DAILY DRILLING REPORT

Operate	or;	Rosetta	Resou	rces, Inc.			 							
3000 (100 (100 (100 (100 (100 (100 (100	Name:	Tsah Tah				Con	tractor		R	.pt#	Tim	8		₽ate
Loc	ation:	i		DW, San Jua	an, NM	D&J	Drilling -	Rig #2		1		0:00 AM		1/19/2007
Present	Operation	Depth		Footag	e		Forma	ion		Last Casing			Est T	D
Drillia	ng R/M		-		_		Vacimier	nto				7	-7/8"	- 4500'
				l .										
Bit No.	Size	Make	Туре	Jets	Depth In	Depth Out	Ft.	Hrs.	R	PM	Wt.	M	•	ondition
							<u> </u>							
													_ _	· - ·
Mud Wt.	Vis	WL	PV/YP	Gels	PH	SND	% OII	Solids %	In/Qu	t	FC/	32		Other
Spud									.77711.1271					
Pump	Size	Strake		SPM	GPN	Л	PSI		Annul	ar Vel DP & DC				Other
1	6.5"	7"		96	2	75	1800							
2														
вна:														
Time Br	eakdown							,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						
MOL RU:		23 hi	s	Cementing:				Surveys:				De	viatio	1 Surveys
Orilling;				Trips (LDDP 8	LDC's);			Logging:				Depti	١	Degree
Circulation			1	Run Casing:		·		woc:					_	
4U and ND:				Rig Serv./Sfty	Mtg:			Drill Cement:						
oriii Rat/Mo	use:	1.0 h	rs	Rig Repairs:				Misc:						
Costs		I				 		r=		<u> </u>			<u>j</u>	
aily Costs		Daily	1	Cum				Daily	3000000	Cum				
(D,Loc,Pen	mits	\$14,500		\$14,500		Well Head					-		_	
lig asing		\$9,500		\$9,500		Bits Logging								
ement						Supervision		\$800		\$800				
Vater		\$4,500		\$4,500		Trucking		\$24,500	-	\$24,500				
uel		\$8,029		\$8,029		Rentals		\$550		\$550	···	·		
Tud .		· · · · · · · · · · · · · · · · · · ·				Misc								
asing Crev	v					Total		\$62,379		\$62,379				

<u>Details</u>

Road rig and equipment from Calkins Oil Co location (~65 mi rig move). Move on location and rig up. Mix mud and start drilling rat and mouse holes at report time.

Oil Conservation Division
Case No.
Exhibit No.

DAILY DRILLING REPORT

Operate	or:	Rosetta I	Resoui	ces, Inc.						<u>-</u>				
Well	Name:	Tsah Tah S	SWD #1	1		Cont	tractor		Rpt#		Time	,		Date
Loc	ation;	Sec. 11, T2	24N, R10	W, San Jua	n, NM	D&J	Drilling -	Rig #2	2	2	6:00	:00 AM	1,	/20/2007
Present	Operation	Depth		Footage	1		Formal	tion	Las	t Casing		I	Est TD	
Dri	iling	700'		700'			Vacimier	nto	13	-3/8" - 85	5,	7-	7/8" -	4500'
								1			Ī			
Bit No.	Size	Make	Туре	Jets	Depth In	Depth Out	Ft.	Hrs.	RPM		Wt.!	4	Co	ndition
. 1 .	17-1/2"	нтс	used	3/14's	0	88'	88'	2.00	8	5		dl		Good
2	12-1/4"	нтс	E4104	3/14's	85'	Inc.	615'	5.50	8	0	40	ok		
											ĺ.			
Mud Wt.	Vis	WL	PV/YP	Gels	PH	SND	% Oil	Solids %	, In/Out		FC/	12	0	ther
water/poly														
Pump	Size	Stroke		SPM	GPA	Л	PSI		Annular V	el DP & Do			٥	ther
1	6.5"	7"		130	2	75	750							
2														
вна:							·							
Time Bi	reakdown							 						
MOL RU:				Cementing:		0.51	าเร	Surveys:		0.5 hi	rs	Dev	lation	Surveys
Drilling:		7.5 h	rs	Trips (LDDP &	DC's):	1.0	ırs	Logging:				Depth		Degree
Circulation		0.5 h	rs	Run Casing:		1.0 l	nrs .	woc:		10.5 h	rs	507'	_	3/4°
NU and ND				Rig Serv./Sfty	Mtg:			Drill Cement					_	
Drill Rat/M	ouse:	2.5 h	rs	Rig Repairs:				Misc:					800000 000	
Costs		1				ı		1						
Daily Costs		Daily		Cum				Daily	Cu	m				
RD,Loc,Per	mits			\$14,500		Well Head								
Rig		\$13,500		\$23,000		Bits		\$2,850		\$2,850				
Casing Cement		\$1,988 \$5,102		\$1,988	<u></u> -	Logging Supervision		\$800		\$1,600				
Water		\$1,200		\$5,102 \$5,700	-	Trucking		\$1,750		\$26,250				
Fuel		\$4,876		\$12,905		Rentals		\$1,730		\$700		•		
Mud		\$1,200		\$1,200		Misc		1	<u> </u>	\$100				
Casing Too	ils	\$550		\$550		Total	<u></u>	\$33,966		\$96,345		·		

