

DRILLING TIME REPORT

COMPANY: NAT'L ASSOC. PET CO

COUNTY: _____

LEASE: HERLICK

SEC. _____ TWP. _____ RANGE _____

NO. #1

TYPE OF RIG _____

TYPE OF INDICATOR _____

MUD WEIGHT _____

WEIGHT ON DRILL PIPE _____

MUD VISCOSITY: _____

R.P.M. ROTARY TABLE: _____

CONTRACTOR: BERENTZ DRILL CO

DEPTH		ACTUAL DRILLING TIME		MINUTES PER	REMARKS	BIT NO.
FROM	TO	BEGAN	ENDED			
1148	52	10 ⁰³	10 ⁰⁵	2	1276 12 ⁴⁴ 7	3
	56		10 ⁰⁷	2	80 1 ⁰⁴ 7	
1160	60		10 ⁰⁹	2	84 1 ¹² 8	
	64		10 ¹¹	2	88 1 ¹⁵ 3	
	68		10 ¹³	2	92 1 ¹⁸ 3	
	72		10 ¹⁵	2	96 1 ²² 4	
	76		10 ¹⁸	3	1300 1 ²⁶ 4	
1180	80		10 ²³	5	04 1 ³⁰ 4	
	84	10 ⁴¹	10 ⁴⁵	4	09 1 ³⁴ 3	Conn
	88		10 ⁵⁰	5	12 1 ³⁹ 2	
	92		10 ⁵⁶	6	16 1 ⁴⁸ 9	
	96		11 ⁰⁴	8	1320 1 ⁵⁵ 7	
1200	100		11 ¹²	7	24 1 ⁵⁹ 4	
	104		11 ¹⁵	4	26 2 ⁰³ 4	
	108		11 ²⁰	5	32 2 ⁰⁷ 2	
	112		11 ²⁶	6	34 2 ⁰⁸ 3	
	116	11 ³⁰	11 ³⁵	5	1340 2 ¹¹ 3	Conn.
1220	120		11 ⁴¹	6	44 2 ¹⁷ 3	
	124		11 ⁴⁵	4	48 2 ²⁰ 3	
	128		11 ⁴⁸	3	52 2 ²⁵ 5	
	132		11 ⁵¹	3	56 2 ²⁸ 3	
	136		11 ⁵⁵	4	1360 2 ³⁷ 9	
1240	140		11 ⁵⁸	3	64 2 ⁴⁴ 7	
	144		12 ⁰⁸	4	68 2 ⁵⁰ 4	
	148		12 ¹⁰	2	72 2 ⁵³ 8	Conn.
	152		12 ¹³	3	74 2 ⁵⁷ 4	
	156		12 ¹⁴	3	76 3 ¹³ 6	
1260	160		12 ²⁰	4	1380 3 ²³ 10	
	164		11 ²⁵	5	84 3 ³³ 10	
	168		12 ³³	8	88 3 ⁴⁰ 7	
	172		12 ⁴¹	13	92 3 ⁵³ 12	

DESIGNATE A.M. AND P.M. TIME.

RECORD TIME TOUR IS CHANGED UNDER REMARKS.

ACTUAL DRILLING TIME IS TIME SPENT IN DRILLING THE DEPTH, SHUT DOWN TIME IS SPENT SHUT DOWN FOR REPAIRS, ROUND TRIPS, WATER, ETC. SHOW WHEN BIT IS CHANGED AND KIND OF NEW BIT. MENTION ROUND TRIPS IN REMARKS COLUMN. FILL OUT THIS FORM FROM TOP TO BOTTOM OF HOLE.

