

SATURDAY

DAILY DRILLING REPORT
 43 BOX 800
 TULSA OK 74101

CONTRACTOR
 Discovery Drilling Inc
 LEASE
 GRAND MESA OPER. Co. Humphrey
 COUNTY NESS STATE KS

DATE 9-9-00
 WELL NO. 3-18
 RIG NO. 1
 D. P. STRING NO.
 SIZE

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	H
						DM Paul Kozman	
						EM Arlen Withuhn	
						H Dave Stark	
SLOPE TEST		ACCIDENT: (GIVE NAME)		None		H	
@	FT.						
DEG. OFF							
				1 (50+)		DRLR Bill Skeen	

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.		WEIGHT		DRILLING		SIZE D. P.	30 Gal
SIZE		VISC.		CORING		SIZE COLL.	2 Lime
MAKE		WTR. LOSS-C.C.		OTHER		JTS. D. P.	
SERIAL NO.		FILTER CAKE		REPAIRS		KELLY DOWN	
DEPTH IN		PH.		TRIP		COLLARS	
HOURS RUN		MTL. ADDED (REMARKS)				TOTAL	

REMARKS: Rig up Mix Mud

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	H
						DM LARRY MLINEK	
						EM BILL BUZYAK	
						H LEROY GIEBLER	
SLOPE TEST		ACCIDENT: (GIVE NAME)				H	
@	FT.						
DEG. OFF							
				2 (75+)		DRLR CLIFF MAYFIELD	

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.		WEIGHT		DRILLING		SIZE D. P.	
SIZE		VISC.		CORING		SIZE COLL.	
MAKE		WTR. LOSS-C.C.		OTHER		JTS. D. P.	
SERIAL NO.		FILTER CAKE		REPAIRS		KELLY DOWN	
DEPTH IN		PH.		TRIP		COLLARS	
HOURS RUN		MTL. ADDED (REMARKS)				TOTAL	

REMARKS: 7:00-10:45 LOAD OUT RIG ON ANDERSON¹ & MOVE TO HUMPHREY³
 10:45-3:00 SET RIG IN & RIG UP. LOAD OUT LIGHT PLANT, WAIT ON WATER & MUD

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	H
0	234	Sand Shale & clay	120	All	1100	DM Grey Chambers	
					50+	EM James Chambers	
						H John Deines	
SLOPE TEST		ACCIDENT: (GIVE NAME)				H	
@ 234	FT.						
DEG. OFF							
				3 (60+)		DRLR Sybil Rome	

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	1	WEIGHT		DRILLING	2 1/4	SIZE D. P.	
SIZE	12 1/4	VISC.		CORING	3 1/2	SIZE COLL.	
MAKE	HTC RI	WTR. LOSS-C.C.		OTHER	WOW	JTS. D. P.	
SERIAL NO.	RT	FILTER CAKE		REPAIRS	Oil + Tr	KELLY DOWN	
DEPTH IN	0	PH.		TRIP	On Run 1 1/2	COLLARS	
HOURS RUN		MTL. ADDED (REMARKS)				TOTAL	

REMARKS: 7:00 TO 7:30 W/OUTER B. 7:30 TO 11:00 Drill Bath Hois. 11:00 TO 7:00 Drill. 7:00 TO 7:30 Cir & Foted
 @ 234 7:30 TO 9:00 COU/ BIT & Run 5 1/2 Cir & Cemented Pipe 9:00 TO 11:00 WOC.

DAILY DRILLING REPORT

NO. 43 BOX 800
TULSA OK 74101

CONTRACTOR

Discovery Drilling Inc

DATE

Sunday
9-10-00

COMPANY

Grand Mesa Operating Co.

LEASE

Humphrey

WELL NO.

3-18

RIG NO.