Details

Finish drilling rat/mouse holes. Drill 17-1/2" hole to 88' for 13-3/8" conductor pipe. Ran 2 jts of 13-3/8", 24#, J-55 conductor pipe. Bottom of pipe at 85' KB. RU Key Pressure Pumping Services and cement w/ 115 sx (136 cu.ft.) of Type V cement w/ 3% CaCl2 & 1/4#/sx of cello-flake. Displace cement w/ 9.1 bbls of water and SI holding 150 psi. WOC. Cut off conductor pipe below rig floor and weld 8-5/8" pipe on to conductor pipe for flowline. Weld 2" nipple and ball valve on to conductor pipe at ground level. TIH w/ bit #2 (12-1/4", HTC, E4104). Tag cement at 62'. Break circulation and drill out cement. Spud 12-1/4" surface hole at 00:00 1/20/07. Continue drilling w/ water and polymer. ROP \sim 60 fph. Drilling at 700' at report time

DAILY DRILLING REPORT

Operato	or:	Rosetta I	Resou	rces, Inc.										
Well	Name:	Tsah Tah S	SWD #1	1		Cont	tractor		R	pt#	Ţim	е		Date
Loc	ation:	Sec. 11, T2	24N, R10)W, San Jua	an, NM	D&J	Drilling -	Rig #2		3	6:00	:00 AM	1	/21/2007
Present	Operation	Depth		Footag	2		Forma	tion		Last Casing		E	st TO	
Runnin	g Casing	1425'		725'			Kirtland	<u></u>	<u> </u>	13-3/8" - 85		7-	7/8"	4500'
Bit No.	Size	Make	Туре	Jets	Depth in	Depth Out	Ft.	Hrs.	R	PM	Wt.	W	C	ondition
2	12-1/4"	нтс	E4104	3/14's	85'	1425'	1340'	20.00		80	4	0K		
Mud Wt.	Vis	WL	PV/YP	Gels	PH	SND	% Oii	Solids %	In/Ou	t i	FC/	32	C	ther
8.8	52	10.8		56000000000000000000000000000000000000	11.5				000000000000000000000000000000000000000				81888 88	
Pump	Size	Stroke		SPM	GPI	4	PSI		Annul	ar Vel DP & DC	<u> </u>		C	ther
1	6.5"	7"		130	4	25	800							
2								L						
BHA:	Bit, bit sul	b, shock sub	o, 20 ea.	6-1/4" DC's	, 4 ea. HV	VDP TBI	HA Leng	th: 753,13'	************		*************	***************************************	000000000	
Time Br	eakdown					T				1				
IOL RU:				Cementing:				Surveys:		0.5 hrs	;	Devi	iation	Surveys
rilling:		. 14.5 h	าเร	Trips:		1.0 h	nrs	Longing:				Depth		Degree
irculation	•	2.0 h	rs	Run Casing:		0.5 h	nrs	wec:				1000'	_	1°
U and ND				Rig ServJSfty	Mtg:			Drill Cement:						
rill Rat/Mo	ouse:			Cut off condu	ctor pipe	1.0 t	ırs	Mud up:		4.5 hrs	; <u> </u>			
Costs			-			r .		γ		·				
aily Costs	•	Daily		Cum				Daily		Cum				
D,Loc,Per	mits			\$14,500		Well Head								
íg		\$13,500		\$36,500		Bits				\$2,850				
asing				\$1,988		Logging								_
ement				\$5,102		Supervision		\$800		\$2,400				
fater		\$1,200		\$6,900		Trucking			·	\$26,250			··-	
iel				\$12,905		Rentals		\$550		\$1,250				
ud		\$1,200		\$2,400		Misc		\$1,200		\$1,200				
asing Too	ls			\$550		Total		\$18,450	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	\$1.14,795				

Details

Continue drilling ahead w/ water and polymer to 1255'. Started having hole stability problems, work pipe free and pull up to 1135' and circulate/rotate while mudding up. Brought viscosity up to ~ 50 and water loss to ~ 10 . Continue drilling. TD surface hole at 1425' at 02:30 hrs 1/21/07. Circulate hole clean and TOH. Cut off conductor pipe ~ 2 ' below ground level. RU San Juan Casing crew, hold safety meeting and start running 8-5/8" casing. Running casing at report time. Casing and cementing details on tomorrows report.