DRILLING TIME REPORT

COMPANY: NAT'L ASSOC. PET CO

COUNTY: MORRIS

LEASE: HERICK

SEC. _____ TWP. _____ RANGE _____

NO. # 1

TYPE OF RIG _____

TYPE OF INDICATOR _____

MUD WEIGHT _____

WEIGHT ON DRILL PIPE _____

MUD VISCOSITY: _____

R.P.M. ROTARY TABLE: _____

CONTRACTOR: BERENTZ DRIG CO

DEPTH		ACTUAL DRILLING TIME		MINUTES PER	REMARKS	BIT NO.
FROM	TO	BEGAN	ENDED			
900	04	432	435	3	10 28 645 649	4
	08		439	4	32 652	3
	12		442	3	36 655	4
	16		446	4	40 700	4
	20		458	12	44 708	8
	24		501	3	48 714	6
	28		504	3	52 715	4
	32	508	512	4	56 721	6
	36		521	9	60 725 728	3
	40		524	3	64 750	2
	44		526	2	68 732	2
	48		529	3	72 736	4
	52		532	3	76 740	4
	56		535	3	1080 848 853	5
	60		538	3	84 858	5
	64	543	546	3	88 903	5
	68		551	5	92 907 910	3
	72		555	4	96 912	2
	76		558	3	1100 915	3
	80		603	5	4 917	2
	84		608	5	8 920	3
	88		611	3	12 923	3
	92		613	2	16 928	5
	96	612	620	3	20 932 935	3
	1000		622	2	24 939	4
	04		626	4	28 944	5
	08		629	3	32 949	5
	12		632	3	36 953	4
	16		635	3	40 955	2
	1020		638	3	44 957	2
	24		641	3	48 959	2

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DRILLING TIME REPORT

COMPANY: _____

COUNTY: _____

LEASE: _____

SEC. _____ TWP. _____ RANGE _____

NO. _____

TYPE OF RIG _____

TYPE OF INDICATOR _____

MUD WEIGHT _____

WEIGHT ON DRILL PIPE _____

MUD VISCOSITY: _____

R.P.M. ROTARY TABLE: _____

CONTRACTOR _____

DEPTH		ACTUAL DRILLING TIME		MINUTES PER	REMARKS	DEPTH	TIME	1711N	REMARKS	BIT NO.
FROM	TO	BEGAN	ENDED							
13 92	96	3 52	3 57	4	Conn	1520	9 40	3		
	14 00	4 01	4 04	5		24	9 45	5		
	4		4 14	10		28	9 50	3	CONN	
	8		4 20	4		32	9 56	3		
	12		4 24	4		36	9 58	2		
	16		4 33	9		1540	10 01	3		
	14 20		4 43	10		44	10 04	3		
	24		4 51	8		48	10 06	2		
	28		4 58	7		52	10 09	3		
	32	5 05	5 12	6	concrete	56	10 12	3		
	36		5 19	7		1560	10 20	3	CONN	
	14 40		5 30	11		64	10 24	4		
	44		5 40	10		68	10 27	3		
	48		5 50	10		72	10 31	4		
	52		6 02	12		76	10 35	4		
	56		6 10	10		1580	10 38	3		
	14 60		6 20	10		84	10 42	4		
	64	7 24	7 26	8	trips	88	10 45	3		
	68		7 51	7	Pumps	92	10 50	3	CONN	
	72		7 55	4		96	10 56	3		
	76		8 03	8		1600	10 59	3		
	14 80		8 10	7		04	11 03	4		
	84		8 15	5		08	11 06	3		
	88		8 22	7		12	11 09	3		
	92		8 32	8	Rig	16	11 12	3		
	96		8 54	8	CONN	1620	11 20	3	CONN (5)	
	15 02		9 02	14		24	11 23	3		
	04		9 12	10		28	11 26	3		
	08		9 29	11		32	11 29	3		
	12		9 34	5		36	11 32	3		
	16		9 37	3		1640	11 36	4		

DESIGNATE A.M. AND P.M. TIME.

