

EARLY DRILLING REPORT
2-40

7 year Drilling Company

COMPANY	LEASE	DATE
Biggs Energy	MACMA-LA GRANDE #1	1/26/74
SUBJECT	STATE	RIG NO.
West Lake Union	Oregon	01R 5
		D. P. STRING NO.
		SIZE

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	DM	NAME
							PAT STEELE
							WARREN WALKER
							CHARLES DUDLEY

SLOPE TEST
(GIVE NAME)

① PT. 535-46-9084 STEVE HOKANSON
DEG. OFF JOE STEELE

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	WEIGHT	WEIGHT ON BIT	DRILLING	SIZE ON P.	SIZE COLL.	JTS. D. P.	FT.
	WTR. LOSS-C. C		CORING				
	FILTER CAKE		OTHER				
	PH.		REPAIRS				
	MTL. ADDED (REMARKS)		TRIP				
REMARKS:				TOTAL			

Big up -

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	DM	NAME
							W. T. WOODICK
							JOE BOACH
							VICK BLACK
							CHUCK HANWITZ

SLOPE TEST
(GIVE NAME)

① PT. DEG. OFF
DRILL STEM RECORD

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	WEIGHT	WEIGHT ON BIT	DRILLING	SIZE D. P.	SIZE COLL.	JTS. D. P.	FT.
	VISC.		CORING				
	WTR. LOSS-C. C		OTHER				
	FILTER CAKE		REPAIRS				
	PH.		TRIP				
	MTL. ADDED (REMARKS)						
REMARKS:				TOTAL			

Big up 29 gal 3 SKS' LIME
Started mixing mud for Rat Hole at 1:00 PM

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	DM	NAME

SLOPE TEST
(GIVE NAME)

① PT. DEG. OFF
MUD RECORD

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	WEIGHT	WEIGHT ON BIT	DRILLING	SIZE D. P.	SIZE COLL.	JTS. D. P.	FT.
	VISC.		CORING				
	WTR. LOSS-C. C		OTHER				
	FILTER CAKE		REPAIRS				
	PH.		TRIP				
	MTL. ADDED (REMARKS)						
REMARKS:				TOTAL			

DAILY DRILLING REPORT
B-43

7. floor Drilling Company

DATE 8-28-74
WELL NO. 1
R.T. NO.

COMPANY /
DISTRICT LA GRAND
COUNTY Union
LEVEL MAG-RA
STATE ORG
D. P. STRING NO. 1
SIZE

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
75	170	GRAPES SAND	100	10-300		UIC BLACK	8
						CHARLES DUDLEY	8
						STEVE HOKANSON	8

SLOPE TEST ACCIDENT: (GIVE NAME)

FT. DEG. OFF
DRILLER JOE STEELE

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	SIZE	WEIGHT	VISC.	DRILLING	CORING	SIZE COLL.	
171/2	50C	40/45				5065	1228
429986							
07							

REMARKS: 1200-1215 Rig Service 1215-215 POOH+ADD REAMER WASH
to bottom 215-613 Dr 18-615 700 RAP SAND TRAP 700-800
Dr 13

Gel 85x

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
170	345					WJ Wojcik	8
						Joe Roach	8
						Chuck Hunsiker	8

SLOPE TEST ACCIDENT: (GIVE NAME)

1 @ 200 FT. DRILLER Joe Roach 12

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	SIZE	WEIGHT	VISC.	DRILLING	CORING	SIZE D. P.	
171/2	50C						
429986							
0							

REMARKS: 900-830. Oil Rig 8:30-9:00 900-1015
Circ. Ran line 1015-2:30 mix mud 2:30-4:00 Dr 19

28 Gel 3 STs Limit 274

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
345	567		80/100	15-300		PAT STEELE	8
						Charles Dudley	8
						STEEL	
						RAY WILLIAMS	8

SLOPE TEST ACCIDENT: (GIVE NAME)

@ 477 FT. DRILLER WJ. LUGACK 4
JOE STEELE 4

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
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DAILY DRILLING REPORT
3-40

COMPANY: **Magma Energy** LEASE: **Magma LA GRANDE**
 DISTRICT: **Union** COUNTY: **OREGON**

DATE: **Aug 31, 1974**
 WELL NO.: **8** RIG NO.: **8**
 D. P. STRING NO.: **OR2** SIZE:

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
						Vic Black	8
						Chuck Hamrlet	8
						Stone Hokanson	8
SLOPE TEST							
ACCIDENT: - (GIVE NAME)							
②							
DEG. OFF							
BIT AND COREHEAD RECORD							
RUN NO.	SIZE	MAKE	WTR. LOSS-C.C.	FILTER CAKE	PH.	MTL. ADDED (REMARKS)	
REMARKS: 12⁰⁰ - 8⁰⁰ W.O.C.							

