NAPCO-23A

NATIONAL ASSOCIATED PETROLEUM COMPANY

FIFTH FLOOR RITZ BUILDING

TULSA 3, OKLAHOMA

TIME LOG

FARM	WELL NO.	LOCATION
Richard Wagner	1	
COUNTY	**STATE**	**CONTRACTOR** / **DATE**
Rooks	Kansas	

DEPTH FROM	DEPTH TO	DRILLING TIME BEGAN	DRILLING TIME ENDED	ACTUAL TIME	REMARKS
3200	1	8:44	49	5	
	2		55	6	
	3		9:03	8	
	4		10	7	
	5		16	6	Little odor
	6		22	6	
	7		28	6	
	8		34	6	
	9		40	6	
	3210		44	4	
	11		49	5	
	12		54	5	
	13		58	4	
	14		10:04	6	
	15		08	4	
	16		12	4	Vis. 40 Wt. 9.9
	17		18	6	
	18		25	7	
	19		30	5	
	3220		37	7	
	21		45	8	
	22		51	6	
	23		57	6	
	24	11:06	11	5	CONN + Rig
	25		18	7	
	26		24	6	
	27		31	7	
	28		37	6	
	29		41	4	
	3230		44	3	odor
	31		47	3	
	32		51	4	
	33		55	4	
	34		58	3	
	35		12:02	4	
	36				
	37				
	38				
	39				
	3240				
	41				
	42				
	43				
	44				
	45				
	46				
	47				
	48				
	49				
	3250				

INSTRUCTIONS: Fill out this report in TRIPLICATE (Original and two carbon copies). Special care must be given to making this report legible and accurate. After completion of drilling, send these reports to: National Associated Petroleum Company, Fifth Floor, Ritz Building, Tulsa, Oklahoma, if they have not been picked up at the well by the Geologist.

NAPCO-23A

NATIONAL ASSOCIATED PETROLEUM COMPANY

FIFTH FLOOR RITZ BUILDING

TULSA 3, OKLAHOMA

TIME LOG

FARM	WELL NO.	LOCATION
R A WAGNER	#1	Riffel Pimple

COUNTY	STATE	CONTRACTOR	DATE
Rooks	Ks	Thoroughbred DRLg Co	4-21-66

DEPTH FROM	DEPTH TO	DRILLING TIME BEGAN	DRILLING TIME ENDED	ACTUAL TIME	REMARKS
3150	51	1256	1:09	13	
	52		19	10	
	53		28	9	
	54		38	10	
	3155		52	14	
	56		2:02	10	VIS-38-W99
	57		12	10	
	58		25	13	
	59		33	8	
	3160		37	4	[redacted]
	61		41	4	Conn
	62	346	50	4	
	63		58	8	
	64		3:02	4	
	3165		04	2	
	66		07	3	
	67		13	6	
	68		19	6	
	69		27	8	
	3170		39	12	
	71		52	13	
	72		4:01	9	
	73		05	4	
	74		08	3	
	3175		15	7	
	76		26	11	
	77		40	14	
	78		55	15	
	79		5:11	16	Trip
	3180	7:21	28	7	
	81		32	4	
	82		35	3	
	83		37	2	
	84		38	1	
	3185		41	3	
	86		43	2	
	87		46	3	
	88		49	3	
	89		52	3	
	3190		55	3	
	91		58	3	
	92		8:02	4	Conn. & Swivel
	93	09	12	3	
	94		15	3	
	3195		20	5	
	96		23	3	
	97		28	5	
	98		33	5	
	99		38	5	
3199	3200		44	6	

INSTRUCTIONS: Fill out this report in TRIPLICATE (Original and two carbon copies). Special care must be given to making this report legible and accurate. After completion of drilling, send these reports to: National Associated Petroleum Company, Fifth Floor, Ritz Building, Tulsa, Oklahoma, if they have not been picked up at the well by the Geologist.