1

DISTRICT

COUNTY

Ness

STATE

Ks

D. P. STRING NO.

SIZE

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.		NAME
234	270	Sand & Shale	95	15000	500	DM	Paul Rozcan
						EM	Arlen Wittuhn
						H	Dave Stark
SLOPE TEST		ACCIDENT:— (GIVE NAME)				H	
@	FT.	None				1	
DEG. OFF						500	Bill Sko

BIT AND COREHEAD RECORD			MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2		WEIGHT		DRILLING	1	SIZE D. P.	
SIZE	7 7/8		VISC.		CORING Conn	1/4	SIZE COLL.	
MAKE	GT20C		WTR. LOSS-C.C.		OTHER		JTS. D. P.	
SERIAL NO.	T322N		FILTER CAKE		PHYS	3/4	KELLY DOWN	
DEPTH IN	234		PH.		TRIP		COLLARS	
HOURS RUN	1		MTL. ADDED (REMARKS)		WOC	6	TOTAL	

REMARKS: 11:00 to 5:00 wait on Cement 5:00 to 5:45 Drlg plus 5:45 to 7:00 conn Drlg under Surface

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.		NAME
270	1140	SHALE & SAND	90	20,000	800	DM	LARRY MLINEK
						EM	BILL BUyak
						H	LEROY GIEBLER
SLOPE TEST		ACCIDENT: - (GIVE NAME) NONE					
@	FT.	2					
DEG. OFF							
							CLIFF MANKFIELD

BIT AND COREHEAD RECORD			MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2		WEIGHT		DRILLING	5	SIZE D. P.	
SIZE	7 7/8		VISC.		CORING Conn	2 1/4	SIZE COLL.	
MAKE	GT20C		WTR. LOSS-C.C.		OTHER VRG	1/4	JTS. D. P.	
SERIAL NO.	T322N		FILTER CAKE		REPAIRS		KELLY DOWN	
DEPTH IN	234		PH.		SUBSHELF	1/4	COLLARS	
HOURS RUN	6		MTL. ADDED (REMARKS)		JET	1/4	TOTAL	

REMARKS: 7:00 - 7:15 JR. 5 @ 281. 7:15 - 1:15 Drlg. 1:15 - 1:30 JET @ 1015'. 1:30 - Drlg.

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.		NAME
1140	1792	Shale & Sand				DM	Greg Chambers
1662	1693	Andy			511	EM	James Chambers
					(507)	H	Larry MLinek
SLOPE TEST		ACCIDENT: - (GIVE NAME)			3	H	
@	FT.						
DEG. OFF							
							S I B

BIT AND COREHEAD RECORD			MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2		WEIGHT		DRILLING	6	SIZE D. P.	
SIZE	7 7/8		VISC.		CORING Conn	1 1/2	SIZE COLL.	
MAKE	HTC GT20C		WTR. LOSS-C.C.		OTHER	1/4	JTS. D. P.	
SERIAL NO.	T322N		FILTER CAKE		REPAIRS		KELLY DOWN	
DEPTH IN	734		PH.		TRIP Jet	1/4	COLLARS	
HOURS RUN	12		MTL. ADDED (REMARKS)				TOTAL	

REMARKS: 3:00 TO 3:15 Scr Rig - 3:15 TO 4:00 Drll. 4:00 TO 4:15 Redrillers. 4:15 TO 6:15 Drll. 6:15 TO 6:30 Jet #1 @ 1575. 6:30 TO 11:00 Drll

PRINTED IN U.S.A.

APPROVED

DAILY DRILLING REPORT

New 43 BOX 800
TULSA OK 74101

CONTRACTOR

Discovery Drilling Inc

DATE

Monday

COMPANY

Grand Mesa Operating

LEASE

Humphreys

WELL NO.

3-18

RIG NO.

1

DISTRICT

COUNTY

Ness

STATE

KS

D. P. STRING NO.

SIZE

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.		NAME	HRS
1792	2045	Shale	80	2500		DM	Paul Kozcan	8
						EM	Arlen Willhuhn	8
						H	Dave Stark	8
						H		
SLOPE TEST	ACCIDENT: - (GIVE NAME)	None						
@	FT.	1						
DEG. OFF		500 DRLR Bill Sharr						
BIT AND COREHEAD RECORD			MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2		WEIGHT		DRILLING	7	SIZE D. P.	
SIZE	7/8		VISC.		CORING	3/4	SIZE COLL.	
MAKE	GT20C		WTR. LOSS-C.C.		OTHER	1/4	JTS. D. P.	FT
SERIAL NO.	T322N		FILTER CAKE		REPAIRS		KELLY DOWN	FT
DEPTH IN	234		PH.		TRIP		COLLARS	FT
HOURS RUN	19		MTL. ADDED (REMARKS)				TOTAL	FT