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
						Joe Roach	8
						Jim Maloney	8
						Steve Hokanson	8
SLOPE TEST							
ACCIDENT: - (GIVE NAME)							
②							
DEG. OFF							
BIT AND COREHEAD RECORD							
RUN NO.	SIZE	MAKE	WTR. LOSS-C.C.	FILTER CAKE	PH.	MTL. ADDED (REMARKS)	
REMARKS: 8⁰⁰ - 8³⁰ Run line to find Cement - 62 Feet down - 34 TO 11.5" Weld 1" line and Cement Annulus w/ 80 SKS - 370 GAL Cement Job Comp - 11.45 - 400 nipple up							

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
						Pat Steele	8
						Joe Roach	8
						George Hull	4
SLOPE TEST							
ACCIDENT: - (GIVE NAME)							
②							
DEG. OFF							
BIT AND COREHEAD RECORD							
RUN NO.	SIZE	MAKE	WTR. LOSS-C.C.	FILTER CAKE	PH.	MTL. ADDED (REMARKS)	
REMARKS: 8⁰⁰ - 8³⁰ Run line to find Cement - 62 Feet down - 34 TO 11.5" Weld 1" line and Cement Annulus w/ 80 SKS - 370 GAL Cement Job Comp - 11.45 - 400 nipple up							

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
						Pat Steele	8
						Joe Roach	8
						George Hull	4
SLOPE TEST							
ACCIDENT: - (GIVE NAME)							
②							
DEG. OFF							
BIT AND COREHEAD RECORD							
RUN NO.	SIZE	MAKE	WTR. LOSS-C.C.	FILTER CAKE	PH.	MTL. ADDED (REMARKS)	
REMARKS: 8⁰⁰ - 8³⁰ Run line to find Cement - 62 Feet down - 34 TO 11.5" Weld 1" line and Cement Annulus w/ 80 SKS - 370 GAL Cement Job Comp - 11.45 - 400 nipple up							

DAILY DRILLING REPORT
R-43

1. for Drilling Company

COMPANY: **Mazma Energy** WELL NO.: **1** DATE: **SEP 2, 1914**
 COUNTY: **Union** STATE: **OREG** RIG NO.:
 LEASE: **Mazma La Grande** D. F. STRING NO.: SIZE:

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
846	153		30	25	50	DIC BLACK	8
						Steve HANSON	8
						Chuck HANREITEE	8
SLOPE TEST							
1 @ 835 FT.							

BIT AND COREHEAD RECORD		MUD RECORD		DRILL RECORD		DRILL STEM RECORD	
RUN NO.	SIZE	WEIGHT	VISC.	DRILLING	CORING	SIZE D. P.	SIZE COLL.
3	7 1/8	41	34	5	11	18	18
MAKE	526 534	WTR. LOSS-C.	PH.	REPAIRS	TRIP	JTS. D. P.	KELLY DOWN
SERIAL NO.	415073					11	365
DEPTH IN	846					TOTAL	952
HOURS RUN	5 1/4	MTL. ADDED (REMARKS)					
REMARKS: 1 1/2 - 1 1/2 WASH + LEAN TO BOTTEM 120-930 DRIG 232-245 SLOPE TEST							
2 1/2 - 3 1/2 WASH TO BOTTEM 315-700 DRIG 700-800 GO THRU PUMP							

SPM 50 @ 300PSI Gel 4 SX CAUSTIC SODA / SX

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
953	982					Joe ROACH	8
						Jim MALONEY	8
						VIC BLACK	8
SLOPE TEST							
3 FT.							

BIT AND COREHEAD RECORD		MUD RECORD		DRILL RECORD		DRILL STEM RECORD	
RUN NO.	SIZE	WEIGHT	VISC.	DRILLING	CORING	SIZE D. P.	SIZE COLL.
7	7 1/8	4	778	1	3/4	19	16
MAKE	526 584	WTR. LOSS-C.C.	PH.	REPAIRS	TRIP	JTS. D. P.	KELLY DOWN
SERIAL NO.	415073					10	10
DEPTH IN	846					10 COLLARS	336
HOURS RUN	6 1/4	MTL. ADDED (REMARKS)				TOTAL	382

REMARKS: 800 TO 900 DRIG - 900 - 1005 P.O.H 1000 TO 12:30 PUMP/REP
 CHANG - SHAKO SCREEN - 12:30 - 1:45 - PICKUP SHOCK SUB GAIN
 hole w/ BIT 04 - 1:45 - 2:30 DRIG 230 400 GO THRU PUMP
 CHANGE SWAB - LINEP QUASTET

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
982	1003		50	28000	50	POT STEELE	8
						Don JENKINS	8
						Michael MATIAGO	8
SLOPE TEST							
3 FT.							