NAPCO-23A

NATIONAL ASSOCIATED PETROLEUM COMPANY

FIFTH FLOOR RITZ BUILDING

TULSA 3, OKLAHOMA

TIME LOG

FARM	WELL NO.	LOCATION
Wagner	1	SE-SW-SE- 32-6S-17W

COUNTY	STATE	CONTRACTOR	DATE
Rooks	Kansas	Thoroughbred Drlg Co.	4-21-66

DEPTH FROM	DEPTH TO	DRILLING TIME BEGAN	DRILLING TIME ENDED	ACTUAL TIME	REMARKS
3100	01	4:38	4:45	7	
	02		53	8	
	03		5:03	10	
	04		11	8	
	05		18	7	
	06		24	6	
	07		31	7	
	08		40	9	
	09		51	11	
	3110		6:03	12	
	11		11	8	
	12		16	5	
	13		23	7	
	14		33	10	
	15		42	9	
	16		49	7	
	17		52	3	
	18		7:07	15	
	19		17	10	
	3120		22	5	
	21		25	3	
	22		30	5	
	23		35	5	
	24		40	5	
	25		45	5	
	26		50	5	
	27		58	8	
	28		8:07	9	
	29		19	12	
	3130		28	9	Conn Jetted fish & cellar CK Rig
	31	9:05	14	9	
	32		34	20	Hopper open
	33		45	11	
	34		58	13	
	35		1015	17	
	36		30	15	
	37		48	18	
	38		110.5	17	Vis-35-99
	39		19	14	
	3140		33	14	Hopper open
	41		40	7	
	42		55	15	
	43		12:07	12	
	44		12	5	
	45		17	5	
	46		22	5	
	47		27	5	
	48		35	8	
	49		43	8	
	3150		56	13	

INSTRUCTIONS: Fill out this report in TRIPLICATE (Original and two carbon copies). Special care must be given to making this report legible and accurate. After completion of drilling, send these reports to: National Associated Petroleum Company, Fifth Floor, Ritz Building, Tulsa, Oklahoma, if they have not been picked up at the well by the Geologist.

NAPCO-23A

NATIONAL ASSOCIATED PETROLEUM COMPANY

FIFTH FLOOR RITZ BUILDING

TULSA 3, OKLAHOMA

TIME LOG

STOP 3106

FARM	WELL NO.	LOCATION
Wagner	#1	Biffel & Pimple
COUNTY	**STATE**	**CONTRACTOR** / **DATE**
Rooks	Ks	Thoroughbred Drlg / 4-20-66

DEPTH FROM	DEPTH TO	DRILLING TIME BEGAN	DRILLING TIME ENDED	ACTUAL TIME	REMARKS
3050	3051	10:47	11:02	15	
	52		12	10	
	53		27	15	
	54		45	18	
	3055		1200	15	
	56		12	12	
	57		25	13	
	58		38	13	VIS-39-wt-10
	59		55	17	
	3060		1:06	11	
	61		22	16	Trip New YSIGJ
	62	3:50	57	7	
	63		4:03	6	
	64		07	4	
	3065		10	3	
	66		12	2	
	67		19	7	
	68		25	6	
	69		30	5	conn. & swivel
	3070	4:34	37	3	
	71		39	2	
	72		41	2	
	73		47	6	
	74		54	7	
	3075		5:00	6	VIS. 40 Wt. 9.9
	76		07	7	
	77		12	5	
	78		16	4	
	79		20	4	
	3080		26	6	
	81		33	7	
	82		40	7	
	83		47	7	
	84		54	7	
	3085		6:00	6	
	86		05	5	
	87		14	9	
	88		26	12	
	89		40	14	
	3090		54	14	
	91		7:09	15	
	92		18	9	
	93		23	5	
	94		34	11	
	3095		42	8	
	96		48	6	
	97		51	3	
	98		55	4	
	99		8:07	12	
	3100		20	13	Stop @ 3100'

INSTRUCTIONS: Fill out this report in TRIPLICATE (Original and two carbon copies). Special care must be given to making this report legible and accurate. After completion of drilling, send these reports to: National Associated Petroleum Company, Fifth Floor, Ritz Building, Tulsa, Oklahoma, if they have not been picked up at the well by the Geologist.

