Float, Reamers Drill Collars, Bit				Johnny Maupin	DM	8
								Total Depth at End of Tour	3805			Art Lehman	MM	8
								Total Depth at Beginning of Tour	3805					
								Footage Drilled This Tour	30			Harold Hutelings	FM	8

BIT RECORD											LUBRICATION, REPAIRS, ETC.		
Run No.	Make of Bit	Type of Bit	Size of Bit	Serial No. of Bit	Commenced Drilling	Finished Drilling	Hours Actually Drilling	Footage Drilled	Average Ft. Per Hr.	Depth When Pulled	Remarks, Condition of Bit, Core Recovery		
9	HFC	W7	7 3/8	4311	5-45 M.	M.	19	164		3822			
10	SM			R.P.		M.							
						M.							
						M.							
						M.							
						M.							

Hours Actually Drilling _____ Total Footage Drilled _____ Average Ft. Per Hour _____

DAILY DRILLING REPORT

JOHN O. FARMER, INC.

Russell, Kansas

Company Nat. Ass. Pet. Co. Lease Colberg

Date 6-25-64 Well No. A-1 County Trego State Kansas

Rig No. 1
Section 27 Township 14 Range 21 Elevation 2111 DF

	FORMATION RECORD				MUD RECORD		DRILL STRING RECORD			EMPLOYEES RECORD				
	FORMATION	HARDNESS	FROM	TO	REMARKS	Weight	Viscosity	Description	Feet	Ins.	NAME	Capacity	Hours	
1ST TOUR			3835	3880	Set rig Circ 3880			Up on Kelly			Herman Mick	Drlg	8	
								Joints of Drill Pipe						
								Float, Reamers Drill Collars, Bit				Edwin Schrandt	DM	8
								Total Depth at End of Tour	3880			Darrel Berry	MM	8
								Total Depth at Beginning of Tour	3835					
								Footage Drilled This Tour	55			Louis Becker	FM	8
							Hours Actually Drilling			6 1/2				
2ND TOUR			3880	3890	check & grease rig D.S.T. #1			Up on Kelly			Raymond Kaba	Drill	8	
								Joints of Drill Pipe						
								Float, Reamers Drill Collars, Bit				Elmo Hamblet	DM	8
								Total Depth at End of Tour	3890			James Kaba	mm	8
								Total Depth at Beginning of Tour	3880					
								Footage Drilled This Tour	10			Gary Newell	FM	8
							Hours Actually Drilling			1 1/2				
3RD TOUR			3890		Check miters & grease rig Finish D.S.T. O.B. @ 4:15 PM Circ 1/2 in for core drilling Circ 1/2 in @ 3910 for samples			Up on Kelly			D.F. Kipke	Drill	8	
								Joints of Drill Pipe						
								Float, Reamers Drill Collars, Bit				Johnny Maupin	D.M	8
								Total Depth at End of Tour	3930			Hydeman	MM	F
								Total Depth at Beginning of Tour	3890					
								Footage Drilled This Tour	40			Harold Hutchings	FM	8
							Hours Actually Drilling							

BIT RECORD											LUBRICATION, REPAIRS, ETC.		
Run No.	Make of Bit	Type of Bit	Size of Bit	Serial No. of Bit	Commenced Drilling	Finished Drilling	Hours Actually Drilling	Footage Drilled	Average Ft. Per Hr.	Depth When Pulled	Remarks, Condition of Bit, Core Recovery		
					M.	M.							
					M.	M.							
					M.	M.							
					M.	M.							
					M.	M.							
					M.	M.							

Total Hours Actually Drilling _____ Total Footage Drilled _____ Average Ft. Per Hour _____

DAILY DRILLING REPORT

JOHN O. FARMER, INC.

Russell, Kansas

Company Nat. Ass. Pet. Co. Lease Colberg

Date 6-26-64 Well No. A-1 County Trego State Kansas

Rig No. 1
Section 27 Township 14 Range 21 Elevation 2111 DF

	FORMATION RECORD				MUD RECORD		DRILL STRING RECORD			EMPLOYEES RECORD			
	FORMATION	HARDNESS	FROM	TO	REMARKS	Weight	Viscosity	Description	Feet	Ins.	NAME	Capacity	Hours
1ST TOUR	Mixed				Set rig			Up on Kelly			Herman Mick	D19	8
	8 SKs S/gel				Circ 2 hrs at 3939			Joints of Drill Pipe					
	<u>7 3/4 hrs Co time</u>				Pulled out of hole to 109			Float, Reamers Drill Collars, Bit			Edwin Schrandt	DM	8
								Total Depth at End of Tour	3939			Darrel Berry	MM
2ND TOUR					check & Casase rig			Total Depth at Beginning of Tour	3930				
	<u>5 1/2 Co time</u>				Finish Logging			Footage Drilled This Tour	9		Louis Becker	FM	8
					wait on orders			Hours Actually Drilling		1/4			
					go in hole to lay down			Up on Kelly				Raymond Robt	DRILL
3RD TOUR					Wheel pipe			Joints of Drill Pipe					
	Plug #1 540 - 20 lbs cement				Lay down DRILL pipe			Float, Reamers Drill Collars, Bit					
	" #2 180 - 20 lbs cement							Total Depth at End of Tour			James Kaban	mm	8
	#3 40 - 10 lbs cement				Plug hole Jear down			Total Depth at Beginning of Tour			Gary Newell	FM	8
							Footage Drilled This Tour						
							Hours Actually Drilling						
							Up on Kelly				C.F. Kopke	DRILL	8
							Joints of Drill Pipe				Johannie Mapin	DM	8
							Float, Reamers Drill Collars, Bit				Art Lehman	mm	8
							Total Depth at End of Tour						
							Total Depth at Beginning of Tour				Harold Hutchings	FM	8
							Footage Drilled This Tour						
							Hours Actually Drilling						

BIT RECORD											LUBRICATION, REPAIRS, ETC.		
Run No.	Make of Bit	Type of Bit	Size of Bit	Serial No. of Bit	Commenced Drilling	Finished Drilling	Hours Actually Drilling	Footage Drilled	Average Ft. Per Hr.	Depth When Pulled	Remarks, Condition of Bit, Core Recovery		
						M.	M.						
						M.	M.						
						M.	M.						
						M.	M.						
						M.	M.						
						M.	M.						

Total Hours Actually Drilling _____ Total Footage Drilled _____ Average Ft. Per Hour _____