REMARKS: Don Jenkins -
 Potwrens Cease on tal Pump
 when Blks from CEAME Hit face
 JOE STEELE

DAILY DRILLING REPORT
R-43

Taylor Drilling Company

DATE Sept 3, 1974
WELL NO. _____
RIG NO. _____

COMPANY Magma Energy LEASE MAGNA LADY CANON
DISTRICT Union COUNTY Union STATE ORE D. P. STRING NO. _____ SIZE _____

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
1203	1031		50	25	500	110 BLACK	8
						CHUCK MALBERTER	8
						STEVE HOKANSON	8

ACCIDENT:-
(GIVE NAME)

SLOPE TEST
1/4 100 FT.

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	SIZE	WEIGHT	DRILLING	DRILLING	SIZE D. P.	DRILLING	DRILLING
44	7 7/8	47	41	500	6 3/8	5	16
MAKE	SCOTT	WTR. LOSS-C.C.	REPAIRS	REPAIRS	JTB. D. P.	OTHER	6 3/8
SERIAL NO.	164558	FILTER CAKE	TRIP	TRIP	KELLY DOWN	REPAIRS	6 3/8
DEPTH IN	958	PH.	MTL. ADDED (REMARKS)	MTL. ADDED (REMARKS)	10 COLLARS	TOTAL	10 3/8
HOURS RUN	2 1/4				TOTAL		10 3/8

REMARKS: 12⁰⁰-12³⁰ Core took hit bridges at 887, 944, 10150 10³⁰-10³⁵
Wash + Ream to bottom 330-718 DRIG - 712-743 Slope Test
7⁴²-8⁰⁰ DRIG - CARBONOX 1 SX Gal 4 SX
SPM 44 @ 500 psi.

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
1031	1116	BACAIT	50	25	500	JOE PACE	8
						JIM MALONEY	8
						PAT STEELE	5

ACCIDENT:-
(GIVE NAME)

SLOPE TEST
1/4 @ FT.

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	SIZE	WEIGHT	DRILLING	DRILLING	SIZE D. P.	DRILLING	DRILLING
44	7 7/8	47	41	500	6 3/8	5	16
MAKE	SCOTT	WTR. LOSS-C.C.	REPAIRS	REPAIRS	JTB. D. P.	OTHER	6 3/8
SERIAL NO.	164558	FILTER CAKE	TRIP	TRIP	KELLY DOWN	REPAIRS	6 3/8
DEPTH IN	958	PH.	MTL. ADDED (REMARKS)	MTL. ADDED (REMARKS)	10 COLLARS	TOTAL	10 3/8
HOURS RUN	2 1/4				TOTAL		10 3/8

REMARKS: 8⁰²-8⁴² DRIG - 845 930 Rep. Washout on mud line 930 12³⁸
12³⁰-2⁴⁵ TRIP CHECK FOR JET COLLAR 2'45-4'00 DRIG

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
1116	1227		50	25	500	PAT STEELE	8
						DONALD F. HADEN	5
						Geo Tilcock	5

ACCIDENT:-
(GIVE NAME)

SLOPE TEST
1⁰⁰ 1190 FT.

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	SIZE	WEIGHT	DRILLING	DRILLING	SIZE D. P.	DRILLING	DRILLING
44	7 7/8	47	41	500	6 3/8	5	16
MAKE	SCOTT	WTR. LOSS-C.C.	REPAIRS	REPAIRS	JTB. D. P.	OTHER	6 3/8
SERIAL NO.	164558	FILTER CAKE	TRIP	TRIP	KELLY DOWN	REPAIRS	6 3/8
DEPTH IN	958	PH.	MTL. ADDED (REMARKS)	MTL. ADDED (REMARKS)	10 COLLARS	TOTAL	10 3/8
HOURS RUN	2 1/4				TOTAL		10 3/8

DAILY DRILLING REPORT
R-43

7 year Drilling Compa

DATE Sept 11

COMPANY Magma La Grande LEASE 1 RIG NO. 5
 DISTRICT Mt. Vernon COUNTY OR D.P. STING NO. 312
Mt. Vernon OR 312

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
12271334			50	27	500	Dmitry Black	8
						EM Chuck Hamteifer	8
						N Steve Hanson	8
						H	
SLOPE TEST							
1 @ 1300 ft.							
ACCIDENT: - (GIVE NAME)							
DEC. OFF							
BIT AND FOREHEAD RECORD							
PUM NO.	718	WEIGHT	MUD RECORD		TIME RECORD		DRILL STEM RECORD
SIZE	506	VISC.	49		DRILLING	DRILLING	SIZE D. P.
MAKE	421491	WTR. LOSS-C.			CORING	CORING	SIZE COLL.
SERIAL NO.	1086	FILTER CAKE			OTHER	OTHER	32 JTS. D. P.
DEPTH IN	1334	PH.			REPAIRS	REPAIRS	KELLY DOWN
HOURS RUN		MTL. ADDED (REMARKS)			TRIP	TRIP	10 COLLARS
REMARKS:	122-632 DRIG - 632-712 Slope Test 712 - 800 Drig.						TOTAL
							1334 FT.