NAPCO-23A

NATIONAL ASSOCIATED PETROLEUM COMPANY

FIFTH FLOOR RITZ BUILDING

TULSA 3, OKLAHOMA

TIME LOG

FARM	WELL NO.	LOCATION	
COUNTY	STATE	CONTRACTOR	DATE

DEPTH FROM	DEPTH TO	DRILLING TIME BEGAN	DRILLING TIME ENDED	ACTUAL TIME	REMARKS
3000	1	1:07	17	10	
	2		26	9	
	3		32	6	R.
	4		41	9	
	3005		50	9	Vis 38 wt 10 -
	6		2:05	15	Stop
	7	3:31	38	7	C.F.S.
	8	3:50	57	7	Conn & Rig
	9		4:06	9	
30	10		:19	13	
	11		27	8	
	12		35	8	
	13		47	12	
	14		58	11	
30	15		508	10	
	16		18	10	
	17		29	11	
	18		38	9	
	19		46	8	
3020			59	13	
	21		6:09	10	
	22		21	12	
	23		28	7	
	24		36	8	
30	25		42	6	
	26		48	6	
	27		54	6	
	28		7:00	6	
	29		5	5	
30	30		12	6	
	31		20	8	Rough
	32		28	8	
	33		36	8	Vis-39-wt-10
	34		42	6	
3035			50	8	
	36		58	8	
	37		8:05	7	conn ck rig & swivel
	38	8:20	27	7	
	39		35	8	
30	40		45	10	Rough
	41		58	13	
	42		9:13	15	Vis-37-wt 9
	43		25	12	Jetted pits
	44	9:44	56	12	
30	45		10:05	9	Hoppen open
	46		20	15	Rough
	47		1026	6	
	48		31	5	
	49		39	8	
30	50		47	8	Stop @ 3055

INSTRUCTIONS: Fill out this report in TRIPLICATE (Original and two carbon copies). Special care must be given to making this report legible and accurate. After completion of drilling, send these reports to: National Associated Petroleum Company, Fifth Floor, Ritz Building, Tulsa, Oklahoma, if they have not been picked up at the well by the Geologist.

NAPCO-23A

NATIONAL ASSOCIATED PETROLEUM COMPANY

FIFTH FLOOR RITZ BUILDING

TULSA 3, OKLAHOMA

TIME LOG

FARM	WELL NO.	LOCATION
Wagner	1	

COUNTY	STATE	CONTRACTOR	DATE
Rooks	Kansas		

DEPTH FROM	DEPTH TO	DRILLING TIME BEGAN	DRILLING TIME ENDED	ACTUAL TIME	REMARKS
2950	51	7:39	45	6	
	52		50	5	
	53		53	3	
	54		57	4	
	55		8:03	6	
	56		14	11	
	57		25	11	
	58		38	13	
	59		48	10	
	2960		54	6	
	61		58	4	
	62		9:02	4	
	63		06	4	
	64		10	4	
	65		15	5	
	66		19	4	
	67		23	4	
	68		27	4	
	69		32	5	
	2970		37	5	
	71		41	4	
	72		46	5	Vis. 40 Wt. 10 —
	73		50	4	
	74		54	4	
	75		59	5	Conn. & set Time 15 min.
	76	10:18	23	5	
	77		34	11	
	78		42	8	
	79		49	7	
	2980		57	8	
	81		11:03	6	
	82		11	8	
	83		19	8	
	84		28	9	
	85		38	10	
	86		44	6	
	87		50	6	
	88		57	7	
	89		12:02	5	
	2990		07	5	
	91		11	4	
	92		16	5	
	93		20	4	
	94		24	4	
	95		30	6	@ 3006'
	96		35	5	
	97		42	7	
	98		50	8	Stop
	99		59	9	
	3000		1:07	8	5' samples

INSTRUCTIONS: Fill out this report in TRIPLICATE (Original and two carbon copies). Special care must be given to making this report legible and accurate. After completion of drilling, send these reports to: National Associated Petroleum Company, Fifth Floor, Ritz Building, Tulsa, Oklahoma, if they have not been picked up at the well by the Geologist.