REMARKS: 11:00 to 7:00 Drlg w/ 1/4 hr Rig @ 1823

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.		NAME	HRS
2045	2340	SHALE	80	30,000	800	DM	LARRY MLINEK	8
						EM	BILL BUYAK	8
						H	LEROY GIEBLER	8
						H		
SLOPE TEST	ACCIDENT: - (GIVE NAME)	NONE						
@	FT.	2						
DEG. OFF		500 DRLR CLIFF MAYFIELD						
BIT AND COREHEAD RECORD			MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2		WEIGHT		DRILLING	6 1/2	SIZE D. P.	20 gal
SIZE	7/8		VISC.		CORING	3/4	SIZE COLL.	12 in
MAKE	GT20C		WTR. LOSS-C.C.		OTHER	1/4	JTS. D. P.	1000
SERIAL NO.	T322N		FILTER CAKE		REPAIRS	1/4	KELLY DOWN	25 ft
DEPTH IN	234		PH.		TRIP		COLLARS	2000 ft
HOURS RUN	25 1/2		MTL. ADDED (REMARKS)			1/4	TOTAL	FT

REMARKS: 7:00 - 7:15 Drlg, 7:15 - 7:30 Rig @ 2041 CHANGE OIL IN R.D. OILERS CHANGE OIL
PUMP GAUGE, 7:30 - 10:45 Drlg, 10:45 - 11:15 JET #1 @ 2196, REPLACE GLAND PACKING, PA
MIX SIDE of pump, 11:15 - 3:00 Drlg.

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.		NAME	HRS
2340	2505	Shale	80	30000	900	DM	Gray Chambers	8
						EM	James Chambers	8
						H	John Daines	8
						H		
SLOPE TEST	ACCIDENT: - (GIVE NAME)							
@	FT.	3						
DEG. OFF		500 DRLR Syl Ramo						
BIT AND COREHEAD RECORD			MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2		WEIGHT		DRILLING	5 1/2	SIZE D. P.	901-20
SIZE	7/8		VISC.		CORING	1/4	SIZE COLL.	5000-2
MAKE	HIC GT20C		WTR. LOSS-C.C.		OTHER	1/4	JTS. D. P.	caustic
SERIAL NO.	T322N		FILTER CAKE		REPAIRS	2	KELLY DOWN	45-1
DEPTH IN	234		PH.		TRIP		COLLARS	PGC-20
HOURS RUN	31		MTL. ADDED (REMARKS)				TOTAL	FT

REMARKS: 3:00 to 3:15 Drll, 3:15 to 3:30 Ser Rig, 3:30 to 6:15 Drll, 6:15 to 8:15 CK Pump
Look for Hole in Pipe Jet #1 @ 2443 8:15 to 11:00 Drll

DAILY DRILLING REPORT
NEEDHAM 43 BOX 800
 TULSA OK 74101

COMPANY
 Grand Mesa Operating Co
 DISTRICT

CONTRACTOR

Discovery Drilling Inc

LEASE

Humphrey

COUNTY

Ness

STATE

Ks

DATE

Tuesday
 9-12-00

WELL NO.

3-18

RIG NO.

1

D. P. STRING NO.

SIZE

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.		NAME	HF
2505	2707	Shale	80	30000	800	DM	Paul Rozman	2
						EM	Arlon Wittlwin	8
						H	Dave Stark	8
						H		
SLOPE TEST		ACCIDENT:— (GIVE NAME)	None					
@	FT.							
	DEG. OFF							
						DRLR	Bill Skeen	8

BIT AND COREHEAD RECORD			MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2		WEIGHT		DRILLING	7	SIZE D. P.	
SIZE	7 3/8		VISC.		CORING	Conn 1/2	SIZE COLL.	
MAKE	GT20C		WTR. LOSS-C.C.		OTHER	1 Rtg 1/4	JTS. D. P.	
SERIAL NO.	T322N		FILTER CAKE		REPAIRS		KELLY DOWN	
DEPTH IN	234		PH.		TRIP		COLLARS	
HOURS RUN	38		MTL. ADDED (REMARKS)		Jet	1/4	TOTAL	

REMARKS: 11:00 to 7:00 Dilg w/ 1/4 hr 1 Rtg @ 25.34' w/ 1/4 hr Jet #2 @ 262

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.		NAME	HF
2707	2893	SHALE	80	35,000	800	DM	LARRY MCINER	
						EM	Bill Buryak	
						H	LEROY GIEBLER	
						H		
SLOPE TEST		ACCIDENT:— (GIVE NAME)	NONE					
@	FT.							
	DEG. OFF							
						DRLR	CLIFF MAYFIELD	8