DRILLER JOE STEELE

SPM 34 @ 500 PSI Carbonox / SX Gel 55X *

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
1334 1575		BASALT	50	27	500	DM Joe Roach	8
						EM Jim Maloney	8
						H T.H. Ambrose	8
SLOPE TEST							
1 @ 1376 FT.							
ACCIDENT: - (GIVE NAME)							
DEC. OFF							

DRILLER Larry C Mull

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
1575 1657		BASALT	50	27	500	DM Pat Steele	8
						EM Don Jenkins	8
						H David J. Hansen	8
SLOPE TEST							
1 @ 1594 FT.							
ACCIDENT: - (GIVE NAME)							
DEC. OFF							
BIT AND FOREHEAD RECORD							
PUM NO.	718	WEIGHT	MUD RECORD		TIME RECORD		DRILL STEM RECORD
SIZE	506	VISC.	49		DRILLING	DRILLING	SIZE D. P.
MAKE	421491	WTR. LOSS-C.			CORING	CORING	SIZE COLL.
SERIAL NO.	1086	FILTER CAKE			OTHER	OTHER	128 JTS. D. P.
DEPTH IN	1334	PH.			REPAIRS	REPAIRS	KELLY DOWN
HOURS RUN		MTL. ADDED (REMARKS)			TRIP	TRIP	10 COLLARS
REMARKS:	800-1047519 10:45-11:00 Slope test 10:10 Drig						TOTAL
							1334 FT.

DRILLER Pat Steele

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
1575 1657		BASALT	50	27	500	DM Pat Steele	8
						EM Don Jenkins	8
						H David J. Hansen	8
SLOPE TEST							
1 @ 1594 FT.							
ACCIDENT: - (GIVE NAME)							
DEC. OFF							
BIT AND FOREHEAD RECORD							
PUM NO.	718	WEIGHT	MUD RECORD		TIME RECORD		DRILL STEM RECORD
SIZE	506	VISC.	49		DRILLING	DRILLING	SIZE D. P.
MAKE	421491	WTR. LOSS-C.			CORING	CORING	SIZE COLL.
SERIAL NO.	1086	FILTER CAKE			OTHER	OTHER	128 JTS. D. P.
DEPTH IN	1334	PH.			REPAIRS	REPAIRS	KELLY DOWN
HOURS RUN		MTL. ADDED (REMARKS)			TRIP	TRIP	10 COLLARS
REMARKS:	800-1047519 10:45-11:00 Slope test 10:10 Drig						TOTAL
							1334 FT.

DRILLER JOE STEELE

DAILY DRILLING REPORT
R-43

1 year Drilling Company

Sept 6, 1974

COMPANY: Mazma Energy
DISTRIC: Mazma La Grande #
9 45N 39E Union
STATE: Oregon

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
1762	1785	BASALT	55	30	800	Vic Black	8
						Chuck Hannerfor	8
						Steve HANSON	8

ACCIDENT: - (GIVE NAME)

PT. DEG. OFF

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	SIZE	WEIGHT	ROTA. SPEED	DRILLING	DRILLING	SIZE D. P.	DRILLING
5	7 7/8	60-70					
	MAKE SPEC 586	WTR. LOSS-C.C.				46	1439 FT.
	SERIAL NO. 1421491	FILTER CAKE				KELLY DOWN	35 FT.
	DEPTH IN	PH.				10 COLLARS	311 FT.
	HOURS RUN	MTL. ADDED (REMARKS)				TOTAL	1785 FT.

REMARKS: 12⁰⁰ - 1⁴⁵ DRIL - 142-300 Lost CIRE @ 1785, pull 5 STP
+ MIX Gel + SAWDUST to 400 vis 3⁰⁰ - 3³⁰ Pump 150 BBL INTO
Annulus - No Returns 3³⁰ - 8⁰⁰ Mix Mud + build Vol.
5 PM 22 SAWDUST Gel 30 SX

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
1785						Joe Roach	8
						Jim Maloney	8
						Lee Ambrose	8

ACCIDENT: - (GIVE NAME)

PT. DEG. OFF

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	SIZE	WEIGHT	ROTA. SPEED	DRILLING	DRILLING	SIZE D. P.	DRILLING
	MAKE	WTR. LOSS-C.C.					
	SERIAL NO.	FILTER CAKE					
	DEPTH IN	PH.					
	HOURS RUN	MTL. ADDED (REMARKS)					

REMARKS: 8⁰⁵ TO 4⁰⁰ Lost CIRE. MIX Mud. 27 Plug IT
61 Gel

2 SAKS Lime
22 Fibre

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
1785	1816	No Returns				DAT STEELE	8
						Don Jenkins	8
						Lorin J. HANSON	8

ACCIDENT: - (GIVE NAME)