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DRILLING TIME REPORT

COMPANY: NATL ASSOC PET CO
 LEASE: HERPICH
 NO. II 1

COUNTY: MORRIS

SEC. _____ TWP. _____ RANGE _____

TYPE OF RIG _____

TYPE OF INDICATOR _____

MUD WEIGHT _____

WEIGHT ON DRILL PIPE _____

MUD VISCOSITY: _____

R.P.M. ROTARY TABLE: _____

CONTRACTOR BERENTZ DRAG CO

DEPTH		ACTUAL DRILLING TIME		MINUTES PER		REMARKS				BIT NO.
FROM	TO	BEGAN	ENDED			DEPTH	TIME	MIN	SECONDS	
1640	44	11 36	11 40	4		68	4 21	9 00		
	48		11 44	4		72	6 22	6		
	52	11 48	11 53	4	CONN	76	6 32	5	CON	
	56		11 57	4		1780	6 38	6 40	2	
1660			12 01	4		84		6 49	9	
	60		12 05	9		88		6 54	9	
	68		12 24	14		92		7 07	9	
	72		12 30	6		96		7 14	7	
	76		12 34	4		1800		7 24	10	
1680			12 38	4		80		7 32	9	CON
	84		12 42	4	CONN	84	8 12	8 19	7	PUT ON HIGH CHAIN
	88		12 52	11		12		8 28	9	
	92		1 08	11		16		8 34	6	
	96		1 13	7		1820		8 45	11	
1700			1 28	13		24		8 51	6	
	84		1 39	11		28		9 05	14	
	88		1 52	13		32		9 18	13	
	12		2 06	14		36		9 32	14	CON
	16	2 20	2 32	12	CONN 9	1840	9 36	9 50	14	
1720			2 44	12	JET BITS	48		10 05	15	
	24		2 56	12		48		10 21	16	
	28		3 08	12		52		10 42	19	
	32		3 18	10		56		10 52	17	
	36		3 29	11		1860		11 04	7	
1740			3 40	11		64		11 15	11	
	44		3 50	10		68		11 28	13	CON
	48	3 53	4 02	12	CONN	72	11 33	11 42	10	
	52		4 13	11	TRIP	76		11 53	10	
	56	5 30	5 45	15	WIRED ON PUMP	1880		12 04	11	
1760		5 40	6 02	12		84		12 13	9	
	64		6 12	10		88		12 20	7	

DESIGNATE A.M. AND P.M. TIME.

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DRILLING TIME REPORT

COMPANY: Wall Assoc. pet. co.
 LEASE: Salich
 NO. 1

COUNTY: Marion
 SEC. _____ TWP. _____ RANGE _____
 TYPE OF RIG _____
 MUD WEIGHT _____
 MUD VISCOSITY: _____
 CONTRACTOR _____

#5 June 1750

DEPTH		ACTUAL DRILLING TIME		MINUTES PER	REMARKS	DEPTH	TIME	min	BIT NO.
FROM	TO	BEGAN	ENDED						
1888	1892	12 ²⁰	12 ⁴³	23		2016	12 ⁰⁴	9	
	94		1 ¹²	32		2020	12 ¹²	8	
	1900		1 ⁵⁰	28	Waiting 7	24	12 ¹⁸	6	JET BIT
	04		2 ⁰⁷	17		28	12 ³⁴	5	CONN
	08		2 ¹⁴	7		32	12 ⁴⁰	6	22 GE.
	12		2 ²⁵	11		36	12 ⁴⁵	5	23 A
	16		2 ⁵⁴	29		20 40	12 ⁵⁰	5	2 H.
	1920		3 ²⁵	31		44	12 ⁵⁶	6	1 FS
	24		3 ⁵¹	24		48	1 ⁰³	7	
	28		4 ¹⁶	25		52	1 ¹³	10	
	32		4 ⁴⁹	28	Conn 5	56	1 ²⁰ / ³²	12	CONN
	36		5 ¹⁰	27		2060	1 ⁴²	10	
	1940		5 ⁴⁵	27		64	1 ⁵⁰	8	
	44		6 ⁰¹	24		68	1 ⁵⁷	7	
	48		6 ³⁵	28		72	2 ¹⁰	13	
	52		6 ⁵⁵	20		76	2 ¹⁷	7	
	56		7 ⁰¹	6		2080	2 ²⁵	8	
	1960		7 ¹⁰	9		84	2 ³¹	6	
	64	920	7 ³²	12	Tip, O.W.V.	78	2 ³⁷ / ⁴⁹	12	CONN
	68		9 ⁴⁵	18		92	2 ⁵⁸	9	
	72		9 ⁵⁸	13		96	3 ⁰⁶	8	
	76		10 ¹⁰	12		2100	3 ¹¹	11	
	1980		10 ²³	13		04			
	84		10 ³⁰	7		08			
	88		10 ⁴⁰	10		12			
	92		10 ⁵²	12		16			
	96	1052	11 ⁰²	12	CONN	2120			
	2000		11 ²¹	12		24			
	04		11 ³²	14					
	08		11 ⁴⁷	12					
	12		11 ⁵³	8					