BIT AND COREHEAD RECORD			MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2		WEIGHT		DRILLING	6 3/4	SIZE D. P.	38 91
SIZE	7 7/8		VISC.		CORING	Conn 1/2	SIZE COLL.	1 1/2
MAKE	GT20C		WTR. LOSS-C.C.		OTHER	1 Rtg 1/4	JTS. D. P.	1 1/4
SERIAL NO.	T322N		FILTER CAKE		REPAIRS		KELLY DOWN	2 5/8
DEPTH IN	234		PH.		TRIP		COLLARS	2 1/4 PSI
HOURS RUN	44 3/4		MTL. ADDED (REMARKS)		JET	1/2	TOTAL	12 H

REMARKS: 7:00 - 7:15 Dilg 7:15 - 7:30 1 Rtg @ 2722 7:30 - 9:00 Dilg 9:00 - 9:15 JET #1 @ 2785 9:15 - 10:45 Dilg 10:45 - 11:00 JET #1 @ 2785 11:00 - 3:00 Dilg.

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.		NAME	HF
2893	3093	Shale	80	35000	900	DM	Greg Chambers	8
					500	EM	James Chambers	8
						H	John Dainas	8
						H		
SLOPE TEST		ACCIDENT:— (GIVE NAME)						
@	FT.							
	DEG. OFF							
						DRLR	Syl Rome	8

BIT AND COREHEAD RECORD			MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2		WEIGHT		DRILLING	7	SIZE D. P.	50 1-3
SIZE	7 3/8		VISC.		CORING	Conn 1/2	SIZE COLL.	Soda-2
MAKE	HTC GT20C		WTR. LOSS-C.C.		OTHER	1 Rtg 1/4	JTS. D. P.	Caustic-
SERIAL NO.	T322N		FILTER CAKE		REPAIRS		KELLY DOWN	Lis-1
DEPTH IN	232		PH.		TRIP		COLLARS	Pac-2c
HOURS RUN	51 3/4		MTL. ADDED (REMARKS)		Jet	1/4	TOTAL	

REMARKS: 3:00 TO 3:15 Drill 13' 15" to 3:30 for Rig 3:30 TO 8:00 Drill 8' 00" to 8:15 Jet #1 @ 3033, 8:15 TO 11 Drill

DAILY DRILLING REPORT

KODIAK 43 BOX 800
TULSA OK 74101

CONTRACTOR

Discovery Drilling Inc

DATE

Wednesday

9-13-00

COMPANY

Grand Mesa Operating Co.

LEASE

Humphrey

WELL NO.

3-18

RIG NO.

1

DISTRICT

COUNTY

Ness

STATE

KS

D. P. STRING NO.

SIZE

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HR
3093	3265	Shale	80	35000	800	Paul Rozcan	8
						Arlen Wittkuhn	8
						Dave Stark	8
SLOPE TEST		ACCIDENT: (GIVE NAME)	None				
@	FT.		1				
DEG. OFF			Frac is Full				
			50+ DRLR Bill Skeen				

BIT AND COREHEAD RECORD			MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2		WEIGHT		DRILLING	6 1/4	SIZE D. P.	42
SIZE	7 3/8		VISC.		CORING	1/2	SIZE COLL.	30
MAKE	GT20C		WTR. LOSS-C.C.		OTHER	1/4	JTS. D. P.	6
SERIAL NO.	T322N		FILTER CAKE		REPAIRS	3/4	KELLY DOWN	6
DEPTH IN	234		PH.		TRIP		COLLARS	6
HOURS RUN	58		MTL. ADDED (REMARKS)			1/4	TOTAL	6

REMARKS: 11:00 to Drilg w/ 1/4 hr Rig @ 3126 & w/ 1 hr Jet #1 and work
Gland rubbers & oiler system

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HR
3265	3467	SHALE	80	35,000	800	LARRY WLINEK	
						BILL BUYAK	
						LEROY GIEBLER	
SLOPE TEST		ACCIDENT: (GIVE NAME)	None				
@	FT.		2				
DEG. OFF			50+ DRLR CLIFF MAYFIELD				

BIT AND COREHEAD RECORD			MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2		WEIGHT		DRILLING	7	SIZE D. P.	NDA
SIZE	7 3/8		VISC.		CORING	1/2	SIZE COLL.	
MAKE	GT20C		WTR. LOSS-C.C.		OTHER	1/4	JTS. D. P.	
SERIAL NO.	T322N		FILTER CAKE		REPAIRS		KELLY DOWN	
DEPTH IN	234		PH.		TRIP		COLLARS	
HOURS RUN	65		MTL. ADDED (REMARKS)			1/4	TOTAL	

REMARKS: 7:00-7:15 Drlg, 7:15-7:30 Rig @ 3282', 7:30-9:45 Drlg, 9:45-10:00 JET #1 @ 3
10:00-3:00 Drlg.

