

30-015-33700

CEMENT JOB REPORT



CUSTOMER Preston Exploration, LLC		DATE 09-FEB-05		F.R. # 272011503		SERV. SUPV. LYLE D SPURLOCK JR	
LEASE & WELL NAME SAN REMO 32#1 - API 30015337000000		LOCATION		COUNTY-PARISH-BLOCK Eddy New Mexico			
DISTRICT Artesia		DRILLING CONTRACTOR RIG # PERMAN DRILLING #1		TYPE OF JOB Surface			
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		PHYSICAL SLURRY PROPERTIES			
Cement Plug, Rubber, Top 13-3/8 in		700-LAP-PVTS Float Collar, 13-3/8 in		SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS
		Guide Shoe/TX Pat 13-3/8 - 8rd					PUMP TIME HR:MIN
							Bbl SLURRY
							Bbl MIX WATER
MATERIALS FURNISHED BY BJ							
WATER					8.4		10
C+2%CACL2+1/4#CF				460	14.8	1.35	111
WATER					8.4		60
Available Mix Water 300 Bbl.				Available Displ. Fluid 300 Bbl.		TOTAL 181 69.80	
HOLE		TBG-CSG-D.P.				COLLAR DEPTHS	
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE
17.5		422	13.375	61	CSG	426	K-55
						SHOE	FLOAT
						426	391.61
							STAGE
LAST CASING		PKR-CMT RET-BR PL-LINER		PERF. DEPTH		TOP CONN	
SIZE	WGT	TYPE	DEPTH	BRAND & TYPE	DEPTH	TOP	BTM
		OPEN HOLE	422	NO PACKER		0	0
						13.375	BUTT
							FRESH WATER
							WGT.
							8.5
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED
60	BBLS	WATER	8.4	130	0	0	0
							Operator
							3090
							2472
							RIG
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: NONE							
PRESSURE/RATE DETAIL						EXPLANATION	
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW ☒ CO. REP. ☒	
	PIPE	ANNULUS				TEST LINES 2000 PSI	
						CIRCULATING WELL - RIG ☒ BJ ☐	
04:45						SAFETY MEETING	
05:05	2000	0	.5	.5	H2O	TEST LINES	
05:15	50	0	3	10	H2O	SPACER	
05:18	160	0	3.8	111	CMT	LEAD CEMENT@14.8	
05:50	0	0	0	0	CMT	SHUT DOWN DROP PLUG	
05:51	220	0	4.5	50	H2O	DISPLACE	
06:07	175	0	3	10	H2O	SLOW RATE	
06:11	507	0	3		H2O	PLUG DOWN	
THANKS DUANE AND CREW							
BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT	SERVICE SUPERVISOR SIGNATURE:
☒ Y ☐ N	507	☒ Y ☐ N	0	181	0	☒ Y ☐ N	

CEMENT JOB REPORT



CUSTOMER Preston Exploration, LLC			DATE 10-FEB-05		F.R. # 272011505		SERV. SUPV. JAMIE C JONES		
LEASE & WELL NAME SAN REMO32#1 - API 30015337000000			LOCATION			COUNTY-PARISH-BLOCK Eddy New Mexico			
DISTRICT Artesia			DRILLING CONTRACTOR RIG # PERMIAN DRILLING#1			TYPE OF JOB Plug Back			

SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		PHYSICAL SLURRY PROPERTIES					
AFJ Bull Plug, 1.250 in	NO SHOE	SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER	
MATERIALS FURNISHED BY BJ									
WATER			8.4				1		
C+CALCIUM			14.8				7		
WATER			8.4				1		
Available Mix Water <u>250</u> Bbl.		Available Displ. Fluid <u>250</u> Bbl.		TOTAL		9			

HOLE			TBG-CSG-D.P.				COLLAR DEPTHS			
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE
17.5		422	1.05	1.5	TBG	122	C-75			

LAST CASING				PKR-CMT RET-BR PL-LINER		PERF. DEPTH		TOP CONN		WELL FLUID	
SIZE	WGT	TYPE	DEPTH	BRAND & TYPE	DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.
13.38	61	CSG	426	NO PACKER	0	0	0	1	8RD	FRESH WATER	8.4

DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI	MAX CSG PSI		MIX WATER
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator	RATED	Operator
1	BBLS	WATER	8.4	0	0	0	10000	8000	0	0 RIG

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: NONE

PRESSURE/RATE DETAIL						EXPLANATION	
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW ☒ CO. REP. ☐	
	PIPE	ANNULUS				TEST LINES	2000 PSI
11:50						CIRCULATING WELL - RIG ☐ BJ ☒	
						safety meeting	
11:55	60	0	2	10	H2O	TAG CMT@87 CMT@64	
12:04	340	0	2	20	CMT	SPACER	
12:15	650	0	2.5	.5	H2O	SLURRY@14.8	
12:16						DISPLACE	
						SHUT DOWN	
						CIRCULATED 5 SACKS	
						THANKS DUANE AND CREW	

BUMPED PLUG Y ☒ N	PSI TO BUMP PLUG	TEST FLOAT EQUIP. Y ☒ N	BBL.CMT RETURNS/ REVERSED 1	TOTAL BBL. PUMPED 30	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT Y ☒ N	SERVICE SUPERVISOR SIGNATURE:
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CEMENT JOB REPORT



CUSTOMER Preston Exploration, LLC			DATE 13-FEB-05		F.R. # 365210675		SERV. SUPV. Paxton Jackson					
LEASE & WELL NAME San Remo 32 #1 - API 30015337000000			LOCATION Sec 32 - T16S - R26E			COUNTY-PARISH-BLOCK Eddy New Mexico						
DISTRICT Artesia			DRILLING CONTRACTOR RIG # Permian Drilling #1			TYPE OF JOB Intermediate						
SIZE & TYPE OF PLUGS			LIST-CSG-HARDWARE			PHYSICAL SLURRY PROPERTIES						
Cement Plug, Rubber, Top 9-5/8 in			Guide Shoe, Texas-Notched 9-5/8 in			SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
			Float Collar, Ball Valve, 9-5/8 - 8rd									
MATERIALS FURNISHED BY BJ												
"H"+8%A10+1%CaCl+1/4#Celloflake						180	14.6	1.52	6.16		49	26.55
35.65.6"C"+5%Salt+1/4#Celloflake						400	12.4	2.1	11.64		150	111.15
"C"+2%CaCl						200	14.8	1.34	6.36		48	30.46
Fresh water						0	8.34				107	
Available Mix Water <u>450</u> Bbl. Available Displ. Fluid <u>250</u> Bbl.						TOTAL					354	168.15
HOLE			TBG-CSG-D.P.					COLLAR DEPTHS				
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE		
12.25	285	1448	9.625	40	CSG	1454	S-95	1454	1408		0	
LAST CASING			PKR-CMT RET-BR PL-LINER			PERF. DEPTH		TOP CONN		WELL FLUID		
SIZE	WGT	TYPE	DEPTH	BRAND & TYPE		DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.
13.38	61	CSG	422	No Packer		0	0	0	9.625	8 RD	FRESH WATER	8.4
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI		MAX CSG PSI		MIX WATER	
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator	RATED	Operator		
107	BBLs	Fresh water	8.34	391	0	0	0	0	6820	5456	Rig	

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING:

PRESSURE/RATE DETAIL						EXPLANATION	
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW ☒ CO. REP. ☐	
	PIPE	ANNULUS				TEST LINES 5500 PSI	
						CIRCULATING WELL - RIG ☒ BJ ☐	
						Water temp 62 deg; pH 7.0; Chlorides 0; Sulfates <200	
07:30	0	0	0	0	---	Arrived on location	
17:00	0	0	0	0	---	Safety meeting	
17:30	1520	0	1	9	F/W	Try to unstick casing	
18:38	1900	0	6	15	F/W	Try to unstick casing	
18:43	1000	0	3.6	25	F/W	Try to unstick casing	
						2/14/05	
05:20	1400	0	2.5	3	F/W	Pump thru 1" tubing down backside	
07:00	550	0	1.2	10	F/W	Pump thru 1" tubing down backside	
10:06	1250	0	5.1	10	F/W	Pump thru casing	
10:33	5500	0	1	1	F/W	Test lines	
10:36	1050	0	5.5	20	F/W	Fresh water ahead	
10:39	1100	0	5.5	10	12.4# CMT	BJ Lite	
10:43	0	0	0	0	---	PTO on Pump Blew apart	
10:45	850	0	5	150	F/W	Displace pipe	
13:28	1000	0	5	20	F/W	Fresh water ahead	
13:33	1150	0	5	34	12.4# CMT	100 Sacks of the Lead cement	
13:41	975	0	4.9	46	14.8# CMT	Tail	
13:51	0	0	0	0	---	Shutdown, Drop plug	
13:53	650	0	5	80	F/W	Displacement	
14:10	1300	0	3	11	F/W	Slow rate	
14:14	1580	0	0	0	---	Plug did not bump, Shut down, Float held	
						Thanks, Keith and Crew!!!	