PT. DEG. OFF

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	SIZE	WEIGHT	ROTA. SPEED	DRILLING	DRILLING	SIZE D. P.	DRILLING
	MAKE	WTR. LOSS-C.C.					
	SERIAL NO.	FILTER CAKE					
	DEPTH IN	PH.					
	HOURS RUN	MTL. ADDED (REMARKS)					

7 for Drilling Company

DATE 9-16-74
WELL NO. 3
D. P. STRING NO. 1
SIZE

LEASE Magnolia-La Grande
COUNTY Union
STATE OKF

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
2215	2218		90	2000500		Vis Block	8
						Chuck Harrison	8
						Steve Harrison	8
SLOPE TEST							
ACCIDENT: - (GIVE NAME)							
PT.							
DSG. OFF							

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	SIZE	WEIGHT	WTR. LOSS-C.C.	DRILLING	CORING	SIZE D. P.	SIZE COLL.
11	7 1/2						
12	7 1/2						
13	7 1/2						
14	7 1/2						
15	7 1/2						
16	7 1/2						
17	7 1/2						
18	7 1/2						
19	7 1/2						
20	7 1/2						
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162	7 1/2						
163	7 1/2						
164	7 1/2						
165	7 1/2						
166	7 1/2						
167	7 1/2						
168	7 1/2						
169	7 1/2						
170	7 1/2						
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189	7 1/2						
190	7 1/2						
191	7 1/2						
192	7 1/2						
193	7 1/2						
194	7 1/2						
195	7 1/2						
196	7 1/2						
197	7 1/2						
198	7 1/2						
199	7 1/2						
200	7 1/2						

REMARKS: 12:00 To 1:00 Drill 1:00 To 4:30 Trip + Log Run
 4:30 To 6:30 Drill 6:30 To 8:00 mix mud

Get 47 plant 3

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
2218	2219	BASALT	45	2000	500	Joe Roach	8
						JIM MALONEY	8
						ROY HAGUE	8
SLOPE TEST							
ACCIDENT: - (GIVE NAME)							
PT.							
DSG. OFF							

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	SIZE	WEIGHT	WTR. LOSS-C.C.	DRILLING	CORING	SIZE D. P.	SIZE COLL.
1	7 1/2						
2	7 1/2						
3	7 1/2						
4	7 1/2						
5	7 1/						

DAILY DRILLING REPORT
R-40

Taylor Drilling Company

COMPANY

LEASE

Magma Energy and Magma Co Grande

DATE

9-17-74

WELL NO.

1

RIG NO.

3

DISTRICT

STATE

APC

D. P. STAKING NO.

SIZE

3-1/2

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	DM	NAME	HRS.
2219	2259						Pick Black	8
							Chuck Harrison	8
							Steve Harrison	8

SLOPE TEST

ACCIDENT:-
(GIVE NAME)

@

PT.

DES. OFF

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL RECORD	
RUN NO.	SIZE	WEIGHT	DRILLING	DRILLING	SIZE D. P.	DRILL STEM	RECORD
13	7 1/4						3 1/2
		VISC.	CORING		SIZE COLL.		
		WTR. LOSS-C.C.	OTHER		60 JTS. D.P.		14 68 FT.
		FILTER CAKE	REPAIRS		KELLY DOWN		39 FT.
		PH.	TRIP		10 COLLARS		21 FT.
		MTL. ADDED (REMARKS)			TOTAL		2218 FT.

REMARKS: 11:00 To 2:30 Run in Hole 2:30 To 3:15
Mudlogs Magma Pit on Part Top Plus 3:15
5 1/4" Drill Post String 5 1/4" in Hole with Bit 13
5 1/4" TO 7 1/4" TRIP IN 7 1/4" TO 8 00" in Hole to Bottom

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	DM	NAME	HRS.
2219	2259		50	30	500		Joe Roach	8
							JIM MALONE	8
							ROY TAYLOR	8

SLOPE TEST

ACCIDENT:-
(GIVE NAME)

@

PT.

DES. OFF

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL RECORD	
RUN NO.	SIZE	WEIGHT					
13	7 1/4						
		VISC.	DRILLING		SIZE D. P.		
		WTR. LOSS-C.C.	CORING		SIZE COLL.		
		FILTER CAKE	OTHER		61 JTS. D.P.		1905 FT.
		PH.	REPAIRS		KELLY DOWN		49 FT.
		MTL. ADDED (REMARKS)	TRIP		COLLARS		11 FT.
					TOTAL		1255 FT.

REMARKS: 8:00 To 9:45 - Duly

Get 55" SAW DIST. 400 LBS - 6 PLUGS

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	DM	NAME	HRS.
2255	2288	Basalt (losing mud)	50	30	500		PAT STEELE	8
							Don Jenkins	8
							Robert Brown	8

SLOPE TEST

ACCIDENT:-
(GIVE NAME)

@

PT.