NAPCO-23A

NATIONAL ASSOCIATED PETROLEUM COMPANY

FIFTH FLOOR RITZ BUILDING

TULSA 3, OKLAHOMA

TIME LOG

FARM	WELL NO.	LOCATION
Wagner	1	

COUNTY	STATE	CONTRACTOR	DATE
Rooks	Kansas		

DEPTH FROM	DEPTH TO	DRILLING TIME BEGAN	DRILLING TIME ENDED	ACTUAL TIME	REMARKS
2900	2901	2 2 5	27	2	
	2	9	29	2	
	3		31	2	
	4		33	2	
	2905		36	3	
	6		41	5	
	7		47	6	
	8		54	7	
	9		3:01	7	
	2910		08	7	V-S odor
	11		15	7	
	12		25	10	
	13		35	10	CONN. Swivel + Rig
	14	46	53	7	C.F.S.
	2915	4:26	34	8	
	16		40	6	
	17		48	8	
	18		55	7	
	19		5:04	9	
	2920		12	8	
	21		21	9	
	22		29	8	
	23		34	5	
	24		38	4	
	25		42	4	
	26		45	3	
	27		48	3	
	28		51	3	
	29		55	4	
	2930		59	4	
	31		6:03	4	
	32		08	5	
	33		13	5	
	34		17	4	
	35		22	5	
	36		27	5	
	37		33	6	
	38		37	4	
	39		41	4	
	2940		46	5	
	41		52	6	
	42		57	5	
	43		7:02	5	
	44		07	5	CONN.
	45	7:12	16	4	
	46		19	3	
	47		24	5	
	48		29	5	
	49		34	5	
	2950		39	5	

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NATIONAL ASSOCIATED PETROLEUM COMPANY

FIFTH FLOOR RITZ BUILDING

TULSA 3, OKLAHOMA

TIME LOG

FARM	WELL NO.	LOCATION	
COUNTY	**STATE**	**CONTRACTOR**	**DATE**

DEPTH		DRILLING TIME		ACTUAL TIME	REMARKS
FROM	TO	BEGAN	ENDED		
2850	2851	7:00	AM 702	2	Conn CK Rig
	52	7:12	15	3	
	53		17	2	
	54		20	3	
	2855		22	2	
	56		26	4	
	57		30	4	
	58		35	5	
	59		43	8	
	2860		50	7	
	61		55	5	
	62		801	6	
	63		8	7	
	64		15	7	Vis 48- WT - 10
	2865		20	5	
	66		25	5	
	67		33	8	
	68		41	8	
	69		49	8	
	2870		56	7	
	71		9:03	7	
	72		8	5	
	73		13	5	
	74		19	6	
	2875		24	5	
	76		30	6	
	77		36	6	
	78		44	8	
	79		54	10	
	2880		10:00	6	
	81		6	6	
	82		14	8	Conn Trip
	83	1240	45	5	
	84		49	4	
	2885		52	3	
	86		55	3	
	87		101	6	
	88		7	6	Hopper open
	89		13	6	
	2890		20	7	
	91		30	10	
	92		34	4	
	93		38	4	
	94		42	4	
	2895		54	12	
	96		2:05	11	
	97		15	10	
	98		18	3	
	99		22	4	
	2900		25	3	

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NAPCO-23A

NATIONAL ASSOCIATED PETROLEUM COMPANY

FIFTH FLOOR RITZ BUILDING

TULSA 3, OKLAHOMA

TIME LOG

FARM	WELL NO.	LOCATION
R. A. Wagner	1	32 6S 17W

COUNTY	STATE	CONTRACTOR	DATE
Rooks	Kansas	Thatcher Drilling Co.	

DEPTH FROM	DEPTH TO	DRILLING TIME BEGAN	DRILLING TIME ENDED	ACTUAL TIME	REMARKS
2800	01	3:24	28	4	
	02		33	5	
	03		41	8	
	04		46	5	
	05		54	8	
	06		4:04	10	
	07		11	7	
	08		16	5	
	09		21	5	
	2810		26	5	
	11		31	5	
	12		33	2	
	13		35	2	
	14		38	3	
	15		43	5	
	16		48	5	
	17		52	4	
	18		57	5	
	19		5:03	6	
	2820		07	4	
	21		11	4	
	22	5:17	22	5	
	23		26	4	
	24		29	3	
	25		32	3	
	26		36	3	
	27		38	2	
	28		39	1	
	29		41	2	
	2830		43	2	
	31		47	3	
	32		50	3	
	33		54	4	
	34		58	4	
	35		6:03	5	
	36		09	6	
	37		13	4	
	38		18	5	
	39		20	2	
	2840		26	6	
	41		30	4	
	42		34	4	
	43		40	6	
	44		43	3	
	45		45	2	
	46		48	3	
	47		51	3	
	48		54	3	
	49		58	4	
	2850		7:00	2	

1090'
- 1046'
44/51
29

INSTRUCTIONS: Fill out this report in TRIPLICATE (Original and two carbon copies). Special care must be given to making this report legible and accurate. After completion of drilling, send these reports to: National Associated Petroleum Company, Fifth Floor, Ritz Building, Tulsa, Oklahoma, if they have not been picked up at the well by the Geologist.