2117 T. D. Schlanke

DESIGNATE A.M. AND P.M. TIME.

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DRILLING TIME REPORT

COMPANY: NATK ASSOC PET Co
 LEASE: HERPICK
 NO. 1
 TYPE OF INDICATOR _____
 WEIGHT ON DRILL PIPE _____
 R.P.M. ROTARY TABLE _____

COUNTY: MORRIS
 SEC. 2 TWP. 16 RANGE 5
 TYPE OF RIG _____
 MUD WEIGHT _____
 MUD VISCOSITY: _____
 CONTRACTOR BERENTZ DRILLING Co.

DEPTH		ACTUAL DRILLING TIME		MINUTES PER	REMARKS	BIT NO.
FROM	TO	BEGAN	ENDED			
2160	62	617	621	4		
	64		626	5		
	66		631	5		
	68		635	4		
	70		641	6		
	72		645	4		
	74		650	5		
	76		656	6		
	78		659	3	CON	
2180	703	708	708	5		
	82		715	7		
	84		721	6		
	86		728	7		
	88		736	8		
2190			743	7		
	92		750	7		
	94		758	8	SR	
	96		807	9		
	98		814	7	R	
2200			821	7	CIRC for samples 1 hr.	
	1029	1038	1038	9	R	Light Plant-
	4		1049	10	R	
	6		1100	11		
	8		1107	7		
2210			1102	5	CON	
	12	1115	1123	7		
	14		1130	7		
	16		1140	10		
2219			1144	4	R+D	

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DRILLING TIME REPORT

COMPANY: NAT'L ASSOC PET CO

COUNTY: MORIS

LEASE: HERPICH

SEC. _____ TWP. _____ RANGE _____

NO. _____

TYPE OF RIG _____

TYPE OF INDICATOR _____

MUD WEIGHT _____

WEIGHT ON DRILL PIPE _____

MUD VISCOSITY: _____

R.P.M. ROTARY TABLE: _____

CONTRACTOR: BERENTZ DRILL CO

DEPTH		ACTUAL DRILLING TIME		MINUTES PER	REMARKS	BIT NO.
FROM	TO	BEGAN	ENDED			
2100	02	317	3 ²³	6		
	04		3 ²⁹	6		
	06		3 ³⁴	5		
	08		3 ³⁸	4		
	21 10		3 ⁴¹	3		
	12		3 ⁴⁴	3		
	14		3 ⁵⁰	6		
	16	3 ⁵⁴	3 ⁵⁸	4	CONN (4)	
	18		4 ⁰¹	3		
	21 20		4 ⁰⁵	4		
	22		4 ⁰⁸	3		
	24		4 ¹³	5		
	26		4 ²⁰	7		
	28		4 ²⁶	6		
	21 30		4 ³³	7		
	32		4 ³⁹	6		
	34		4 ⁴¹	2	V1934	
	36		4 ⁴³	4	WT 9.7	
	38		4 ⁴⁸	5		
	21 40		4 ⁵³	5		
	42		4 ⁵⁹	6		
	44		5 ¹¹	12		
	46		5 ¹⁹	8	CSN	
	48	5 ²²	5 ²⁶	4		
	21 50		5 ⁴⁵	9		
	52		5 ⁴⁹	4		
	54		5 ⁵⁸	6		
	56		6 ⁰⁰	5		
	58		6 ⁰⁹	9		
	21 60		6 ¹⁷	8	DRILL 10' IN CHAT & CIR	

DESIGNATE A.M. AND P.M. TIME.

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