DES. OFF

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL RECORD	
RUN NO.	SIZE	WEIGHT					
		VISC.	DRILLING		SIZE D. P.		
		WTR. LOSS-C.C.	CORING		SIZE COLL.		
		FILTER CAKE	OTHER		61 JTS. D.P.		1905 FT.
		PH.	REPAIRS		KELLY DOWN		49 FT.
		MTL. ADDED (REMARKS)	TRIP		COLLARS		11 FT.
					TOTAL		1255 FT.

DAILY DRILLING REPORT
R-43

Taylor Drilling Company

COMPANY: **Magma Energy, Inc** LEASE: **110 gms to divide** DATE: **07-19-74**
 DISTRICT: **W. Nevada** COUNTY: **Winnion** STATE: **Nev** WELL NO.: **1** RIE NO.: **3**
 D. P. STRING NO.: **3 1/2**

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
2298318	2300	Besselt	50	30	50	Vinik Besselt	8
						Chuck Asphrieter	8
						Steve Hakanson	8

SLOPE TEST
 ACCIDENT:-- (GIVE NAME)
 DEG. OFF

SIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	SIZE	WEIGHT	DRILLING	DRILLING	SIZE D. P.	SIZE COLL.	SIZE COLL.
1374	1 3/4"	66-67-68	49-55-49	1	63	1967	40 FT.
		WTR. LOSS-C.C.			KELLY DOWN		40 FT.
		FILTER CAKE			COLLARS		311 FT.
		PH.			TOTAL		2318 FT.
		MTL. ADDED (REMARKS)					

REMARKS: 12:00 TO 12:30 Drilling lossy mud 12:30 to 1:00 cement mud
 1:30 to 2:00 Drilling

27-65 956 42 40 AUGUST 65K FERRIC 265 HY-SEAL 6" SAW DUST

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
2318	2326	Besselt	50	30	500	Joe Roach	8
						Jim Mabecky	8
						Ray Tague	8

SLOPE TEST
 ACCIDENT:-- (GIVE NAME)
 DEG. OFF

SIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	SIZE	WEIGHT	DRILLING	DRILLING	SIZE D. P.	SIZE COLL.	SIZE COLL.
1374	1 3/4"	47	8	8	65	2050	2050
		WTR. LOSS-C.C.			KELLY DOWN		15 FT.
		FILTER CAKE			COLLARS		21 FT.
		PH.			TOTAL		2256 FT.
		MTL. ADDED (REMARKS)					

REMARKS: 3:00 TO 4:15 service rig 4:15 to 4:40

3 Gal 4 plug

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
2326	2340	Besselt	50	30	500	Pat Steele	8
						Don Jenkins	8
						Robert Brown	8

SLOPE TEST
 ACCIDENT:-- (GIVE NAME)
 DEG. OFF

SIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	SIZE	WEIGHT	DRILLING	DRILLING	SIZE D. P.	SIZE COLL.	SIZE COLL.
1374	2 3/8"	47	8	8	65	2050	2050
		WTR. LOSS-C.C.			KELLY DOWN		15 FT.
		FILTER CAKE			COLLARS		21 FT.
		PH.			TOTAL		2256 FT.
		MTL. ADDED (REMARKS)					

REMARKS: 5:00 to 5:45 service rig 5:45 to 6:00

DAILY DRILLING REPORT
B-40

Taylor Drilling Company

DATE: *Sept-20-74*
WELL NO.: *1*
RIG NO.: *3*
D. P. STRING NO.: *31*
SIZE: *3 1/2*

COMPANY: *Magna Energy Magna Co. Omaha*
DISTRICT: *La Grande Union*
STATE: *Ne*

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
<i>2521</i>	<i>2546</i>	<i>Bassalt</i>	<i>45</i>	<i>300</i>	<i>200</i>	<i>Wick Black</i>	<i>8</i>
						<i>Steve Harkness</i>	<i>8</i>
						<i>John Johnson</i>	<i>8</i>

SLOPE TEST
PT. *8*

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	SIZE	WEIGHT	VISC.	DRILLING	DRILLING	SIZE D. P.	SIZE COLL.
<i>13</i>	<i>2 1/2</i>	<i>40-50</i>	<i>40-50</i>			<i>7 1/2</i>	<i>17</i>
<i>2218</i>	<i>2 1/2</i>						
<i>2219</i>	<i>2 1/2</i>						
<i>2246</i>	<i>2 1/2</i>						

REMARKS: *12100 TO 5100 drilling*

GELSD DIRECTOR SERVICE

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
<i>2521</i>	<i>2546</i>	<i>Bassalt</i>	<i>45</i>	<i>300</i>	<i>200</i>	<i>Wick Black</i>	<i>8</i>
						<i>Steve Harkness</i>	<i>8</i>
						<i>John Johnson</i>	<i>8</i>

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	SIZE	WEIGHT	VISC.	DRILLING	DRILLING	SIZE D. P.	SIZE COLL.
<i>13</i>	<i>2 1/2</i>	<i>40-50</i>	<i>40-50</i>			<i>7 1/2</i>	<i>17</i>
<i>2218</i>	<i>2 1/2</i>						
<i>2219</i>	<i>2 1/2</i>						
<i>2246</i>	<i>2 1/2</i>						