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HR
3467	3709	Shale	80	35000	900	Grey Chambers	
						James Chambers	
						John Deinos	
SLOPE TEST		ACCIDENT: (GIVE NAME)	None				
@	FT.		3				
DEG. OFF			50+ DRLR Sgt Rome				

BIT AND COREHEAD RECORD			MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2		WEIGHT	8.6	DRILLING	6 1/2	SIZE D. P.	gel
SIZE	7 3/8		VISC.	11.8	CORING	1/2	SIZE COLL.	sal
MAKE	HTC GT20C		WTR. LOSS-C.C.	12.0	OTHER	1/4	JTS. D. P.	Can
SERIAL NO.	T322N		FILTER CAKE	1	REPAIRS		KELLY DOWN	Lig-
DEPTH IN	234		PH.	11.0	TRIP		COLLARS	Phc.
HOURS RUN	71 1/4		MTL. ADDED (REMARKS)			1	TOTAL	hull

REMARKS: 3:00 to 3:30 Drill, 3:30 to 3:45 Jet @ 3499', 3:45 to 4:15 Drill, 4:15 to 4:30
Set Rig Set Sample Box, 5:00 to 5:30 Drill, 5:30 to 6:00 Clean Suction, 6:00 to 6:15 Drill
4:15 to 7:00 Jet @ 3564 After Displacement, 7:00 to 7:15 Drill

PRINTED IN U.S.A.

APPROVED

Thursday

DAILY DRILLING REPORT

NEW 43 BOX 800 TULSA OK 74101

CONTRACTOR

Discovery Drilling Inc

DATE

9-14-00

COMPANY

Grand Mesa Operating Co

Humphrey

WELL NO.

3-18

RIG NO.

1

DISTRICT

COUNTY

Ness

Ks

D. P. STRING NO.

SIZE

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME
3709	3858	Shale	80	35000	800	DM Paul Rozcan
						EM Arlen Withuhn
						H Dove Stark
						H
SLOPE TEST	ACCIDENT: (GIVE NAME)	None				
@	FT.	1				
DEG. OFF		(500) DRLR Bill Skeen				

BIT AND COREHEAD RECORD			MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2		WEIGHT	90	DRILLING	7	SIZE D. P.	1
SIZE	7/8		VISC.	40	CORING	1/2	SIZE COLL.	CAUSE
MAKE	GT20C		WTR. LOSS-C.C.		OTHER	1/4	JTS. D. P.	
SERIAL NO.	T322N		FILTER CAKE		REPAIRS	1/4	KELLY DOWN	
DEPTH IN	234		PH.		TRIP		COLLARS	
HOURS RUN	78 1/4		MTL. ADDED (REMARKS)				TOTAL	

REMARKS: 11:00 to 7:00 Drlg w/ 1/4 hr 1 Rig @ 3715 w/ 1/4 hr work on Bad order

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME
3858	4004	SHALE	80	35000	800	DM LARRY MLINER
						EM BILL BUYAK
						H LEROY GIEBLER
						H
SLOPE TEST	ACCIDENT: (GIVE NAME)	NONE				
@	FT.	2				
DEG. OFF		(500) DRLR CLIFF MAYFIELD				

BIT AND COREHEAD RECORD			MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2		WEIGHT		DRILLING	7 1/4	SIZE D. P.	30
SIZE	7/8		VISC.		CORING	1/2	SIZE COLL.	16
MAKE	GT20C		WTR. LOSS-C.C.		OTHER	1/4	JTS. D. P.	10
SERIAL NO.	T322N		FILTER CAKE		REPAIRS		KELLY DOWN	25
DEPTH IN	234		PH.		TRIP		COLLARS	2 cups
HOURS RUN	85 1/2		MTL. ADDED (REMARKS)				TOTAL	

REMARKS: 7:00-7:15 W/ 1/5 @ 3871. 7:15-3:00 Drlg.