CEMENT JOB REPORT



PRESSURE/RATE DETAIL						EXPLANATION	
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW ☒ CO. REP. ☐	
	PIPE	ANNULUS				TEST LINES	5500 PSI
						CIRCULATING WELL - RIG ☒ BJ ☐	
BUMPED PLUG Y ☒ N	PSI TO BUMP PLUG 1580	TEST FLOAT EQUIP. ☒ Y N	BBL.CMT RETURNS/ REVERSED 0	TOTAL BBL. PUMPED 283	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT Y ☒ N	SERVICE SUPERVISOR SIGNATURE:

CEMENT JOB REPORT



CUSTOMER Preston Exploration, LLC			DATE 15-FEB-05		F.R. # 272011511		SERV. SUPV. James Peppin		
LEASE & WELL NAME San Remo 32 - #1 - API 30015337000000			LOCATION SEC 32 - 16 S - 26 E			COUNTY-PARISH-BLOCK Eddy New Mexico			
DISTRICT Artesia			DRILLING CONTRACTOR RIG # Permain Drilling # 1			TYPE OF JOB Tie Back			

SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		PHYSICAL SLURRY PROPERTIES						
				SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
MATERIALS FURNISHED BY BJ										
C + 2 % cac12				85	14.8	1.32	6.34	00:00	20	12.84
h20				0	8.34	0	0	00:00	0	0
Available Mix Water <u>500</u> Bbl. Available Displ. Fluid <u>500</u> Bbl.				TOTAL					20	12.84

HOLE			TBG-CSG-D.P.				COLLAR DEPTHS			
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE
0	0	0	1.05	1.5	TBG	579	C-75	0	0	0

LAST CASING			PKR-CMT RET-BR PL-LINER			PERF. DEPTH		TOP CONN		WELL FLUID	
SIZE	WGT	TYPE	DEPTH	BRAND & TYPE	DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.
9.625	40	CSG	1237	no packer	0	0	0	1.05	8RD	FRESH WATER	8.34

DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI	MAX CSG PSI		MIX WATER
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator	RATED	Operator
2	BBLs	h20	8.34	0	0	0	0	0	0	FBO

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: NONE

PRESSURE/RATE DETAIL						EXPLANATION	
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW ☒ CO. REP. ☐	
	PIPE	ANNULUS				TEST LINES	2000 PSI
						CIRCULATING WELL - RIG ☐ BJ ☒	
11:00	0	0	0	0	0	ARRIVE NO LOC & RIG UP	
00:00	0	0	0	0	0	TAG @ 579 FT	
01:58	794	0	1.5	0	H2O	H2O AHEAD	
02:13	827	0	1.5	23	H2O	H2O TO WASH DOWN 1 IN PIPE	
02:20	840	0	1.5	33	H2O	H2O GONE	
02:35	868	0	1.5	53	H2O	H2O GONE	
02:47	874	0	1.5	70	H2O	H2O GONE & THEN SHUT DOWN	
03:39	874	0	1.5	5	H2O	H2O AHEAD OF CMT SLURRY	
03:42	0	0	0	0	0	BATCH UP CMT SLURRY @ 12.4	
03:44	1350	0	1.3	37	CMT	CMT SLURRY @ 12.4	
04:12	1252	0	1.3	2	H2O	DISP W/H2O	
00:00	0	0	0	0	0	TAG @ 519 FT	
09:05	656	0	1.3	2	H2O	H2O AHEAD OF CMT SLURRY @ 12.4	
09:10	1350	0	1.3	63	CMT	CMT SLURRY @ 12.4	
09:45	1253	0	1.3	2	H2O	DISP W/H2O	
00:00	0	0	0	0	0	TAG @ 310 FT	
03:14	680	0	1.3	5	H2O	H2O AHEAD	
03:17	488	0	1.3	20	CMT	CMT SLURRY @ 14.8 W/2% CACL2	
03:30	11321	0	1.5	2	H2O	DISP W/H2O	
00:00	0	0	0	0	0	CREW & I THANK YOU FOR THIS JOB	

BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT	SERVICE SUPERVISOR SIGNATURE:
Y ☐ N ☒	0	Y ☐ N ☒	0	0	0	Y ☐ N ☒	



JACK BARTLETT

Artesia, NM

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MudPIT IITM

Date	2/7/2005	Measured Depth	40
Report #	1	TVD	40
Spud Date	2/9/2005	Bit Measured Depth	0
API Well #		Bit TVD	0
Present Activity	RIG UP		

Operator:	PRESTON EXPLORATION				Contractor:	PERMIAN DRILLING 1													
Report For:	MR. STEVE DEMORY				Report For:	MR. R. C. COSTELLO													
Well Name/No.		Field / Block		Sur - Abs or Sec-T-R		County / Parish		State / Province		Country									
SAN REMO 32 #1		Field/Block		32/16S/26E		EDDY		NEW MEXICO		USA									
		Casing		OD	ID	Top	Bottom	Pump and Circulating Data (check box for Riser Boost)											
		CONDUCTOR		20	19	0	40	Pump #	1 ☐	2 ☐	3 ☐	Stand Pipe Pressure	0						
								Liner	6.0	6.0	0.0	Calc. Pressure Loss	0						
								Stroke	16.0	15.0	0.0	ECD	8.60						
								stk/min	0	0	0	Pump #	1	Min	Stks				
								Efficiency	90	90	95	Surf-Bit	0	0					
								bbbls/stk	0.147	0.138	0.000	Bott's Up	#Num!	0					
								gal/min	0	0	0	Surf-Surf	#Error	0					
						Total GPM	0		Tot. Circ.	#Error	1,702								
Bit Data				Active Volume		Storage Volume		Volume Reconciliation											
Bit Size:		17.5		TFA:	0.589		Annulus:	0		Storage 1			Starting Volume:			Total Additions:	0		
% Washout:		0		Noz-Vel:			Drillstring:	0		Storage 2			Water Additions:			Hole Losses:			
Bit Type:				Imp-Frc:			Pits:	250		Storage 3			Oil Additions:			SCE Losses:			
Bit #:		1		PSI Loss:			Slug Pit:	0		Storage 4			Chemical Additions:			Other Loss:			
Jets:		16	16	16	HSI:			Total Circulating Volume	250		Total Storage Volume	0		Barite Additions:			Total Losses:		
					Sys. HHP:				0			0		Whole Mud Add:			Mud To Storage:		
					%Sys HHP:			Volume Below the Bit	0			0		Other Additions:			Ending Volume:	0	
FluidType		Water-based		Fluid Properties				Hydraulics (ft/min)				Operating Data							
Sample From / Temperature (F)				Pit									Avg ROP						
Time Sample Taken:				9:00 AM				WOB (k#s)											
Depth @ Time of Sample (ft)				40				Rotating Weig											
Weight (lb/gal)				8.60				Rotary Speed											
Funnel Viscosity (sec/qt)								Rotating Hrs.											
Plastic Viscosity (cP) @				120 F				Sliding Hrs.											
Yield Point (lb/100 ft ²)								Non-Drig Hrs.											
Gel Strength (10s/10m)(lb/100ft)								P/U (k-lbs)											
Gel Strength @				30 min				S/O (k-lbs)											
API Filtrate (mL/30 min)				0				Torque											
HPHT Filtrate (mL) @				250 F				Angle											
Cake (32's)(API/HPHT)								Azimuth											
Water (% by vol)								Surv. Depth											
Other Fluid (% by vol)				SG	1.20				Viscometer Rdgs				Solids Control Equipment						
Non-Aq (% by vol)				SG	0.84				600	0	Shaker	Screens		Hrs	U/F	O/F			
Solids (% by vol)								300	0	1			De-Sand						
Sand (% by vol)				0				200	0	2			De-Silt						
MBT Cap (Bent Equiv lb/bbl)								100	0	3			Cent.						
pH @				120 F				6	0	4			Cent.						
Pm (Mud Alkalinity) (mL)								3	0	M/C									
Pf/Mf (Filtrate Alkalinity) (mL)								Active Products											
Chlorides (mg/L)								Materials		Initial	Rec'd	Used	Balance	Cost					
Hardness (mg/L as Calcium)								Caustic Soda (50 #/sk)		0	48	0	48						
LGS (% by vol)				SG	2.60				Fiber Plug (40 #/sk)		0	120	0	120					
LGS (ppb)								FRESH WATER GEL (100#/sack)		0	180	47	133	\$405.14					
HGS (% by vol)				SG	4.20				Lime (50 #/sk)		0	50	5	45	\$41.30				
HGS (ppb)								NEW-55 (5 gal/l)		0	15	0	15						
Corrected Solids (% by vol)								Paper (40 #/sk)		0	90	0	90						
Refractometer Rdg (brix)								Salt (50 #/sk)		0	5	0	5						
DDI in Aqueous Phase (%)								Soda Ash (50 #/sk)		0	50	0	50						
Optional Label 1																			
Optional Label 2																			
Treatment Recommendations																			
PH 10 WITH LIME																			
KEEP VIS ABOVE 33 WITH ADDITIONS OF GEL																			
RUN WATER AS NECESSARY TO KEEP WEIGHT BELOW 9.6 & VIS BELOW 40																			

Newpark Drilling Fluids, L.L.C.

Mud Report



JACK BARTLETT

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MudPIT IITM

Date	2/11/2005	Measured Depth	422
Report #	2	TVD	422
Spud Date	2/9/2005	Bit Measured Depth	0
API Well #		Bit TVD	0
Present Activity	NIPPLE UP		

Operator:	PRESTON EXPLORATION	Contractor:	PERMIAN DRILLING 1
Report For:	MR. STEVE DEMORY	Report For:	MR. R. C. COSTELLO

Well Name/No.	Field / Block	Sur - Abs or Sec-T-R	County / Parish	State / Province	Country
SAN REMO 32 #1	Field/Block	32/16S/26E	EDDY	NEW MEXICO	USA

Casing	OD	ID	Top	Bottom	Pump and Circulating Data (check box for Riser Boost)					
CONDUCTOR	20	19	0	40	Pump #	1	2	3	Stand Pipe Pressure	0
SURFACE	13.375	12.715	0	422	Liner	6.0	6.0	0.0	Calc. Pressure Loss	0
					Stroke	16.0	15.0	0.0	ECD	0.00
					stk/min	0	0	0	Pump #	1
					Efficiency	90	90	95	Surf-Bit	0
					bbls/stk	0.147	0.138	0.000	Bott's Up	#Numl
					gal/min	0	0	0	Surf-Surf	#Error
					Total GPM	0			Tot. Circ.	#Error
										1,702

Bit Data				Active Volume		Storage Volume		Volume Reconciliation			
Bit Size:	12.25	TFA:	0.389	Annulus:	0	Storage 1		Starting Volume:	0	Total Additions:	0
% Washout:	0	Noz-Vel:		Drillstring:	0	Storage 2		Water Additions:		Hole Losses:	
Bit Type:		Imp-Frc:		Pits:	250	Storage 3		Oil Additions:		SCE Losses:	
Bit #:	2	PSI Loss:		Slug Pit:	0	Storage 4		Chemical Additions:		Other Loss:	
Jets:	13	13	13	HSI:		Total Circulating Volume		Barite Additions:		Total Losses:	
				Sys. HHP:		250		Whole Mud Add:		Mud To Storage:	
				%Sys HHP:		Volume Below the Bit		Other Additions:		Ending Volume:	0

FluidType	Water-based	Fluid Properties				Hydraulics (ft/min)				Operating Data	
Sample From / Temperature (F)		Pit								Avg ROP	
Time Sample Taken:		10:15 AM								WOB (k#s)	
Depth @ Time of Sample (ft)		422								Rotating Weig	
Weight (lb/gal)										Rotary Speed	
Funnel Viscosity (sec/qt)		28								Rotating Hrs.	
Plastic Viscosity (cP) @	120	F								Sliding Hrs.	
Yield Point (lb/100 ft ²)										Non-Drig Hrs.	
Gel Strength (10s/10m)(lb/100ft)										P/U (k-lbs)	
Gel Strength @	30	min								S/O (k-lbs)	
API Filtrate (mL/30 min)		NC	0	0	0					Torque	
HPHT Filtrate (mL) @	250	F	0	0	0					Angle	
Cake (32's)(API/HPHT)										Azimuth	
Water (% by vol)										Surv. Depth	
Other Fluid (% by vol)	SG	1.20									
Non-Aq (% by vol)	SG	0.84									