REMARKS: *12100 TO 5100 drilling*

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
<i>2521</i>	<i>2546</i>	<i>Bassalt</i>	<i>45</i>	<i>32</i>	<i>500</i>	<i>Pat Steele</i>	<i>8</i>
						<i>Don Jenkins</i>	<i>8</i>
						<i>Robert Brown</i>	<i>8</i>

SLOPE TEST
PT. *8*

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	SIZE	WEIGHT	VISC.	DRILLING	DRILLING	SIZE D. P.	SIZE COLL.
<i>13</i>	<i>2 1/2</i>	<i>40-50</i>	<i>40-50</i>			<i>7 1/2</i>	<i>17</i>
<i>2218</i>	<i>2 1/2</i>						
<i>2219</i>	<i>2 1/2</i>						
<i>2246</i>	<i>2 1/2</i>						

DAILY DRILLING REPORT
R-4C

Taylor Drilling Company

COMPANY: Magna Energy Inc. LEASE: Magna Hydro de
 COUNTY: Madison STATE: Wis
 DISTRICT: La Grange
 DATE: Sept 22-74
 WELL NO.: 1
 RIS NO.: 3
 D. P. STRING NO.:
 SIZE: 3 1/2

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
2657	2676	Basalt	40	3000	500	Vick Black	8
						Steve Nicholas	8
						Bob Gibbie	8

SLOPE TEST
 @ PT.

DEC. OFF

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	SIZE	WEIGHT	ROTARY SPEED	DRILLING	DRILL	SIZE O. P.	DRILL
1A1	7 7/8	45-65	64-65		8	74	DA 57
MAKE	SMTT-F4	VISC.	45-55	CORING		SIZE COLL.	
SERIAL NO.	4P655	WTR. LOSS-C.C.		OTHER		JTS. D. P.	2311
DEPTH IN	2552	FILTER CAKE		REPAIRS		KELLY DOWN	23
HOURS RUN	39	PH.		TRIP		COLLARS	342
		MTL. ADDED (REMARKS)				TOTAL	2676

REMARKS: 12:00 TO 8:00 DRILLING

35 SKS GEL 15 SKS PLUGGT BSK 5000 SANDUST

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
2676	2686	Basalt	45	32	500	Joe Roach	
						Jim Maloney	
						Roy Tague	

SLOPE TEST
 @ FT.

DEC. OFF

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	SIZE	WEIGHT	ROTARY SPEED	DRILLING	DRILL	SIZE O. P.	DRILL
1A1	7 7/8	45	45		574	74	DA 57
MAKE	SMTT-F4	VISC.	45	CORING		SIZE COLL.	
SERIAL NO.	4P655	WTR. LOSS-C.C.	45	OTHER		JTS. D. P.	2311
DEPTH IN	2552	FILTER CAKE	45	REPAIRS		KELLY DOWN	23
HOURS RUN	39	PH.	45	TRIP		COLLARS	342
		MTL. ADDED (REMARKS)	45			TOTAL	2686

REMARKS: 8:00 TO 10:30 P.M. 10-36-1-15 TRIP-1-15-400 P.M.

Pluggt 25- quick seal-3- Gel 15- CAUSTIC 4 SKS

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
2600	2703	Basalt	45	32	500	Dot Steele	8
						Don Jenkins	8
						Robert Brown	8

SLOPE TEST
 @ FT.

DEC. OFF

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	SIZE	WEIGHT	ROTARY SPEED	DRILLING	DRILL	SIZE O. P.	DRILL
1A1	7 7/8	45	45		574	74	DA 57
MAKE	SMTT-F4	VISC.	45	CORING		SIZE COLL.	
SERIAL NO.	4P655	WTR. LOSS-C.C.	45	OTHER		JTS. D. P.	2311
DEPTH IN	2552	FILTER CAKE	45	REPAIRS		KELLY DOWN	23
HOURS RUN	39	PH.	45	TRIP		COLLARS	342
		MTL. ADDED (REMARKS)	45			TOTAL	2686

Willing Company

Sept 23-1

LEASE NO. 11710
 COUNTY May 23 Gravel
 STATE Ohio
 D. P. STRING NO. 315
 SIZE 3 1/2

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.	
2204	2726	BASSBT	15	32.00	300	NICK BLACK	8	
						STEVE HANSON	8	
						DOB CHILIS	8	
SLOPE TEST								
ACCIDENT:- (GIVE NAME)								
PT. ✓								
REG. OFF								
BIT AND COREHEAD RECORD								
RUN NO.	173	WEIGHT	67-67	TIME RECORD				DRILL STEM RECORD
SIZE	2 3/4	VISC.	38-20	DRILLING	8			SIZE D. P.
MAKE	386	WTR. LOSS-C.C.		CORING				SIZE COLL.
SERIAL NO.	491196	FILTER CAKE		OTHER				76 JTS. D. P.
DEPTH IN	2179	PH.		REPAIRS				KELLY DOWN
HOURS RUN	14 3/4	MTL. ADDED (REMARKS)		TRIP				11 COLLARS
								TOTAL
								3112
								2226