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME
4004	4119	Shale + lime	80	35000	800	DM Gray Chambers
					800	EM James Chambers
						H John Daines
						H
SLOPE TEST	ACCIDENT: (GIVE NAME)	3				
@	FT.	(500) DRLR Syl Name				
DEG. OFF						

BIT AND COREHEAD RECORD			MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2		WEIGHT	9.25 9.3	DRILLING	7 1/2	SIZE D. P.	gel-5
SIZE	7/8		VISC.	40 44	CORING	1/2	SIZE COLL.	CAUSE
MAKE	HTC GT20Z		WTR. LOSS-C.C.		OTHER	1/4	JTS. D. P.	
SERIAL NO.	T322N		FILTER CAKE		REPAIRS		KELLY DOWN	
DEPTH IN	234		PH.		TRIP		COLLARS	
HOURS RUN	93		MTL. ADDED (REMARKS)				TOTAL	

REMARKS: 3:00 TO 3:46 Drlg. 3:45 TO 4:00 Check Rig @ 4027

DAILY DRILLING REPORT

43 BOX 800
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Discovery Drilling Inc

DATE

Friday

9-15-00

COMPANY

Grand Mesa Drilling Co

LEASE

Humphrey

WELL NO.

3-18

RIG NO.

1

DISTRICT

COUNTY

Wess

STATE

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D. P. STRING NO.

SIZE

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.		NAME	HR
4119	4205	Lime	80	3500	300	DM	Raul Rocco	8
						EM	L. W. Wilkerson	8
						H	D. W. Black	8
SLOPE TEST	ACCIDENT:— (GIVE NAME)	None						
@	FT.	1						
DEG. OFF		50+ DRLR Bill Skoen						8

BIT AND COREHEAD RECORD			MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2		WEIGHT	93	DRILLING	7 1/2	SIZE D. P.	None
SIZE	7 1/2		VISC.	44	CORING	1 1/4	SIZE COLL.	
MAKE	GT 20C		WTR. LOSS-C.C.		OTHER	1 1/4	JTS. D. P.	
SERIAL NO.	T322N		FILTER CAKE		REPAIRS		KELLY DOWN	
DEPTH IN	234		PH.		TRIP		COLLARS	
HOURS RUN	100 1/2		MTL. ADDED (REMARKS)				TOTAL	

REMARKS: 11:00 to 7:00 Drly w/4hr Rig C 4152

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.		NAME	HR
4205	4293	Lime	80	3500	800	DM	Larry Mlinck	8
						EM	Bill Bayak	8
						H	Leroy Grebler	8
SLOPE TEST	ACCIDENT:— (GIVE NAME)	2						
@	FT.	(2 hrs Daywork)						
DEG. OFF		50+ DRLR Syl Rome						8

BIT AND COREHEAD RECORD			MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	3		WEIGHT	96 9.5	DRILLING	1 1/2	SIZE D. P.	30 Gel
SIZE	7 1/2		VISC.	43 114	CORING	1 1/4	SIZE COLL.	1 Lig
MAKE	HTE G120C		WTR. LOSS-C.C.		OTHER	1 1/4	JTS. D. P.	7 Sol. 4
SERIAL NO.	T322N		FILTER CAKE		REPAIRS		KELLY DOWN	1 Const. 1
DEPTH IN	224		PH.		TRIP	1 1/4	COLLARS	1 1/2 Halls
HOURS RUN	105 1/4		MTL. ADDED (REMARKS)				TOTAL	1 1/2 Drill 1/2

REMARKS: 7:00 to 7:30 Drill, 7:30 to 7:45 Ser Rig + TBM, 7:45 to 10:15 Drill, 10:15 to 10:45
 Clay Rubbers 10:45 to 12:00 Drill, 12:00 to 1:00 F.S.E. 4268, 1:00 to 1:15 TBM + 1st Floor
 1:15 to 2:00 Drill, 2:00 to 3:00 C.F.S.E. 4263

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.		NAME	HR
4293						DM	Greg Chambers	8
						EM	James Chambers	8
						H	John Daines	8
SLOPE TEST	ACCIDENT:— (GIVE NAME)	DST#1 4232-4283						
@ 4283	FT.	30-45-60, -60						
3/4	DEG. OFF	Stop Short, 32 (8 hrs Daywork)						
		50+ DRLR Syl Rome						8