Solids (% by vol)				Viscometer Rds				Solids Control Equipment			
Sand (% by vol)	0	0	0	600	0	Shaker	Screens	Hrs	U/F	O/F	
MBT Cap (Bent Equiv lb/bbl)				300	0	1		De-Sand			
pH @	120	F	7.5	200	0	2		De-Silt			
Pm (Mud Alkalinity) (mL)				100	0	3		Cent.			
Pf/Mf (Filtrate Alkalinity) (mL)				6	0	4		Cent.			
Chlorides (mg/L)	6,000			3	0	W/C					
Hardness (mg/L as Calcium)	1,000										

Active Products				Materials				Initial	Rec'd	Used	Balance	Cost
LGS (% by vol)	SG	2.60		FRESH WATER GEL (100#/sack)				133	0	22	111	\$189.64
LGS (ppb)				Lime (50 #/sk)				45	0	5	40	\$41.30
HGS (% by vol)	SG	4.20		Paper (40 #/sk)				90	0	12	78	\$150.00

HGS (ppb)												
Corrected Solids (% by vol)		100										
Refractometer Rdg (brix)												
DDI in Aqueous Phase (%)												
Optional Label 1												
Optional Label 2												

Treatment Recommendations

PH 10 WITH CAUSTIC
PAPER IF NEEDED FOR SEEPAGE
SWEEP HOLE WITH 1-2 GAL NEW-55 EVERY 250-300'



Newpark Drilling Fluids, L.L.C. Mud Report

JACK BARTLETT **Artesia, NM** **West TX**
Tel: (505) 628-3373 Tel: (505)365-6093 Tel: (432)697-8661
Pgr: Tel: Tel: (800) 592-4627
Mbl: (505) 390-6006 Fax: (505)748-7396 Fax: (432)697-8439

MudPIT II TM			
Date	2/14/2005	Measured Depth	1,448
Report #	3	TVD	1,448
Spud Date	2/9/2005	Bit Measured Depth	0
API Well #		Bit TVD	0
Present Activity	CEMENTING		

Operator:	PRESTON EXPLORATION	Contractor:	PERMIAN DRILLING 1
Report For:	MR. STEVE DEMORY	Report For:	MR. R. C. COSTELLO

Well Name/No.	Field / Block	Sur - Abs or Sec-T-R	County / Parish	State / Province	Country
SAN REMO 32 #1	Field/Block	32/16S/26E	EDDY	NEW MEXICO	USA

Casing	OD	ID	Top	Bottom	Pump and Circulating Data (check box for Riser Boost)						
	CONDUCTOR	20	19	0	40	Pump #	1 ☐	2 ☐	3 ☐	Stand Pipe Pressure	0
	SURFACE	13.375	12.715	0	422	Liner	6.0	6.0	0.0	Calc. Pressure Loss	0
	INTERMEDIAT	9.625	8.921	0	1200	Stroke	16.0	15.0	0.0	ECD	8.40
						stk/min	0	0	0	Pump #	1
						Efficiency	90	90	95	Surf-Bit	0
						bbls/stk	0.147	0.138	0.000	Bot's Up	#Numl
						gal/min	0	0	0	Surf-Surf	#Error
						Total GPM	0		Tot. Circ.	#Error	2,723

Bit Data				Active Volume		Storage Volume		Volume Reconciliation			
Bit Size:	12.25	TFA:	0.389	Annulus:	0	Storage 1		Starting Volume:	0	Total Additions:	3
% Washout:	0	Noz-Vel:		Drillstring:	0	Storage 2		Water Additions:		Hole Losses:	
Bit Type:		Imp-Frc:		Pits:	400	Storage 3		Oil Additions:		SCE Losses:	
Bit #:	2	PSI Loss:		Slug Pit:	0	Storage 4		Chemical Additions:	3	Other Loss:	
Jets:	13	13	13	HSI:		Total Circulating Volume		Barite Additions:		Total Losses:	
				Sys. HHP:	400	Total Storage Volume	0	Whole Mud Add:		Mud To Storage:	
				%Sys HHP:	Volume Below the Bit		0	Other Additions:		Ending Volume:	3

FluidType	Water-based	Fluid Properties						Hydraulics (ft/min)				Operating Data			
Sample From / Temperature (F)		Pit										Avg ROP			
Time Sample Taken:		1:30 PM										WOB (k#s)			
Depth @ Time of Sample (ft)		1,448										Rotating Weig			
Weight (lb/gal)		8.40										Rotary Speed			
Funnel Viscosity (sec/qt)		28										Rotating Hrs.			
Plastic Viscosity (cP) @ 120°F												Sliding Hrs.			
Yield Point (lb/100 ft ²)		1										Non-Drig Hrs.			
Gel Strength (10s/10m)(lb/100ft)												P/U (k-lbs)			
Gel Strength @ 30/min												S/O (k-lbs)			
API Filtrate (mL/30 min)		NC	0	0	0							Torque			

HPHT Filtrate (mL) @ 250°F		0	0	0	0			Viscometer Rdgs				Solids Control Equipment			
Cake (32's)(API/HPHT)								600	1	Shaker	Screens	Hrs	U/F	O/F	
Water (% by vol)		99.7						300	1	1		De-Sand			
Other Fluid (% by vol)	SG	1.20						200	0	2		De-Silt			
Non-Aq (% by vol)	SG	0.84						100	0	3		Cent.			
Solids (% by vol)		0.3						6	0	4		Cent.			
Sand (% by vol)		0	0	0	0			3	0	M/C					
MBT Cap (Bent Equiv lb/bbl)															
pH @ 120°F		7.0													

Active Products					
Materials	Initial	Rec'd	Used	Balance	Cost
DynaFiber C (25 #/sk)	0	50	0	50	
Fiber Plug (40 #/sk)	120	0	55	65	\$1,622.50
FRESH WATER GEL (100#/sack)	111	120	64	167	\$551.68
Lime (50 #/sk)	40	0	40	0	\$330.40
NEW-55 (5 gal/l)	15	0	2	13	\$457.92
NewPac R (50 #/sk)	0	20	0	20	
Paper (40 #/sk)	78	0	26	52	\$325.00
Pronto Plug (50#/sk) (50#/sk)	0	50	0	50	

Hardness (mg/L as Calcium)		900			
.GS (% by vol)	SG	2.60	0.0		
.GS (ppb)		0			
tGS (% by vol)	SG	4.20	0.0		
tGS (ppb)		0			
Corrected Solids (% by vol)		0			
Refractometer Rdg (brix)					
DDI in Aqueous Phase (%)					
Optional Label 1					
Optional Label 2					

Treatment Recommendations



Newpark Drilling Fluids, L.L.C. Mud Report

JACK BARTLETT

Artesia, NM

West TX

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Fax: (432)697-8439

MudPIT IITM

Date	2/17/2005	Measured Depth	1,448
Report #	4	TVD	1,448
Spud Date	2/9/2005	Bit Measured Depth	0
API Well #		Bit TVD	0
Present Activity	WAIT ON CEMENT		

Operator:	PRESTON EXPLORATION	Contractor:	PERMIAN DRILLING 1
Report For:	MR. STEVE DEMORY	Report For:	MR. R. C. COSTELLO

Well Name/No.	Field / Block	Sur - Abs or Sec-T-R	County / Parish	State / Province	Country
SAN REMO 32 #1	Field/Block	32/16S/26E	EDDY	NEW MEXICO	USA

Casing CONDUCTOR SURFACE INTERMEDIAT	OD	ID	Top	Bottom	Pump and Circulating Data (check box for Riser Boost)							
	20	19	0	40	Pump #	1 ☐	2 ☐	3 ☐	Stand Pipe Pressure		0	
	13.375	12.715	0	422	Liner	6.0	6.0	0.0	Calc. Pressure Loss		0	
	9.625	8.921	0	1237	Stroke	16.0	15.0	0.0	ECD		8.44	
					stk/min	0	0	0	Pump #	1	Min	Stks
					Efficiency	90	90	95	Surf-Bit		0	0
					bbls/stk	0.147	0.138	0.000	Bott's Up		#Num!	0
					gal/min	0	0	0	Surf-Surf		#Error	0
					Total GPM	0			Tot. Circ.		#Error	2,723

Surfnee CSNG.

PRESTON EXPLORATION, LLC

SAN REMO 32 #1

EDDY N.M.

2-10-05

TEMPERATURE

Log

300'

250'

200'

85°

90°

95°

100°

150'