REMARKS: 12-00 TO 8:00 DRILLING

DRILLER D.A. STURDIVANT

Run 61 23-1's Index 7-1's Gal 675k

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.	
2726	2729	Basalt				JOE HOOCK	1	
						DON MCKANEY	1	
SLOPE TEST								
ACCIDENT:- (GIVE NAME)								
PT. H								
REG. OFF								
BIT AND COREHEAD RECORD								
RUN NO.		WEIGHT		TIME RECORD				DRILL STEM RECORD
SIZE		VISC.		DRILLING				SIZE D. P.
MAKE		WTR. LOSS-C.C.		CORING				SIZE COLL.
SERIAL NO.		FILTER CAKE		OTHER				JTS. D. P.
DEPTH IN		PH.		REPAIRS				KELLY DOWN
HOURS RUN		MTL. ADDED (REMARKS)		TRIP				COLLARS
								TOTAL
								3112
								2226

DRILLER D.A. STURDIVANT

REMARKS: 8:00 TO 9:00 DRILLING 9:00 TO 10:00 AIR
10 1/2" P.H.T. 12-700 Logging

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.	
2729		TD				FAT STEELE	00	
						DON JENKINS	00	
SLOPE TEST								
ACCIDENT:- (GIVE NAME)								
PT. H								
REG. OFF								
BIT AND COREHEAD RECORD								
RUN NO.		WEIGHT		TIME RECORD				DRILL STEM RECORD
SIZE		VISC.		DRILLING				SIZE D. P.
MAKE		WTR. LOSS-C.C.		CORING				SIZE COLL.
SERIAL NO.		FILTER CAKE		OTHER				JTS. D. P.
DEPTH IN		PH.		REPAIRS				KELLY DOWN
HOURS RUN		MTL. ADDED (REMARKS)		TRIP				COLLARS
								TOTAL
								3112
								2226

DRILLER JOE STEELE

DAILY DRILLING REPORT
R-13

Super Drilling Company

COMPANY: Super Drilling Company DATE: Sept 24-74
 COUNTY: Franklin STATE: Pa WELP. NO.: 1 RIG NO.: 3
 ADDRESS: 1000 E. 10th St. Harrisburg, Pa D.P. STRING NO.: 3 1/2

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
7:29		TD				DM	3
						EM	
						N	

SLOPE TEST: W/52 5/8 CLASS "C" W/ 390
 ACCIDENT: (GIVE NAME) None

DEC. OFF: CACL. CIP 12:30 AM

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	DRILLING	WEIGHT	DRILLING	SIZE D.P.	SIZE COLL.	FT.	FT.
		WISC.	CORING				
		WTR. LOSS-C.C.	OTHER				
		FILTER CAKE	REPAIRS				
		PH.	TRIP				
		MTL. ADDED (REMARKS)					

REMARKS: 12:00 To 12:30 Cement Plug 12:30 TO 3:30
M.O.C. & Trip out & in to 778 Cement #2 Plug
P.O.H. & M.O.C. TO 800

42 Cemented w/ 55 x 3 w/ 390 CACL. CIP @ 7:05 P.D. @ 778

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
						DM	1
						EM	
						H	
						H	

SLOPE TEST: ACCIDENT: (GIVE NAME)

DEC. OFF: None

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	DRILLING	WEIGHT	DRILLING	SIZE D.P.	SIZE COLL.	FT.	FT.
		WISC.	CORING				
		WTR. LOSS-C.C.	OTHER				
		FILTER CAKE	REPAIRS				
		PH.	TRIP				
		MTL. ADDED (REMARKS)					

REMARKS: 8:00 - 11:00 W.O.C. Run in hole to 914 No Cement
Pull Back to 747 - 11" TC w/ 10" Cement to 500
Plug 2007 @ 2:15 Set @ 776 Cement w/ 55 x 3 @ 3% Cal
CIP @ 2:15 pm 2:15 - 4:00 W.O.C.

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
						DM	0
						EM	0
						N	0
						H	0

SLOPE TEST: ACCIDENT: (GIVE NAME) Witnessed top of

DEC. OFF: None

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	DRILLING	WEIGHT	DRILLING	SIZE D.P.	SIZE COLL.	FT.	FT.
		WISC.	CORING				
		WTR. LOSS-C.C.	OTHER				
		FILTER CAKE	REPAIRS				
		PH.	TRIP				
		MTL. ADDED (REMARKS)					

REMARKS: Cement plug @ 660'
W.C. Newton - ROSAMI
W.O.E. STEELE