NAPCO-23A

NATIONAL ASSOCIATED PETROLEUM COMPANY

FIFTH FLOOR RITZ BUILDING

TULSA 3, OKLAHOMA

TIME LOG

FARM	WELL NO.	LOCATION
Wagner	1	

COUNTY	STATE	CONTRACTOR	DATE
Rooks	Kansas		

DEPTH FROM	DEPTH TO	DRILLING TIME BEGAN	DRILLING TIME ENDED	ACTUAL TIME	REMARKS	
2750	51	9:28	31	3		
	52		34	3		
	53		37	3		
	54		42	5		
	55		46	4	Trip to STraped D.P.	
	56	12:15	20	5		
	57		25	5		
	58		30	5	62-93	62-77
	59		12:36	6 CONN	61-40	61-36
	2760	1:00	1:05	5 Jet to 2nd Pit	62-90	62-14
	61		10	5	60-27	62-94
	62		12	2	62-92	62-83
	63		15	3	62-97	62-75
	64		18	3	62-17	62-92
	65		22	4	435.56	437.71
	66		25	3		
	67		29	4	62-15	60-40
	68		33	4	62-96	62-12
	69		36	3	61-36	63-14
	2770		40	4	62-06	63-
	71		43	3	60-53	62-20
	72		48	5	62-93	62-91
	73		51	3	59-78	62-18
	74		55	4	431.77	435.95
	75		58	3		62-92
	76		2:01	3	62-10	62-96
	77		04	3	61-31	62-93
	78		06	3	62-86	
	79		10	4	61-38	62-93
	2780		14	4	61-31	62-12
	81		19	5	62-97	60-10
	82		24	5	62-95	373.98
	83		29	5	434.88	
	84		33	4		
	85		35	2	211.18	
	86		39	4	435.56	
	87		43	4	437.71	
	88		47	4	431.77	
	89		50	3	435.95	
	2790		54	4	434.88	
	91	2:58	3:00	2 CONN	373.98	
	92		02	2	2761.03 STraped	
	93		04	2	2759.03 B	
	94		06	2	2.00	
	95		08	2		
	96		11	3		
	97		14	4		
	98		17	3		
	99		20	3		
	2800		24	4		

INSTRUCTIONS: Fill out this report in TRIPLICATE (Original and two carbon copies). Special care must be given to making this report legible and accurate. After completion of drilling, send these reports to: National Associated Petroleum Company, Fifth Floor, Ritz Building, Tulsa, Oklahoma, if they have not been picked up at the well by the Geologist.

NAPCO-23A

NATIONAL ASSOCIATED PETROLEUM COMPANY

FIFTH FLOOR RITZ BUILDING

TULSA 3, OKLAHOMA

TIME LOG

FARM	WELL NO.	LOCATION
Wagner	1	

COUNTY	STATE	CONTRACTOR	DATE
Rooks	Kansas		

DEPTH FROM	DEPTH TO	DRILLING TIME BEGAN	DRILLING TIME ENDED	ACTUAL TIME	REMARKS
2700	1	7.44	45	1	
	2		46	1	
	3		47	1	
	4		48	1	
	5		49	1	
	6		50	1	
	7		51	1	
	8		52	1	
	9		54	2	
	2710		57	3	
	11		8:01	4	
	12		05	4	
	13		07	2	
	14		10	3	
	15		13	3	
	16		16	3	
	17		19	3	
	18		23	4	
	19		25	2	
	2720		27	2	
	21		29	2	
	22		30	1	
	23		32	2	
	24		33	1	
	25		34	1	
	26		35	1	
	27		36	1	COAL
	28	40	41	1	
	29		42	1	
	2730		44	2	
	31		46	2	
	32		47	1	
	33		49	2	
	34		50	1	
	35		51	1	
	36		53	2	
	37		54	1	
	38		56	2	
	39		57	1	
	2740		59	2	
	41		9:00	1	
	42		01	1	
	43		02	1	
	44		05	3	
	45		10	5	
	46		14	4	
	47		17	3	
	48		21	4	
	49		25	4	
	2750		28	3	

INSTRUCTIONS: Fill out this report in TRIPLICATE (Original and two carbon copies). Special care must be given to making this report legible and accurate. After completion of drilling, send these reports to: National Associated Petroleum Company, Fifth Floor, Ritz Building, Tulsa, Oklahoma, if they have not been picked up at the well by the Geologist.