BIT AND COREHEAD RECORD			MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2		WEIGHT	94	DRILLING	1 1/2	SIZE D. P.	
SIZE	7 1/2		VISC.	44	CORING	1 1/4	SIZE COLL.	
MAKE	HTE G120C		WTR. LOSS-C.C.		OTHER		JTS. D. P.	
SERIAL NO.	T322N		FILTER CAKE		REPAIRS		KELLY DOWN	
DEPTH IN	234		PH.		TRIP	1 1/4	COLLARS	
HOURS RUN	105 1/4		MTL. ADDED (REMARKS)				TOTAL	

REMARKS: 3:00 to 3:15 Cir, 3:15 to 4:00 Short Trip 4:00 to 5:00 C.A.S.T., 5:00 to 7:00
 Co f/DST#1 Stop Pipe + S.S. 7:00 to 8:15 Pick up Tool + Run in, 8:15 to 11:00 Q13 w/TEST

DAILY DRILLING REPORT

NEW 43 BOX 800
TULSA OK 74101

CONTRACTOR
Drilling Inc
LEASE
Humphrey
DISTRICT
COUNTY
DESS
STATE
KS

Saturday
DATE
9-16-00
WELL NO.
3-18
RIG NO.
1
D. P. STRING NO.
SIZE

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.		NAME
4283	4302	Lime	30	38 ⁰⁰⁰	300	DM ☺ EM ✱	Dave Stark Arten Witthuhn * Dan Bangle
SLOPE TEST		ACCIDENT: — (GIVE NAME)				H	
@	FT.	(Done (6 1/2 HRS Daywork)				1	
DEG. OFF		DST #1				51' Anchor (50+) DRLR	Bill Skeen

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	3	WEIGHT		DRILLING	1 1/2	SIZE D. P.	
SIZE	7 3/8	VISC.		CORING	1 1/2	SIZE COLL.	
MAKE	GT200	WTR. LOSS-C.C.		TESTING	1 1/4	JTS. D. P.	
SERIAL NO.	RR	FILTER CAKE		REPAIRS	1 1/4	KELLY DOWN	
DEPTH IN	4283	PH.		TRIP	4 1/2	COLLARS	
HOURS RUN	106 3/4	MTL. ADDED (REMARKS)		CTCH	1 1/4	TOTAL	

REMARKS: 11:00 to 12:00 Testing 12:00 to 2:00 Trip out w/Test 2:00 to 2:45 J Rig
clean floor 2:45 to 5:15 Trip in w/Bit 5:15 to 5:30 CTCH 5:30 to 7:00

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME
4302	4370	lime	80	40,000	800*	ARLEN WITTHUHN
						EM BILL BUyak
						H LEROY GIEBLER
SLOPE TEST		ACCIDENT: - (GIVE NAME)				
@		FT. (4 HRS Daywork)				
DEG. OFF		DST #2 4349-4370 (51' Anchor) 50+				DRLF CLIFF MAYFIELD

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	2	WEIGHT	9.5	DRILLING	3 3/4	SIZE D. P.	NONE
SIZE	7 1/8	VISC.	50	CORING		SIZE COLL.	
MAKE	GT200	WTR. LOSS-C.C.	10.4	OTHER	1/4	JTS. D. P.	
SERIAL NO.	RR	FILTER CAKE	1/2	REPAIRS		KELLY DOWN	
DEPTH IN	4283	PH.	9.5	TRIP	1	COLLARS	
HOURS RUN	110 1/2	MTL. ADDED (REMARKS)		CFS	3	TOTAL	

REMARKS: 7:00-7:15 J Rig @ 4308 7:15-10:45 Drlg. 10:45-12:15 CFS @ 4365 12:15-1
Dng. 12:30-2:00 CFS @ 4370 2:00-3:00 Trip out for DST #2

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME
4370						DM Grey Chambers
						50+ James Chambers
						H John Deines
SLOPE TEST		ACCIDENT: - (GIVE NAME)				H
@	FT.	DST # 2 (4349-4370) 3				
DEG. OFF		45-60-115-60 (8 HRS Daywork)				Self Rome