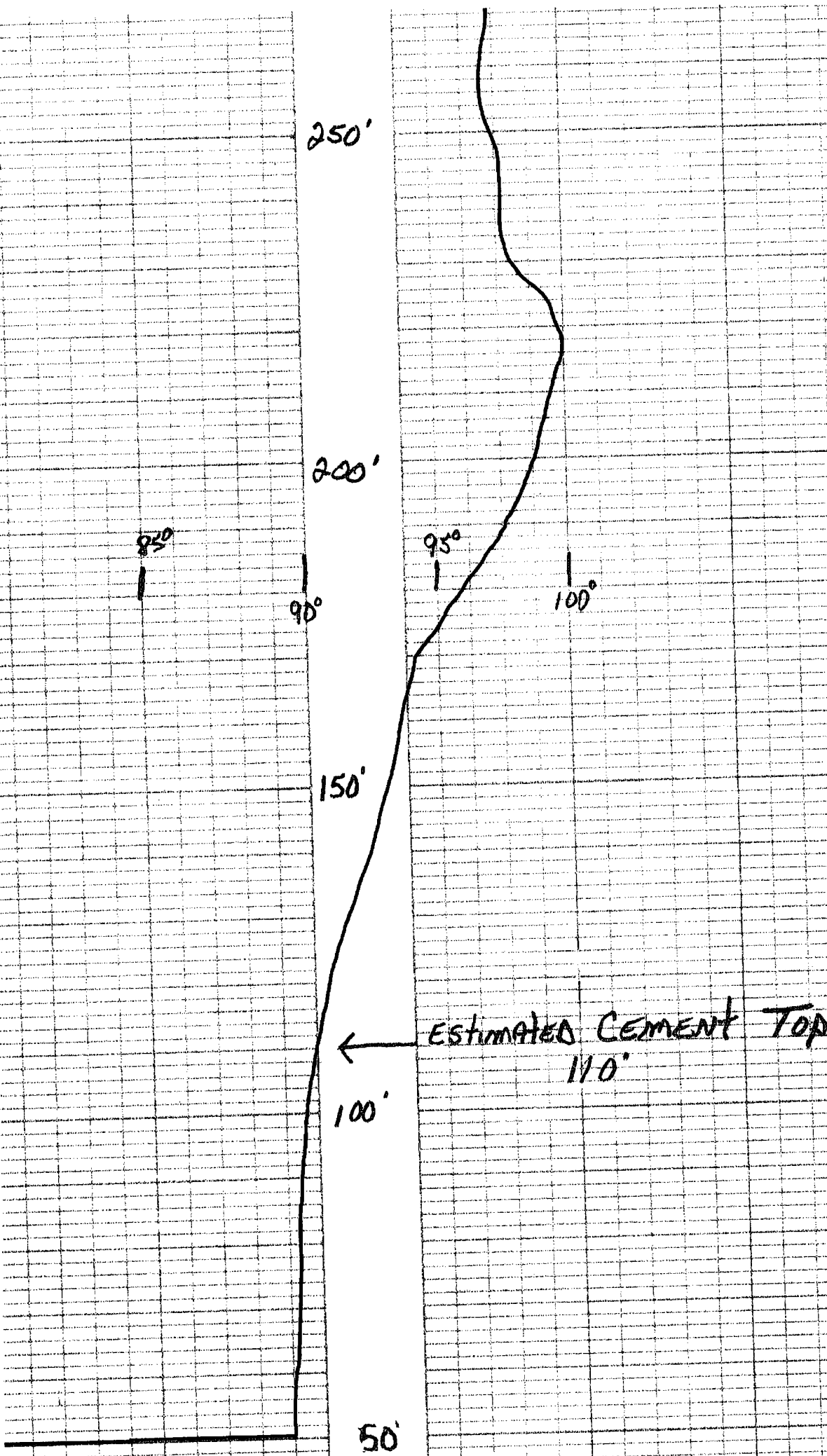
100'

ESTIMATED CEMENT TOP
110'

RECEIVED

FEB 21 2006

GORIA ARTESIA



RECEIVED
FEB 21 2005
OCCIDENTAL

SE San Remo 32"		WELL NO. 11	API WELL NUMBER		DATE
OPERATOR Preston Exploration LLC		CONTRACTOR Permian Drilling			RIG NO. 1
NATURE OF OPERATOR'S REPRESENTATIVE		SIGNATURE OF CONTRACTOR'S TOOL PUSHER <i>[Signature]</i>			

SIZE	WEIGHT	GRADE	TOOL JT O.D.	TYPE THREAD	STRING NO.	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
						1	6	6"	16
						2	6D	6"	15

TIME DISTRIBUTION - HOURS				DRILLING ASSEMBLY (At end of tour)			BIT RECORD				MUD RECORD				MORNING TOUR																
DE - OPERATION	MORN.	DAY	EVE.	NO.	ITEM	LENGTH	BIT NO.	SIZE	IADC CODE	MANUFACTURER	TYPE	SERIAL NO.	JETS	TFA		DEPTH OUT	DEPTH IN	TOTAL DRILLED	TOTAL HOURS	CUTTING STRUCTURE	TIME	WEIGHT	PRESSURE GRADIENT	FUNNEL VISCOSITY	PV/YP	GEL STRENGTH	FLUID LOSS	pH	SOLIDS	MUD & CHEMICALS ADDED	
RIG UP AND TEAR DOWN		3 1/2																													
DRILL ACTUAL		4																													
REAMING						OD																									
CORING						OD																									
CONDITION MUD & CIRCULATE						OD																									
TRIPS						OD																									
LUBRICATE RIG						OD																									
REPAIR RIG																															
CUT OFF DRILLING LINE																															
DEVIATION SURVEY		1 1/2																													
WIRE LINE LOGS																															
RUN CASING & CEMENT																															
WAIT ON CEMENT																															
NIPPLE UP B.O.P.																															
TEST B.O.P.																															
DRILL STEM TEST																															
PLUG BACK																															
SQUEEZE CEMENT																															
FISHING																															
DIR. WORK																															
A. PERFORATING																															
B. TUBING TRIPS																															
C. TREATING																															
D. SWABBING																															
E. TESTING																															
F.																															
G.																															
H.																															
LS		8																													
DAYWORK TIME SUMMARY (OFFICE USE ONLY)																							DAY TOUR								
S W/CONTR. D.P.																															
S W/OPR. D.P.																							EVENING TOUR								
S WITHOUT D.P.																															
S STANDBY																															
DAYWORK																															
DAYS SPUD																															
ACTIVE DRILLING HOURS																															
MUD COST																															
MUD COST																															



FIELD OR DISTRICT		COUNTY		STATE/COUNTRY		WIRE LINE RECORD REEL NO.										
LAST CASING TUBING OR LINER	SIZE	MAKE	WEIGHT & GRADE	NO. JOINTS	LENGTH	RKB. TO CSG. HD.	SET AT	SIZE 1 7/8	NO. LINES		LENGTH SLIPPED					
								LENGTH CUT OFF		PRESENT LENGTH						
								WEAR OR TRIPS SINCE LAST CUT								
								CUMULATIVE WEAR OR TRIPS								
DEPTH INTERVAL		DRILL D REAM. R CORE. C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY TABLE SPEED	WT. ON BIT	PUMP PRESSURE	PUMP NO. 1		PUMP NO. 2		PUMP NO. 3		PUMP NO. 4		TOTAL PUMP OUTPUT
FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
DEVIATION RECORD		DEPTH	DEV.	DIR.	TVD	HORIZ. DISP.	DEPTH	DEV.	DIR.	TVD	HORIZ. DISP.	DEPTH	DEV.	DIR.	TVD	HORIZ. DISP.
TIME LOG		ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS												
FROM	TO			Safety meeting 5 min Communication												
1:00	7:00	8		Rig UP												
				Divers 179												
				DRILLER Robert S. Ortega												
DEPTH INTERVAL		DRILL D REAM. R CORE. C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY TABLE SPEED	WT. ON BIT	PUMP PRESSURE	PUMP NO. 1		PUMP NO. 2		PUMP NO. 3		PUMP NO. 4		TOTAL PUMP OUTPUT
FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
40	336	D			100	all	700	57								
DEVIATION RECORD		DEPTH	DEV.	DIR.	TVD	HORIZ. DISP.	DEPTH	DEV.	DIR.	TVD	HORIZ. DISP.	DEPTH	DEV.	DIR.	TVD	HORIZ. DISP.
		236	1/2°													
TIME LOG		ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS												
FROM	TO			Rig up, TEST FOR LEAKS mix spud mud Hack up Flow.												
1:00	10:30	3 1/2	1	DRILLING TO 279												
2:30	2:00	3	2	WLS - 236 - 1/2°												
1:30	2:00	1 1/2	10	DRILLING 279 TO 336												
2:00	3:00	1	2													
				DRILLER W L Cockrell												
DEPTH INTERVAL		DRILL D REAM. R CORE. C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY TABLE SPEED	WT. ON BIT	PUMP PRESSURE	PUMP NO. 1		PUMP NO. 2		PUMP NO. 3		PUMP NO. 4		TOTAL PUMP OUTPUT
FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
36	422	D			85	ALL	9000	6	56							
DEVIATION RECORD		DEPTH	DEV.	DIR.	TVD	HORIZ. DISP.	DEPTH	DEV.	DIR.	TVD	HORIZ. DISP.	DEPTH	DEV.	DIR.	TVD	HORIZ. DISP.
		422	1'													
TIME LOG		ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS												
FROM	TO			DRILL 336 - 422												
1:00	6:50	3 1/2	2	Pump 4000 work on pump 4000												
1:30	7:30	1	1	DRILL 336 - 422												
1:30	9:30	2	6	pump 4000 High vis sweep												
1:30	10:00	1/2		TO H L/D B.H.H												
2:00	11:00	1														
				DRILLER R. M. Miller												



DAILY DRILLING REPORT

REPORT NO.

WELL NO. 1		API WELL NUMBER		DATE 2-10-05	
OPERATOR Sam Remo "32"		CONTRACTOR Permian Drilling Co		RIG NO. 1	
SIGNATURE OF OPERATOR'S REPRESENTATIVE <i>[Signature]</i>		SIGNATURE OF CONTRACTOR'S TOOL PUSHER <i>[Signature]</i>			
P. SIZE	WEIGHT	GRADE	TOOL JT O.D.	TYPE THREAD	STRING NO.
1 1/2	13.30				
PUMP NO. 1			PUMP MANUFACTURER GARNER		TYPE 6"
PUMP NO. 2			PUMP MANUFACTURER DENVER		TYPE 6"
					STROKE LENGTH 16
					STROKE LENGTH 15

TIME DISTRIBUTION - HOURS				DRILLING ASSEMBLY (At end of tour)			BIT RECORD				MUD RECORD																			
NO.	OPERATION	MORN.	DAY	EVE.	NO.	ITEM	LENGTH	BIT NO.	SIZE	IADC CODE	MANUFACTURER	TYPE	SERIAL NO.	JETS		TFA	DEPTH OUT	DEPTH IN	TOTAL DRILLED	TOTAL HOURS	CUTTING STRUCTURE	TIME	WEIGHT	PRESSURE GRADIENT	FUNNEL VISCOSITY	PV/YP	GEL STRENGTH	FLUID LOSS	pH	SOLIDS
RIG UP AND TEAR DOWN																											MORNING TOUR			
DRILL ACTUAL																														
REAMING																														
CORING																														
CONDITION MUD & CIRCULATE																														
TRIPS																														
LUBRICATE RIG																														
REPAIR RIG																														
CUT OFF DRILLING LINE																														
DEVIATION SURVEY																														
WIRE LINE LOGS																											DAY TOUR			
RUN CASING & CEMENT				1 1/2																										
WAIT ON CEMENT				6 1/2																										
NIPPLE UP B.O.P.																														
TEST B.O.P.																														
DRILL STEM TEST																														
PLUG BACK																														
SQUEEZE CEMENT																														
FISHING																														
DIR. WORK																														
A. PERFORATING																											EVENING TOUR			
B. TUBING TRIPS																														
C. TREATING																														
D. SWABBING																														
E. TESTING																														
F.																														
G.																														
H.																														
ALS																														
DAYWORK TIME SUMMARY (OFFICE USE ONLY)																														
RS W/CONTR. D.P.																														
RS W/OPR. D.P.																														
RS WITHOUT D.P.																														
RS STANDBY																														
L DAYWORK																														
IF DAYS																														
SPUD																														
RELATIVE																														
TING HOURS																														
MUD COST																														
L MUD COST																														