NAPCO-23A

NATIONAL ASSOCIATED PETROLEUM COMPANY

FIFTH FLOOR RITZ BUILDING

TULSA 3, OKLAHOMA

TIME LOG

FARM	WELL NO.	LOCATION
Wagner	1	

COUNTY	STATE	CONTRACTOR	DATE
Rooks	Kansas		

DEPTH FROM	DEPTH TO	DRILLING TIME BEGAN	DRILLING TIME ENDED	ACTUAL TIME	REMARKS
2650	55	~~5:20~~	4/3	23	Pump
	60	59	6:13	14	
	65		28	15	conn.
	70	32	37	5	
	75		42	5	
	80		57	15	
	85		7.16	19	
	90		25	9	
	95		35	10	conn.
	2700	39	44	5	1' Drlg. Time

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NAPCO-23A

NATIONAL ASSOCIATED PETROLEUM COMPANY

FIFTH FLOOR RITZ BUILDING

TULSA 3, OKLAHOMA

TIME LOG

FARM	WELL NO.	LOCATION
Wagner	2	

COUNTY	STATE	CONTRACTOR	DATE
Rooks	Kansas		

DEPTH FROM	DEPTH TO	DRILLING TIME BEGAN	DRILLING TIME ENDED	ACTUAL TIME	REMARKS
2400	2405	~~9~~ 32	46	14	
	10	"	58	12	
	15		5:13	15	CONN
	20	5:20	35	15	
	25		47	12	Trip
	30	7:45 AM	57	12	WT. 10
	35		8:12	15	
	40		28	16	
	45		40	12	Conn Jetted pits
	50	8:55	9:02	7	
	55		12	10	
	60		28	16	
	65		41	13	
	70		52	11	
	2475		10:00	8	
	80		9	9	Conn
	85	1015	21	6	
	90		28	7	
	95		38	10	
	2500		48	10	
	5		58	10	
	10		11:07	9	Conn Cat head ajusted Brakes.
	15	1125	29	4	
	20		35	6	
	2525		41	6	
	30		49	8	
	35		54	5	
	40		58	4	Conn
	45	1202	6	4	
	2550		13	7	WT 10-1
	55		20	7	
	60		28	8	
	65		35	7	
	70		46	11	Conn
	2575	1252	1:05	13	
	80		17	12	Value cap gasket on mud pump.
	85	1:29	37	8	
	90		47	10	
	95		55	8	
2595	2600		2:04	9 Conn	10' samples.
	5	2:20	29	9	Mud pump
	10		39	10	
	15		3:03	24	
	20		25	22	
	25		42	17	
	2630		4:02	20	
	35		24	22	CONN. swivel + Rig
	40	31	46	15	
	45		5:00	14	
	2650		20	20	

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NATIONAL ASSOCIATED PETROLEUM COMPANY

FIFTH FLOOR RITZ BUILDING

TULSA 3, OKLAHOMA

TIME LOG

FARM	WELL NO.	LOCATION
Wagner	1	

COUNTY	STATE	CONTRACTOR	DATE
Rooks	Kansas		

DEPTH FROM	DEPTH TO	DRILLING TIME BEGAN	DRILLING TIME ENDED	ACTUAL TIME	REMARKS
2150	55	4:48	57	9	
	60		5:04	7	
	65		10	6	
	70		15	5	CONN.
	75	19	25	6	
	80		31	6	
	85		38	7	
	90		45	7	
	95		52	7	
	2200		58	6	CONN
	5	6:03	10	7	
	10		17	7	
	15		21	4	
	20		24	3	
	25		34	10	
	30		53	19	CONN.
	35	58	10	12	
	40		26	16	
	45		39	13	
	50		57	18	
	55		8:20	23	
	60		38	18	
	65	42	54	12	
	70		9:11	17	
	75		25	14	
	80		40	15	
	85		55	15	
	90		10:08	13	CONN.
	95	10:12	31	19	
	2300		48	17	
	5		11:05	17	
	10		24	19	
	15		37	13	
	20		53	16	
	25		12:05	13	CONN & Rig
	30	12:15	12:31	16	
	35	12:31	45	14	
	40		1:04	19	
	45		18	14	
	50		31	13	
	55		51	20	CONN
	60	2:00	2:14	14	
	65		32	18	
	70		51	19	
	75		3:09	18	
	80		27	18	
	85		47	20	CONN
	90	3:52	4:04	12	
	95		17	13	
	2400		32	15	

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NATIONAL ASSOCIATED PETROLEUM COMPANY

FIFTH FLOOR RITZ BUILDING

TULSA 3, OKLAHOMA

TIME LOG

A.M.