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.		WEIGHT		DRILLING		SIZE D. P.	
SIZE		VISC.		CORING		SIZE COLL.	
MAKE		WTR. LOSS-C.C.		OTHER		JTS. D. P.	
SERIAL NO.		FILTER CAKE		REPAIRS		KELLY DOWN	
DEPTH IN		PH.		TRIP	8	COLLARS	
HOURS RUN		MTL. ADDED (REMARKS)		DST #2		TOTAL	

REMARKS: 3:00 to 8:15 CO W/Bit & Trip out 8:15 to 5:00 In w/Tool 5:00 to 8:30 O.B. w/Test
8:30 to 11:00 Full DST #2 (Dump Drill)

DAILY DRILLING REPORT

BOX 800
TULSA OK 74101

COMPANY

Grand Mesa Operating

DISTRICT

CONTRACTOR

Discovery Drilling Inc

LEASE

Humphrey

COUNTY

Ness

STATE

KS

DATE

Sunday

9-17-00

WELL NO.

3-18

RIG NO.

1

D. P. STRING NO.

SIZE

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HR
4370 LTD	RTO	MISS.				DM Paul Rozcan	5
LTD	4369					EM Arlen Witthuhn	8
						H Dave Clark	8
						H	
SLOPE TEST	ACCIDENT: - (GIVE NAME)	None					
@	FT.						
DEG. OFF		(8 HRS Daywork)				DRLR Bill Skeen	5

BIT AND COREHEAD RECORD			MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.			WEIGHT		DRILLING		SIZE D. P.	
SIZE			VISC.		CORING		SIZE COLL.	
MAKE			WTR. LOSS-C.C.		OTHER	3 1/2	JTS. D. P.	
SERIAL NO.			FILTER CAKE		DRILL	2 1/2	KELLY DOWN	
DEPTH IN			PH.		TRIP	2 1/2	COLLARS	
HOURS RUN			MTL. ADDED (REMARKS)		CTCH	1 1/2	TOTAL	

REMARKS: 12:00 to 1:30 Break & Load out material 11:30 to 3:00 Rig up Logger and Log 3:00 to 5:30 Trip in w/Bit 5:30 to 7:00 CTCH

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HR
						DM	
						EM BILL BUYSK	8
						H KEROY GIEBLER	8
						H	
SLOPE TEST	ACCIDENT: - (GIVE NAME)						
@	FT.						
DEG. OFF		(8 HRS Daywork)				DRLR CLIFF MAXFIELD	8

BIT AND COREHEAD RECORD			MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.			WEIGHT		DRILLING		SIZE D. P.	
SIZE			VISC.		CORING		SIZE COLL.	
MAKE			WTR. LOSS-C.C.		OTHER	1 1/2	JTS. D. P.	
SERIAL NO.			FILTER CAKE		DRILL	2 1/2	KELLY DOWN	
DEPTH IN			PH.		TRIP	1 1/2	COLLARS	
HOURS RUN			MTL. ADDED (REMARKS)		Run 5 1/2	2 1/2	TOTAL	

REMARKS: 7:00 - 8:30 UNLOAD 5 1/2" STALLY, TAKE PROTECTORS OFF. 8:30 - 11:00 LAY 1/2" COLLARS DOWN. 11:00 - 12:30 BRAKE & LAY KELLY DOWN, JET CELLAR, PUT BRADEN IN & R. 4" TO RUN 5 1/2". 12:30 - 3:00 RUN 5 1/2".

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HR
						DM	
						EM James Chambers	8
						H John Reine	8
						H	
SLOPE TEST	ACCIDENT: - (GIVE NAME)						
@	FT.						
DEG. OFF		(4 HRS Daywork)				DRLR Syl Rame	8

BIT AND COREHEAD RECORD			MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.			WEIGHT		DRILLING		SIZE D. P.	
SIZE			VISC.		CORING		SIZE COLL.	
MAKE			WTR. LOSS-C.C.		OTHER		JTS. D. P.	
SERIAL NO.			FILTER CAKE		REPAIRS		KELLY DOWN	
DEPTH IN			PH.		TRIP		COLLARS	
HOURS RUN			MTL. ADDED (REMARKS)				TOTAL	

REMARKS: 3:00 TO 3:45 Run 5 1/2" casing 3:45 TO 4:30 CIV. 4:30 TO 5:15 Cement Bottom 5:15 TO 5:45 TO STAGE 6:00 TO 7:00 Set Slips (Rig Released) 7:00 TO 11:00 Tear D