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200-01-5
CM 001

FIELD OR DISTRICT		COUNTY		STATE/COUNTRY		WIRE LINE RECORD		REEL NO.	
		Eddy		N. Mex		SIZE 1 1/8		NO. LINES 8	
LAST CASING TUBING OR LINER		SIZE	MAKE	WEIGHT & GRADE	NO. JOINTS	LENGTH	RKB. TO CSG. HD.	SET AT	LENGTH CUT OFF
		153/8	BTC	61 K55	12	428	18	422	PRESENT LENGTH
									WEAR OR TRIPS SINCE LAST CUT
									CUMULATIVE WEAR OR TRIPS

DEPTH INTERVAL		DRILL D REAM. R CORE. C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY TABLE SPEED	WT. ON BIT	PUMP PRESSURE	PUMP NO. 1		PUMP NO. 2		PUMP NO. 3		PUMP NO. 4		TOT. PUM. OUT
FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	

DEVIATION RECORD	DEPTH	DEV.	DIR.	TVD	HORIZ. DISP.	DEPTH	DEV.	DIR.	TVD	HORIZ. DISP.	DEPTH	DEV.	DIR.	TVD	HORIZ. DISP.

TIME LOG		ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS	
FROM	TO				
1100	1200	1		Rig up casing from P35M	
1200	500	3		Run 13 3/8 casing 12 JIS	
300	430	1 1/2		Rig up BJ 4 WAS 40' To Bottom	
430	6:00	1 1/2		TEST Lines Cement w/ Lead 460 #T @ PD 600	
6:00	7:00	1		WOC	
				Diesel 75	

DEPTH INTERVAL		DRILL D REAM. R CORE. C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY TABLE SPEED	WT. ON BIT	PUMP PRESSURE	PUMP NO. 1		PUMP NO. 2		PUMP NO. 3		PUMP NO. 4		TOTA PUMI OUTPI
FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
422								6								

DEVIATION RECORD	DEPTH	DEV.	DIR.	TVD	HORIZ. DISP.	DEPTH	DEV.	DIR.	TVD	HORIZ. DISP.	DEPTH	DEV.	DIR.	TVD	HORIZ. DISP.

TIME LOG		ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS	
FROM	TO				
7:00	10:00	3	13	W.O.C.	
10:00	11:00	1	13	Run TEMP. SURVAY (CMT: 110')	
11:00	12:30	1 1/2	12	1" BESIDE CSG. TAG 87' PULL UP CMT AT 64' WITH 150 SK.	
12:30	3:00	2 1/2	13	W.O.C. & Rig DOWN BJ.	

DEPTH INTERVAL		DRILL D REAM. R CORE. C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY TABLE SPEED	WT. ON BIT	PUMP PRESSURE	PUMP NO. 1		PUMP NO. 2		PUMP NO. 3		PUMP NO. 4		TOTA PUMI OUTPI
FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
42																

DEVIATION RECORD	DEPTH	DEV.	DIR.	TVD	HORIZ. DISP.	DEPTH	DEV.	DIR.	TVD	HORIZ. DISP.	DEPTH	DEV.	DIR.	TVD	HORIZ. DISP.

TIME LOG		ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS	
FROM	TO				
3:00	5:30	2 1/2		WOC	
5:30	6:00	1/2		cut off cord.	
6:00	7:00	1		WELD on 13 3/8 3000 PSI Head	
7:00	10:00	3		Nipple up BOP	

DEPTH INTERVAL		DRILL D REAM. R CORE. C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY TABLE SPEED	WT. ON BIT	PUMP PRESSURE	PUMP NO. 1		PUMP NO. 2		PUMP NO. 3		PUMP NO. 4		TOTA PUMI OUTPI
FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
42																

DEVIATION RECORD	DEPTH	DEV.	DIR.	TVD	HORIZ. DISP.	DEPTH	DEV.	DIR.	TVD	HORIZ. DISP.	DEPTH	DEV.	DIR.	TVD	HORIZ. DISP.

TIME LOG		ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS	
FROM	TO				
3:00	5:30	2 1/2		WOC	
5:30	6:00	1/2		cut off cord.	
6:00	7:00	1		WELD on 13 3/8 3000 PSI Head	
7:00	10:00	3		Nipple up BOP	

IADC - API OFFICIAL DAILY DRILLING REPORT FORM

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No. 1430871

USE Sam Remo "32"		WELL NO. 1		API WELL NUMBER		DATE 2-11-05			
OPERATOR Preston Exploration				CONTRACTOR PERMIAN DELG Co		RIG NO. 1			
NATURE OF OPERATOR'S REPRESENTATIVE <i>[Signature]</i>				SIGNATURE OF CONTRACTOR'S TOOL PUSHER <i>[Signature]</i>					
P. SIZE 12	WEIGHT 13.30	GRADE	TOOL JT O.D.	TYPE THREAD	STRING NO.	PUMP NO. 1 2	PUMP MANUFACTURER Garner Denuk	TYPE FX Q EX Q	STROKE LENGTH 16" 15"

TIME DISTRIBUTION - HOURS				DRILLING ASSEMBLY (At end of tour)			BIT RECORD				MUD RECORD					
DE 3.	OPERATION	MORN.	DAY	EVE.	NO.	ITEM	LENGTH	BIT NO.				TIME				
	RIG UP AND TEAR DOWN					BIT		SIZE				WEIGHT				
	DRILL ACTUAL		3					IADC CODE				PRESSURE GRADIENT				
	REAMING					OD		MANUFACTURER				FUNNEL VISCOSITY				
	CORING					OD		TYPE				PV/YP	/	/	/	
	CONDITION MUD & CIRCULATE					OD		SERIAL NO.				GEL STRENGTH	/	/	/	
	TRIPS		1 1/2			OD		JETS				FLUID LOSS				
	LUBRICATE RIG					OD		TFA				pH				
	REPAIR RIG							DEPTH OUT				SOLIDS				
	CUT OFF DRILLING LINE							DEPTH IN								
	DEVIATION SURVEY			Y2		STANDS ___ D.P.		TOTAL DRILLED				MUD & CHEMICALS ADDED				
	WIRE LINE LOGS					SINGLES ___ D.P.		TOTAL HOURS				TYPE	AMOUNT	TYPE	AMOUNT	
	RUN CASING & CEMENT					KELLY DOWN		CUTTING STRUCTURE								
	WAIT ON CEMENT					TOTAL		INNER	OUTER	DULL CHAR.	LOCATION					
	NIPPLE UP B.O.P.	4 1/2				WT. OF STRING		BEARINGS/ SEALS	GAGE	OTHER DULL CHAR.	REASON PULLED					
	TEST B.O.P.	3 1/2	3 1/2													
	DRILL STEM TEST															
	PLUG BACK															
	SQUEEZE CEMENT															
	FISHING															
	DIR. WORK															
	A. PERFORATING															
	B. TUBING TRIPS															
	C. TREATING															
	D. SWABBING															
	E. TESTING															
	F.															
	G.															
	H.															
	ILS	8	8	8												
DAYWORK TIME SUMMARY (OFFICE USE ONLY)					DRILLING ASSEMBLY (At end of tour)			BIT RECORD				MUD RECORD				
					NO.	ITEM	LENGTH	BIT NO.	2			TIME	3:30	6:30	9:30	
RS W/CONTR. D.P.					1	BIT 12 1/4	1.00	SIZE	12 1/4			WEIGHT	8.4	8.4	8.4	
RS W/OPR. D.P.					1	Shock	12.36	IADC CODE				PRESSURE GRADIENT				
IS WITHOUT D.P.					1	8" DC OD	30.70	MANUFACTURER	SMITH			FUNNEL VISCOSITY	30	30	30	
IS STANDBY					1	RmR OD	8.00	TYPE	F37PS			PV/YP	/	/	/	
					1	8" DC OD	29.56	SERIAL NO.	mm1153			GEL STRENGTH	/	/	/	
					1	8" DC OD	5.25	JETS	3-13			FLUID LOSS				
					1	8" DC OD	30.31	TFA				pH	9.5	9.5	9.5	
					1	XO Sub	3.90	DEPTH OUT				SOLIDS				
					27	6" DC	943.7	DEPTH IN	422							
DAYWORK						TBHA		TOTAL DRILLED				MUD & CHEMICALS ADDED				
F DAYS SPUD						STANDS ___ D.P.		TOTAL HOURS	9 1/2			TYPE	AMOUNT	TYPE	AMOUNT	
LATIVE ING HOURS						SINGLES ___ D.P.		CUTTING STRUCTURE								
MUD COST						KELLY DOWN		INNER	OUTER	DULL CHAR.	LOCATION					
MUD COST						TOTAL		BEARINGS/ SEALS	GAGE	OTHER DULL CHAR.	REASON PULLED					
						WT. OF STRING	65K									



WELAND

100

ROIS

FIELD OR DISTRICT		COUNTY		STATE/COUNTRY		WIRE LINE RECORD		REEL NO.		
		Eddy		N Mex						
LAST CASING TUBING OR LINER	SIZE	MAKE	WEIGHT & GRADE	NO. JOINTS	LENGTH	RKB. TO CSG. HD.	SET AT	SIZE	NO. LINES	LENGTH SLIPPED
	13 5/8	BTC	61 K55	12	428	18	422	1 1/8	8	
								LENGTH CUT OFF	PRESENT LENGTH	
								WEAR OR TRIPS SINCE LAST CUT		
								CUMULATIVE WEAR OR TRIPS		

[illegible][illegible]

TIME LOG		ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
FROM	TO			
11:00	3:30	4 1/2	14	F/Nipple up BOP
3:30	7:00	3 1/2	15	TEST BOP
				Nipple up BOP Communication
	6:	1 1/2		
				Diesel 173
				DRILLER Robert S. Ortega

[illegible][illegible][illegible][illegible]

DEVIATION RECORD	DEPTH	DEV.	DIR.	TVD	HORIZ. DISP.	DEPTH	DEV.	DIR.	TVD	HORIZ. DISP.	DEPTH	DEV.	DIR.	TVD	HORIZ. DISP.
	676	1'													