FARM	WELL NO.	LOCATION
WAGNER	1	

COUNTY	STATE	CONTRACTOR	DATE
ROOKS	KS.		4-17-66

DEPTH FROM	DEPTH TO	DRILLING TIME BEGAN	DRILLING TIME ENDED	ACTUAL TIME	REMARKS
1900	05	4:53	5:05	13	
	10	5:05	5:15	10	
	15		5:25	10	CONN
	20	5:29	5:38	13	
	25		5:53	15	
	30		6:06	13	
	35		6:16	10	
	40		6:26	10	
	45		6:35	9	
	50		47	12	CONN
	55	7:04	17	13	
	60		24	7	
	65		34	10	
	70		45	11	
	75		57	12	
	80		8:07	10	conn. Jet shale Pit
	85	29	46	11	
	90		55	15	WT. 9.9
	95	9.06	906	11	
	2000		18	12	
	5		26	8	
	10		34	8	CONN.
	15	38	47	9	
	20		10.00	13	
	25		14	14	
	30		27	13	
	35		41	14	
	40		57	16	CONN.
	45	11.01	13	12	
	50		23	10	
	55		35	12	WT. 9.8
	60		45	10	
	65		55	10	
	70		12.07	12	
	75		24	17	CONN.
	80	28	39	11	
	85		50	11	
	90		1.07	17	WT 9.8
	95		21	14	set Time
	2100	31	2:53	22	Trip
	5	3:34	40	6	CONN. & swivel
	10	48	55	7	
	15	4.01	.01	6	
	20		07	6	
	25		15	8	
	30		18	3	
	35	4:23	21	3	CONN.
	40	25	32	9	
	45		40	8	
	2150		48	8	

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NATIONAL ASSOCIATED PETROLEUM COMPANY

FIFTH FLOOR RITZ BUILDING

TULSA 3, OKLAHOMA

TIME LOG

FARM	WELL NO.	LOCATION
Wagner	1	
COUNTY	**STATE**	**CONTRACTOR** / **DATE**
Rooks	Kansas	

DEPTH FROM	DEPTH TO	DRILLING TIME BEGAN	DRILLING TIME ENDED	ACTUAL TIME	REMARKS
1670	75	9:34	39	5	
	80		45	6	
	85		50	5	
	90		55	5	
	95		10:01	6	
	1700		07	6	CONN.
	5	11	16	6	
	10		20	4	
	15		25	5	
	20		30	5	
	25		36	6	
	30		44	8	CONN. & RIG
	35	10:59	11:04	5	
	40		09	5	
	45		14	5	
	50		18	4	
	55		25	7	
	60		33	8	CONN
	65	11:38	48	10	
	70		57	9	
	75		12:05	8	
	80		14	9	
	85		22	8	
	90		31	9	CONN
	95	12:36	43	7	
	1800		50	7	
	5		1:58	8	
	10		1:05	7	
	15		1:20	15	
	20	3:00	3:15	15	TRIP FOR BIT #4 OSC-5
	25		3:21	6	CONN
	30	3:26	3:29	3	
	35		3:33	4	
	40		3:38	5	
	45		3:42	4	
	50		3:47	5	
	55		3:53	6	
	60	3:58	4:02	4	CONN
	65		4:06	4	
	70		4:10	4	
	75		4:15	5	
	80		4:23	8	
	85		4:31	8	CONN
	90	4:37	4:42	5	
	95		4:47	5	
	1900		4:53	6	

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NATIONAL ASSOCIATED PETROLEUM COMPANY