[illegible]

REPORT NO. 3

1995 International Association of Drilling Contractors

STAD 057-5 ON CIR

FIELD OR DISTRICT		LOCALITY		STATE/COUNTRY		WIRE LINE RECORD										
		Eddy		New Mexico		REEL NO.										
LAST CASING TUBING OR LINER	SIZE	MAKE	WEIGHT & GRADE	NO. JOINTS	LENGTH	RKB. TO CSG. HD.	SET AT	SIZE	NO. LINES	LENGTH SLIPPED						
	13 3/8	BTC	61 J8	12	428	20	422	1 1/8	8							
								LENGTH CUT OFF		PRESENT LENGTH						
								WEAR OR TRIPS SINCE LAST CUT								
							CUMULATIVE WEAR OR TRIPS									
DEPTH INTERVAL		DRILL D REAM R CORE C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY TABLE SPEED	WT. ON BIT	PUMP PRESSURE	PUMP NO. 1		PUMP NO. 2		PUMP NO. 3		PUMP NO. 4		TOTAL PUMP OUTPUT
FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
889	941	D			65		1150			6	58					
DEVIATION RECORD		DEPTH	DEV.	DIR.	TVD	HORIZ. DISP.	DEPTH	DEV.	DIR.	TVD	HORIZ. DISP.	DEPTH	DEV.	DIR.	TVD	HORIZ. DISP.
TIME LOG		ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS												
FROM	TO			5 min. Safety Meeting - Sky Alert												
11:00	3:00	4	2	DRLE 889 - 941												
3:00	6:00			POOH 6:00 - 6:30 Function Test Pipe & Blows												
6:00	7:00			TRIP IN Hole lay down Reamers pickup Bit												
				- #3												
				DIESEL 6.8" WATER TANK												
				DRILLER P. J. G. Full												
DEPTH INTERVAL		DRILL D REAM R CORE C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY TABLE SPEED	WT. ON BIT	PUMP PRESSURE	PUMP NO. 1		PUMP NO. 2		PUMP NO. 3		PUMP NO. 4		TOTAL PUMP OUTPUT
FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
941	1126	D			68	20										
DEVIATION RECORD		DEPTH	DEV.	DIR.	TVD	HORIZ. DISP.	DEPTH	DEV.	DIR.	TVD	HORIZ. DISP.	DEPTH	DEV.	DIR.	TVD	HORIZ. DISP.
		989	1													
TIME LOG		ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS												
FROM	TO			WASH + REAM F/ 820' TO 941'												
7:00	9:00	2	3													
9:00	11:00	2	2	DRLE F/ 941 TO 1033'												
11:00	11:30	1/2	10	W.L.S. @ 989 - 1° LOST Fluid 9 BBLs in 4/2 SEC. TO FIL												
11:30	2:00	2 1/2	2	DRLE F/ 1033 TO 1126'												
2:00	3:00	1	8	REPAIR YONK DRAWWORKS Brass Shifter												
				Losing Approx 55 Bbls Per Hr.												
				DRILLER W. L. Campbell												
DEPTH INTERVAL		DRILL D REAM R CORE C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY TABLE SPEED	WT. ON BIT	PUMP PRESSURE	PUMP NO. 1		PUMP NO. 2		PUMP NO. 3		PUMP NO. 4		TOTAL PUMP OUTPUT
FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
1126	1298	D			68	20/30	1300	6"	45	6"	56					
					63	35/40	1250	-	-							
DEVIATION RECORD		DEPTH	DEV.	DIR.	TVD	HORIZ. DISP.	DEPTH	DEV.	DIR.	TVD	HORIZ. DISP.	DEPTH	DEV.	DIR.	TVD	HORIZ. DISP.
TIME LOG		ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS												
FROM	TO			DRLE F/ 1126 TO 1298												
3:00	11:00	8	2													
				Hooked Fluid Cap. @ 1220' DRLE F/ 1220												
				pump High v.s. Sweep 1225'												
				DRILLER Paul Alvarez												



APPROVED



APPROVED

No. 1430873

LEASE Sam Remo 32		WELL NO. 1	API WELL NUMBER		DATE 2-13-05					
OPERATOR PRESTON EXPLORATION		CONTRACTOR PERMIAN DRILL CO.			RIG NO. 1					
SIGNATURE OF OPERATOR'S REPRESENTATIVE <i>[Signature]</i>		SIGNATURE OF CONTRACTOR'S TOOL PUSHER <i>[Signature]</i>								
D.P. SIZE	WEIGHT	GRADE	TOOL JT O.D.	TYPE THREAD	STRING NO.	PUMP NO.	PUMP MANUFACTURER		TYPE	STROKE LENGTH
					1	1				
						2				

TIME DISTRIBUTION - HOURS				DRILLING ASSEMBLY (At end of tour)			BIT RECORD				MUD RECORD																													
CODE NO. - OPERATION	MORN.	DAY	EVE.	NO.	ITEM	LENGTH	BIT NO.	SIZE	IADC CODE	MANUFACTURER	TYPE	SERIAL NO.	JETS	TFA	DEPTH OUT	DEPTH IN	TOTAL DRILLED	TOTAL HOURS	CUTTING STRUCTURE	BEARINGS/SEALS	GAGE	OTHER DULL CHAR.	REASON PULLED	TIME	WEIGHT	PRESSURE GRADIENT	FUNNEL VISCOSITY	PV/YP	GEL STRENGTH	FLUID LOSS	pH	SOLIDS	MUD & CHEMICALS ADDED							
1. RIG UP AND TEAR DOWN				1	BIT 12 1/4	100		12 1/4		Smith	A18011	HAS474	313							INNER	OUTER	DULL CHAR.	LOCATION		1145	8.4		29	1	1		10		202 46gal NEWSS 1gal						
2. DRILL ACTUAL				155		1236																																		
3. REAMING				3	8" DC OD	90.57																																		
4. CORING				1	X O OD	3.90																																		
5. CONDITION MUD & CIRCULATE		1/2		24	6" DC OD	731.92																																		
6. TRIPS		1/2		1	X O OD	3.10																																		
7. LUBRICATE RIG					TB 1 1/4 OD	752.28																																		
8. REPAIR RIG																																								
9. CUT OFF DRILLING LINE																																								
10. DEVIATION SURVEY					6 STANDS - D.P.	615.35																																		
11. WIRE LINE LOGS					2 SINGLES - D.P.	614.3																																		
12. RUN CASING & CEMENT		6			KELLY DOWN	18																																		
13. WAIT-ON CEMENT					TOTAL	1448																																		
14. NIPPLE UP B.O.P.					WT. OF STRING	69 K																																		
15. TEST B.O.P.					DRILLING ASSEMBLY (At end of tour)			BIT RECORD				MUD RECORD																												
16. DRILL STEM TEST					NO.	ITEM	LENGTH	BIT NO.	SIZE	IADC CODE	MANUFACTURER	TYPE	SERIAL NO.	JETS	TFA	DEPTH OUT	DEPTH IN	TOTAL DRILLED	TOTAL HOURS	CUTTING STRUCTURE	BEARINGS/SEALS	GAGE	OTHER DULL CHAR.	REASON PULLED	TIME	WEIGHT	PRESSURE GRADIENT	FUNNEL VISCOSITY	PV/YP	GEL STRENGTH	FLUID LOSS	pH	SOLIDS	MUD & CHEMICALS ADDED						
17. PLUG BACK						BIT																																		
18. SQUEEZE CEMENT																																								
19. FISHING						OD																																		
20. DIR. WORK						OD																																		
21.						OD																																		
22.						OD																																		
23.						OD																																		
COMPLETION	A. PERFORATING																																							
	B. TUBING TRIPS																																							
	C. TREATING						STANDS - D.P.																																	
	D. SWABBING						SINGLES - D.P.																																	
	E. TESTING						KELLY DOWN																																	
	F.						TOTAL																																	
	G.						WT. OF STRING																																	
	H.																																							
TOTALS		8					DRILLING ASSEMBLY (At end of tour)			BIT RECORD				MUD RECORD																										
DAYWORK TIME SUMMARY (OFFICE USE ONLY)				NO.	ITEM	LENGTH	BIT NO.	SIZE	IADC CODE	MANUFACTURER	TYPE	SERIAL NO.	JETS	TFA	DEPTH OUT	DEPTH IN	TOTAL DRILLED	TOTAL HOURS	CUTTING STRUCTURE	BEARINGS/SEALS	GAGE	OTHER DULL CHAR.	REASON PULLED	TIME	WEIGHT	PRESSURE GRADIENT	FUNNEL VISCOSITY	PV/YP	GEL STRENGTH	FLUID LOSS	pH	SOLIDS	MUD & CHEMICALS ADDED							
HOURS W/CONTR. D.P.																																								
HOURS W/OPR. D.P.																																								
HOURS WITHOUT D.P.																																								
HOURS STANDBY																																								
TOTAL DAYWORK																																								
NO. OF DAYS FROM SPUD																																								
CUMULATIVE ROTATING HOURS																																								
DAILY MUD COST																																								
TOTAL MUD COST																																								



FIELD OR DISTRICT: COUNTY: Eddy STATE/COUNTRY: New Mexico WIRE LINE RECORD REEL NO. SIZE: 1 1/4 NO. LINES: 6 LENGTH SLIPPED: LENGTH CUT OFF: PRESENT LENGTH: WEAR OR TRIPS SINCE LAST CUT: CUMULATIVE WEAR OR TRIPS:

DEPTH INTERVAL		DRILL D REAM R CORE C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY TABLE SPEED	WT. ON BIT	PUMP PRESSURE	PUMP NO. 1		PUMP NO. 2		PUMP NO. 3		PUMP NO. 4		TOTAL PUMP OUTPUT
FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
1292	1448	D			64	40	1200	6"	44							
					64	40	1250	6"		6"	56					32

DEVIATION RECORD	DEPTH	DEV.	DIR.	TVD	HORIZ. DISP.	DEPTH	DEV.	DIR.	TVD	HORIZ. DISP.	DEPTH	DEV.	DIR.	TVD	HORIZ. DISP.

TIME LOG		ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
FROM	TO			
11:00	6:30	7 1/2		Safety Meeting - Working on Pump
6:30	7:00	1/2		DRLE 1292 TO 1448
				Pump 40 bbl High Vis Sweep / pumped 25 bbl. sweep
				Circ OK - @ 1312

DEPTH INTERVAL		DRILL D REAM R CORE C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY TABLE SPEED	WT. ON BIT	PUMP PRESSURE	PUMP NO. 1		PUMP NO. 2		PUMP NO. 3		PUMP NO. 4		TOTAL PUMP OUTPUT
FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	

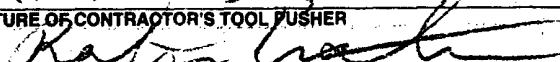
DEVIATION RECORD	DEPTH	DEV.	DIR.	TVD	HORIZ. DISP.	DEPTH	DEV.	DIR.	TVD	HORIZ. DISP.	DEPTH	DEV.	DIR.	TVD	HORIZ. DISP.
	1400	1 1/4													

TIME LOG		ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
FROM	TO			
7:00	7:30	1/2	3	CIRC
7:30	9:00	1 1/2	6	Drop Tote, P.O.M. 5 L.M.
9:00	10:00	1	12	Rig Up 600 Down Machine, L.D. 5-8 DEC 2 Shack 50
10:00	3:00	5	12	Rig Up Core Crew Run Jts 9 5/8, 40 Lb. 15
				Total Pipe 500

DEPTH INTERVAL		DRILL D REAM R CORE C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY TABLE SPEED	WT. ON BIT	PUMP PRESSURE	PUMP NO. 1		PUMP NO. 2		PUMP NO. 3		PUMP NO. 4		TOT PUI OUT
FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	

DEVIATION RECORD	DEPTH	DEV.	DIR.	TVD	HORIZ. DISP.	DEPTH	DEV.	DIR.	TVD	HORIZ. DISP.	DEPTH	DEV.	DIR.	TVD	HORI DISP

TIME LOG		ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS	5min Safety meeting @ 11:00 psi. L. New
FROM	TO				
3:00	5:30	2 1/2	12	WASH 3 ^{hrs} of 9 5/8 CSG. Down	
5:30	8:00	2 1/2	12	Rig B.J. truck & pump on CSG. Work truck CSG.	
8:00			21	Washed steel lines / Pumping with B.J. truck Every 3 hrs. -	
	11:00	3		6 1/2" to Attempt to Break Cir. between 12' M & 9 5/8	

LEASE				WELL NO.		API WELL NUMBER			DATE	
Sam Remo "32"				1					2-14-05	
OPERATOR						CONTRACTOR			RIG NO.	
Preston Exploration						Permian Drilling Co			1	
SIGNATURE OF OPERATOR'S REPRESENTATIVE						SIGNATURE OF CONTRACTOR'S TOOL PUSHER				
										
D.P. SIZE	WEIGHT	GRADE	TOOL JT O.D.	TYPE THREAD	STRING NO.	PUMP NO.	PUMP MANUFACTURER		TYPE	STROKE LENGTH
3 1/2	13.30					1	Garner		FX-Q	16"
						2	Denver		EX-Q	15"

TIME DISTRIBUTION - HOURS				DRILLING ASSEMBLY (At end of tour)			BIT RECORD				MUD RECORD				
CODE NO.	OPERATION	MORN.	DAY	EVE.	NO.	ITEM	LENGTH	BIT NO.				TIME			
1.	RIG UP AND TEAR DOWN					BIT		SIZE				WEIGHT			
2.	DRILL ACTUAL							IADC CODE				PRESSURE GRADIENT			
3.	REAMING					OD		MANUFACTURER				FUNNEL VISCOSITY			
4.	CORING					OD		TYPE				PV/YP	/	/	/
5.	CONDITION MUD & CIRCULATE					OD		SERIAL NO.				GEL STRENGTH	/	/	/
6.	TRIPS					OD		JETS				FLUID LOSS			
7.	LUBRICATE RIG					OD		TFA				pH			
8.	REPAIR RIG							DEPTH OUT				SOLIDS			
9.	CUT OFF DRILLING LINE							DEPTH IN							
10.	DEVIATION SURVEY					STANDS ___ D.P.		TOTAL DRILLED				MUD & CHEMICALS ADDED			
11.	WIRE LINE LOGS					SINGLES ___ D.P.		TOTAL HOURS				TYPE	AMOUNT	TYPE	AMOUNT
12.	RUN CASING & CEMENT		4			KELLY DOWN		CUTTING STRUCTURE							
13.	WAIT ON CEMENT		1/2			TOTAL		INNER	OUTER	DULL CHAR.	LOCATION				
14.	NIPPLE UP B.O.P.					WT. OF STRING		BEARINGS/SEALS	GAGE	OTHER DULL CHAR.	REASON PULLED				
15.	TEST B.O.P.														
16.	DRILL STEM TEST														
17.	PLUG BACK														
18.	SQUEEZE CEMENT														
19.	FISHING														
20.	DIR. WORK														
21.	WAIT ON CEMENT		1 3/4												
22.	1" PIPE		1 3/4												
23.															
COMPLETION	A. PERFORATING														
	B. TUBING TRIPS														
	C. TREATING														
	D. SWABBING														
	E. TESTING														
	F.														
	G.														
	H.														
TOTALS															
DAYWORK TIME SUMMARY (OFFICE USE ONLY)															
HOURS W/CONTR. D.P.															
HOURS W/OPR. D.P.															
HOURS WITHOUT D.P.															
HOURS STANDBY															
TOTAL DAYWORK															
NO. OF DAYS FROM SPUD															
CUMULATIVE ROTATING HOURS															
DAILY MUD COST															
TOTAL MUD COST															

DRILLING ASSEMBLY (At end of tour)				BIT RECORD				MUD RECORD			
NO.	ITEM	LENGTH		BIT NO.				TIME			
	BIT			SIZE				WEIGHT			
				IADC CODE				PRESSURE GRADIENT			
	OD			MANUFACTURER				FUNNEL VISCOSITY			
	OD			TYPE				PV/YP	/	/	/
	OD			SERIAL NO.				GEL STRENGTH	/	/	/
	OD			JETS				FLUID LOSS			
	OD			TFA				pH			
				DEPTH OUT				SOLIDS			
				DEPTH IN							
	STANDS ___ D.P.			TOTAL DRILLED				MUD & CHEMICALS ADDED			
	SING										



TIME LOG		ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
FROM	TO			
3:00	8:00	5	13	*Changed oil & Filters In Floor motor s*
8:00	9:00	1	13	Run temp test Cement @ 1075' R.G DOWN WIRELINE truck
9:00	11:00	2	13	Pick up 1" Line & Run it hole.
				DRILLER Paul A. [Signature]

FIELD OR DISTRICT		COUNTY		STATE/COUNTRY		WIRE LINE RECORD		REEL NO.		
		Edgy		N. Mex						
LAST CASING TUBING OR LINER	SIZE	MAKE	WEIGHT & GRADE	NO. JOINTS	LENGTH	RKB. TO CSG. HD.	SET AT	SIZE	NO. LINES	LENGTH SLIPPED
	13 5/8	BTC	61 K55	12	428'	18	422'	1 1/8	8	
								LENGTH CUT OFF	PRESENT LENGTH	
							WEAR OR TRIPS SINCE LAST CUT			
							CUMULATIVE WEAR OR TRIPS			

DEPTH INTERVAL		DRILL D REAM. R CORE. C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY TABLE SPEED	WT. ON BIT	PUMP PRESSURE	PUMP NO. 1		PUMP NO. 2		PUMP NO. 3		PUMP NO. 4		TOT. PUM. OUT
FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	

DEVIATION RECORD	DEPTH	DEV.	DIR.	TVD	HORIZ. DISP.	DEPTH	DEV.	DIR.	TVD	HORIZ. DISP.	DEPTH	DEV.	DIR.	TVD	HORIZ. DISP.

TIME LOG		ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS	
FROM	TO				
11:00	1:30	2 1/2	22	P/U 1" lines Run in Hole	
1:30	2:30	1	21	R/U BT & Circulate	
2:30	3:30	1	22	P/U 1" line try to Run in hole	
3:30	4:30	1	21	R/U BT - Cement	
4:30	5:00	1/2	22	P/O of Hole with 1" lines total 18-1" drill.	
5:00	7:00	2	13	WOC	
				Diesel 58	
				DRILLER Robert S. Ortega	

DEPTH INTERVAL		DRILL D REAM. R CORE. C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY TABLE SPEED	WT. ON BIT	PUMP PRESSURE	PUMP NO. 1		PUMP NO. 2		PUMP NO. 3		PUMP NO. 4		TOT. PUM. OUT
FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	

DEVIATION RECORD	DEPTH	DEV.	DIR.	TVD	HORIZ. DISP.	DEPTH	DEV.	DIR.	TVD	HORIZ. DISP.	DEPTH	DEV.	DIR.	TVD	HORIZ. DISP.

TIME LOG		ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS	
FROM	TO				
7:00	8:30	1 1/2	22	Run 1" in to 515.11 - Pull 1 jnt. (16 jnts total)	
8:30	9:30	1	12	Cement @ 483.76 w/2000x Blite (15 jnts total)	
9:30	10:15	3/4	22	Pull 1" out of hole 2% calcium	
10:15	1:15	3	13	WOC	
1:15	2:00	3/4	22	Run 1" in to Hole - Tag @ 305 Pull 1 jnt (290)	
2:00	3:00	1	13	W.O. B.J.	
				* CHANGED OIL + Filter #2 Pump Motor	
				DRILLER P. C. Gyle	

DEPTH INTERVAL		DRILL D REAM. R CORE. C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY TABLE SPEED	WT. ON BIT	PUMP PRESSURE	PUMP NO. 1		PUMP NO. 2		PUMP NO. 3		PUMP NO. 4		TOT. PUM. OUT
FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	

DEVIATION RECORD	DEPTH	DEV.	DIR.	TVD	HORIZ. DISP.	DEPTH	DEV.	DIR.	TVD	HORIZ. DISP.	DEPTH	DEV.	DIR.	TVD	HORIZ. DISP.

TIME LOG		ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS	
FROM	TO				
3:00	4:00	1	13	W.O. B.J. Rig up & pump cement	
4:00	11:00	7	13	WAIT ON CEMENT	
				Safety meeting N. pp!	
				Down	
				DRILLER Paul Alvarado	



REPORT NO.