FIFTH FLOOR RITZ BUILDING

TULSA 3, OKLAHOMA

TIME LOG

FARM	WELL NO.	LOCATION
Wagner	1	

COUNTY	STATE	CONTRACTOR	DATE
Books	Kansas		

DEPTH FROM	DEPTH TO	DRILLING TIME BEGAN	DRILLING TIME ENDED	ACTUAL TIME	REMARKS
1550	55	5:57	59	2	
	60		6:02	3	
	65		05	3	
	70		08	3	
	75		11	3	CONN.
	80	15	18	4	
	85		22	4	
	90		25	3	
	95		29	4	
	1600		33	4	
	5		36	3	
	10		39	3	CONN.
	15	43	46	3	
	20		50	4	
	25		56	6	
	30		02	6	
	35		07	5	
	40		11	4	CONN.
	45	15	19	4	
	50		23	4	30' LONG
	55		27	4	
	60		31	4	
	65		35	4	Board
	70	39	44	5	CONN.
	75		50	6	
	80		56	6	
	85		03	7	
	90		09	6	
	95		15	6	
	1700		23	8	CONN.
	5				
	10				
	15				
	20				
	25				
	30				
	35				
	40				
	45				
	50				
	55				
	60				
	65				
	70				
	75				
	80				
	85				
	90				
	95				
	1800				

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NATIONAL ASSOCIATED PETROLEUM COMPANY

FIFTH FLOOR RITZ BUILDING

TULSA 3, OKLAHOMA

TIME LOG

FARM	WELL NO.	LOCATION
Wagner	1	

COUNTY	STATE	CONTRACTOR	DATE
Rooks	Kansas		

DEPTH FROM	DEPTH TO	DRILLING TIME BEGAN	DRILLING TIME ENDED	ACTUAL TIME	REMARKS
1300	1305	2:25	39	14	Trip, Strap pipe going back in hole 1301'88
	10		50	11	
	15		56	6	
15	20		3:01	5	
31	25		06	5	
	30		11	5	CONN. Swivel + Rig
	35	18	21	3	
	40		24	3	
	45		27	3	
	1350		30	3	
	55		33	3	
	60		36	3	
	65		38	2	CONN.
	70	42	46	4	
	75		50	4	
	80		54	4	
	85		58	4	
	90		4:02	4	
	95		06	4	CONN.
	1400	10	13	3	
	5		16	3	
	10		19	3	
	15		22	3	
	20		24	2	
	25		27	3	CONN.
	30	31	30	3	
	35		33	3	
	40		36	3	
	45		39	3	
	50		42	3	
	55		44	2	CONN.
	60	48	51	3	
	65		54	3	
	70		58	4	
	75		5:01	3	
	80		04	3	
	85		07	3	CONN.
	90	11	14	3	
	95		16	2	
	1500		18	2	
	5		21	3	
	10		24	3	
	15		27	3	CONN.
	20	31	34	3	
	25		38	4	
	30		41	3	
	35		44	3	
	40		47	3	
	45		50	3	CONN.
	1550	54	57	3	

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NATIONAL ASSOCIATED PETROLEUM COMPANY

FIFTH FLOOR RITZ BUILDING

TULSA 3, OKLAHOMA

TIME LOG

S-32 - TW-6S - R-17W

FARM	WELL NO.	LOCATION	
R.A. Wagner	#1	Reffel & Pimple	
COUNTY	**STATE**	**CONTRACTOR**	**DATE**
Rooks	Ks	Thoroughbred	4-16-66

DEPTH FROM	DEPTH TO	DRILLING TIME BEGAN	DRILLING TIME ENDED	ACTUAL TIME	REMARKS
1000	1005	930 AM.		9:32	2
	10			34	2
	15			35	1
	20			36	1 Conn
	1025	9:44	9:46	2	
	30		48	2	
	35		50	2	
	40		52	2	
	45		54	2	
	1050		56	2	Conn
	55	1003	5	2	
	60		8	3	
	65		10	2	
	70		12	2	
	1075		14	2	
	80		16	2	Conn
	85	1020	22	2	
	90		24	2	
	95		26	2	
1095	1100		28	2	
	5		30	2	
	10		32	2	Conn
	15	1037	38	1	
	20		39	1	
	1125		42	1	
	30		43	1	
	35		44	2	
	40		45	1	
	45		47	2	Conn
	1150	1052	54	2	
	55		55	1	
	60		56	1	
	65		57	1	
	70		58	1	1245
	1175		11:01	3	Conn
	80	1108	10	2	
	85		12	2	
	90		14	2	
	95		16	2	
1195	1200		17	1	
	5		18	1	Conn
	10	1123	25	2	
	15		28	3	
	20		32	4	Rough
	1225		36	4	
	30		40	4	
	35		50	10	
	40		1202	12	Conn
	45	1213	30	18	Trip for bit & set flt. one joint to many
	1250				

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