TIME DISTRIBUTION - HOURS				DRILLING ASSEMBLY (At end of tour)			BIT RECORD				MUD RECORD			
DE - OPERATION	MORN.	DAY	EVE.	NO.	ITEM	LENGTH	BIT NO.				TIME			
RIG UP AND TEAR DOWN					BIT			SIZE			WEIGHT			
DRILL ACTUAL								IADC CODE			PRESSURE GRADIENT			
REAMING						OD		MANUFACTURER			FUNNEL VISCOSITY			
CORING						OD		TYPE			PV/YP	/	/	/
CONDITION MUD & CIRCULATE						OD		SERIAL NO.			GEL STRENGTH	/	/	/
TRIPS						OD		JETS			FLUID LOSS			
LUBRICATE RIG						OD		TFA			pH			
REPAIR RIG								DEPTH OUT			SOLIDS			
CUT OFF DRILLING LINE								DEPTH IN						
DEVIATION SURVEY					STANDS ___ D.P.			TOTAL DRILLED			MUD & CHEMICALS ADDED			
WIRE LINE LOGS					SINGLES ___ D.P.			TOTAL HOURS			TYPE	AMOUNT	TYPE	AMOUNT
RUN CASING & CEMENT					KELLY DOWN			CUTTING STRUCTURE						
WAIT ON CEMENT					TOTAL			INNER	OUTER	DULL CHAR.	LOCATION			
NIPPLE UP B.O.P.					WT. OF STRING			BEARINGS/ SEALS	GAGE	OTHER DULL CHAR.	REASON PULLED			
TEST B.O.P.														
DRILL STEM TEST														
PLUG BACK														
SQUEEZE CEMENT														
FISHING						OD								
DIR. WORK						OD								
						OD								
						OD								
						OD								
						OD								
A. PERFORATING														
B. TUBING TRIPS														
C. TREATING					STANDS ___ D.P.									
D. SWABBING					SINGLES ___ D.P.									
E. TESTING					KELLY DOWN									
F.					TOTAL									
G.					WT. OF STRING									
H.														
ALS														
DAYWORK TIME SUMMARY (OFFICE USE ONLY)														
RS W/CONTR. D.P.														
RS W/OPR. D.P.														
RS WITHOUT D.P.						OD								
RS STANDBY						OD								
						OD								
						OD								
						OD								
IL DAYWORK					STANDS ___ D.P.									
OF DAYS 4 SPUD					SINGLES ___ D.P.									
ULATIVE ATING HOURS					KELLY DOWN									
Y MUD COST					TOTAL									
IL MUD COST					WT. OF STRING									

TIME DISTRIBUTION - HOURS				DRILLING ASSEMBLY (At end of tour)			BIT RECORD				MUD RECORD			
DE - OPERATION	MORN.	DAY	EVE.	NO.	ITEM	LENGTH	BIT NO.				TIME			
RIG UP AND TEAR DOWN					BIT			SIZE			WEIGHT			
DRILL ACTUAL								IADC CODE			PRESSURE GRADIENT			
REAMING						OD		MANUFACTURER			FUNNEL VISCOSITY			
CORING						OD		TYPE			PV/YP	/	/	/
CONDITION MUD & CIRCULATE						OD		SERIAL NO.			GEL STRENGTH	/	/	/
TRIPS						OD		JETS			FLUID LOSS			
LUBRICATE RIG						OD		TFA			pH			
REPAIR RIG								DEPTH OUT			SOLIDS			
CUT OFF DRILLING LINE								DEPTH IN						
DEVIATION SURVEY					STANDS ___ D.P.			TOTAL DRILLED			MUD & CHEMICALS ADDED			
WIRE LINE LOGS					SINGLES ___ D.P.			TOTAL HOURS			TYPE	AMOUNT	TYPE	AMOUNT
RUN CASING & CEMENT					KELLY DOWN			CUTTING STRUCTURE						
WAIT ON CEMENT					TOTAL			INNER	OUTER	DULL CHAR.	LOCATION			
NIPPLE UP B.O.P.														

FIELD OR DISTRICT		COUNTY		STATE/COUNTRY		WIRE LINE RECORD		REEL NO.								
		Eddy		N.MEX												
LAST CASING TUBING OR LINER	SIZE	MAKE	WEIGHT & GRADE	NO. JOINTS	LENGTH	RKB. TO CSG. HD.	SET AT	SIZE	NO. LINES	LENGTH SLIPPED						
	13 5/8	BTC	61 K55	12	428'	18	422'	1 1/8	8							
								LENGTH CUT OFF	PRESENT LENGTH							
									WEAR OR TRIPS SINCE LAST CUT							
								CUMULATIVE WEAR OR TRIPS								
DEPTH INTERVAL		DRILL D REAM R CORE C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY TABLE SPEED	WT. ON BIT	PUMP PRESSURE	PUMP NO. 1		PUMP NO. 2	PUMP NO. 3	PUMP NO. 4	TOTAL PUMP OUTPUT			
FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
DEVIATION RECORD		DEPTH	DEV.	DIR.	TVD	HORIZ. DISP.	DEPTH	DEV.	DIR.	TVD	HORIZ. DISP.	DEPTH	DEV.	DIR.	TVD	HORIZ. DISP.
TIME LOG		ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS												
FROM	TO			5 min Safety meeting												
11.00	7.00	8	13	W.O.C.												
				"working together"												
				DIPSY 56 1/2												
				DRILLER Robert S. Ortega												
DEPTH INTERVAL		DRILL D REAM R CORE C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY TABLE SPEED	WT. ON BIT	PUMP PRESSURE	PUMP NO. 1		PUMP NO. 2	PUMP NO. 3	PUMP NO. 4	TOTAL PUMP OUTPUT			
FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
422								6"		6"						
DEVIATION RECORD		DEPTH	DEV.	DIR.	TVD	HORIZ. DISP.	DEPTH	DEV.	DIR.	TVD	HORIZ. DISP.	DEPTH	DEV.	DIR.	TVD	HORIZ. DISP.
TIME LOG		ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS												
FROM	TO			Safety Meeting H2S												
7.00	2.30	7 1/2	13	W.O.C.												
2.30	3.00	1 1/2	21	RIG UP WIRE LINE TRUCK												
				Indian FIRE and SAFETY												
				DRILLER P. C. H. Williams												
DEPTH INTERVAL		DRILL D REAM R CORE C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY TABLE SPEED	WT. ON BIT	PUMP PRESSURE	PUMP NO. 1		PUMP NO. 2	PUMP NO. 3	PUMP NO. 4	TOTAL PUMP OUTPUT			
FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
DEVIATION RECORD		DEPTH	DEV.	DIR.	TVD	HORIZ. DISP.	DEPTH	DEV.	DIR.	TVD	HORIZ. DISP.	DEPTH	DEV.	DIR.	TVD	HORIZ. DISP.
TIME LOG		ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS												
FROM	TO			Finish Rig up wire line truck												
3.00	3.30	1/2	21													
3.30	4.30	1	11	Run Bond Log on 9 5/8 csg.												
4.30	5.00	1/2	21	Rig Down wire line truck												
5.00	6.00	1	13	W.O.C.												
6.00	6.30	1/2	15	test csg. @ 1500 psi Held for 30 min's												
6.30	11.00	4 1/2	13	W.O.C.												
				DRILLER Paul H. Harker												



[illegible]

TIME LOG		ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
FROM	TO			
300	730	4½	12	CMT.-W.O.C.
730	800	1½	13	W.O.C.-RIE Down cmt. Head (NoPress)
800	900	1	21	RIE UP Baker Atlas - Run temp. Survey
900	930	1½	22	W.O.C.
930	1045	1¾	21	Run 3rd Temp Survey
1045	1100	¼	22	W.O.C. w/shot @ 600' TO 650'

[illegible]

WELL NO.	API WELL NUMBER	DATE
1		2/20/05
OPERATOR	CONTRACTOR	RIG NO.
DRESTON Exploration	Permian Drilling	1
SIGNATURE OF OPERATOR'S REPRESENTATIVE	SIGNATURE OF CONTRACTOR'S TOOL PUSHER	
D.P. SIZE	WEIGHT	GRADE
TOOL JOINT O.D.	TYPE THREAD	STRING NO.
PUMP NO.	PUMP MANUFACTURER	TYPE
		STROKE LENGTH

TIME DISTRIBUTION - HOURS				DRILLING ASSEMBLY (At end of tour)			BIT RECORD				MUD RECORD																					
MODE NO.	OPERATION	MORN.	DAY	EVE.	NO.	ITEM	LENGTH	BIT NO.	SIZE	IADC CODE	MANUFACTURER	TYPE	SERIAL NO.	JETS	TFA	DEPTH OUT	DEPTH IN	TOTAL DRILLED	TOTAL HOURS	CUTTING STRUCTURE	LOCATION	TIME	WEIGHT	PRESSURE GRADIENT	FUNNEL VISCOSITY	PV/VP	GEL STRENGTH	FLUID LOSS	pH	SOLIDS	MUD & CHEMICALS ADDED	
1	RIG UP AND TEAR DOWN				1	BIT 8 3/4	.75	5	8 3/4														11:00	3:00	16:30	8.4	8.4	8.4				
2	DRILL ACTUAL		6	7 1/2	1	BIT SUB	3.80																									
3	REAMING				1	16" DC OD	28.03																									
4	CORING				1	RMR OD	6.21																									
5	CONDITION MUD & CIRCULATE				1	16" DC/RMR OD	24.79/1.03																									
6	LUBRICATE RIG				24	6" DC OD	742.58																									
7	REPAIR RIG				1	RT OD	5.68																									
8	CUT OFF DRILLING LINE				1	16" DC/XO	24.34/3.10																									
9	DEVIATION SURVEY			1/2																												
10	WIRE LINE LOGS																															
11	RUN CASING & CEMENT																															
12	WAIT ON CEMENT																															
13	NIPPLE UP B.O.P.																															
14	TEST B.O.P.																															
15	DRILL STEM TEST																															
16	PLUG BACK																															
17	SQUEEZE CEMENT																															
18	FISHING																															
19	DIR. WORK																															
20	DIR. WORK																															
21	PERFORATING																															
22	TUBING TRIPS																															
23	TREATING																															
24	SWABBING																															
25	TESTING																															
26	F.																															
27	G.																															
28	H.																															
29	ITALS																															
30	DAYWORK TIME SUMMARY (OFFICE USE ONLY)																															
31	URS W/CONTR. D.P.																															
32	JRS W/OPR. D.P.																															
33	JRS WITHOUT D.P.																															
34	JRS STANDBY																															
35	IL DAYWORK																															
36	OF DAYS																															
37	SPUD																															
38	PLATIVE																															
39	TING HOURS																															
40	MUD COST																															
41	L MUD COST																															