DAILY DRILLING REPORT

Operato	or:	Rosetta	Resour	ces, Inc.									
Well	Name;	Tsah Tah	SWD #1:			Con	tractor		R	pt#	Time		Date
Loca	ation:	Sec. 11, T2	24N, R10	W, San Jua	an, NM	D&J	Drilling -	Rig #2		4	6:00:00	АМ	1/22/2007
Present	Operation	Depth		Footag	•		Forma	tion		Last Casing		Est	TD
Dri	lling	1822'		397'			Lewis			<u>8-5/8" - 140</u>	8'	7-7/	<u>8" - 4500</u> !
Bit No.	Size	Make	Type	Jets	Depth in	Depth Out	Ft.	Hrs.	RI	PM PM	Wt. M		Condition
3	7-7/8"	HTC	GT-S03	3/13's	1425'	Inc.	397'	4.50		80	40K		
Mud Wt.	Vis	WL	PV/YP	Gels	PH	SND	% Oil	Solids %	In/Out		FC/32		Other
water/poly	114 114 114 114 114 114 114 114 114 114		i										
Pump	y Size Strake		,	SPM	GPA	1	PSI		Annul	ar Vel DP & DC			Other
1	6.5"	7"		130	3	85	1400						
2			I :										
вна:	Bit, bit su	b, shock sul	o, 20 ea.	6-1/4" DC's	, 4 ea. HV	VDP TB	HA Leng	th: 753.13'					
Time Br	eakdown												
IOL RU:				Cementing:		2.5	nrs	Surveys:		0.5 hrs	;	Deviat	ion Surveys
Irilling:	******	4.5 h	rs	Trips:		1.5 h	nrs	Logging:				Depth	Degree
Circulation		0.5 h	rs.	Run Casing:		2.0 H	nrs	woc:		7.5 hrs		1525'	1°
IU and ND:			<u> </u>	Rig Serv/Sfty	Mtg:			Drill Cement:		0.5 hrs	<u> </u>		
orill Rat/Mo	use:			Rig Repairs:				Pressure Test	•	4.5 hrs		***********	
Costs		r .						 			L		
aily Costs		Daily	1	Cum				Daily		Cum			
(D,Loc,Peri	mits			\$14,500		Well Head		\$855		\$855			
lig		\$13,500	- 1	\$50,000		Bits		\$850		\$3,700			
asing		\$21,193	i	\$23,181		Logging							
ement		\$17,970		\$23,072		Supervision		\$800		\$3,200			
Vater		\$1,200		\$8,100		Trucking		0550		\$26,250			
uel 		£4.440		\$12,905		Rentals		\$550		\$1,800			
មែជ asing Crev		\$4,410 \$2,460		\$6,810 \$3,010		Misc Total		\$63,788		\$1,200 \$178,583			

Details

Ran 32 jts (1393.37') of 8-5/8", 24#, J-55, LT&C casing. Bottom of casing landed at 1408' KB, insert float at 1363' KB. Circulate hole clean. RU Key Pressure Pumping Services & hold safety meeting. Precede cement w/ 10 bbls of gel water and 10 bbls of fresh water. Cement w/ 395 sx (814 cu.ft.) of Type V, 2% SMS, 3#/sx of Gilsonite & ¼#/sx of celloflake. Tailed in w/ 140 sx (165 cu.ft.) w/ 1% CaCl₂ & ¼#/sx of celloflake. Displace cement w/ 87 bbls of water. Bump plug and pressure up on casing to 800 psi – held OK, release pressure – float held OK. PD at 11:00 hrs 1/21/07. Good circulation throughout job, circulated ~ 60 bbls of cement to surface. Casing and cement job witnessed by BLM (Ray Espinosa). RD KPPS. WOC. Back off landing joint. Install wellhead & NU BOP. Pumped additional 50 sx of Type V w/ 3% CaCl₂ thru 1" to top off cement between conductor pipe and surface casing. WOC. Pressure test casing, BOP, choke manifold and related surface equipment to 1000 psi w/ 3rd party testers (as per BLM specs). TIH w/ bit #3 (7-7/8", HTC, GT-S03) and finish testing inner rams. Continue TIH and drill out cement and shoe joint. Continue drilling new formation w/ water/poly. Drilling at 1822' at report time. ROP ~ 90 fph.

DAILY DRILLING REPORT

Operato	or:	Rosetta I	Resoul	ces, Inc.									
Well	Name:	Tsah Tah	SWD #1	1		Con	tractor		R	pt#	Tim	e	Date
Loca	ation:	Sec. 11, T2	24N, R10	W, San Jua	an, NM	D&J	Drilling -	Rig #2		5	6:00	MA 00:0	1/23/2007
Present	Operation	Depth		Footage			Forma	tion		Last Casing		I	Est TD
] _T ,	он	3343'	1	1521"		}	Menefe	e		8-5/8" - 140)8'	7-	7/8" - 4500'
Bit No.	Size	Make	Type	Jets	Depth in	Depth Out	Ft.	Hrs.	PI	>M	Wt.		Condition
		1											CONCINCI
3	7-7/8"	HTC	GT-S03	3/13's	1425'	3343'	1918'	24.00		80	3	0K	
												- 	
Mud Wt.	Vis	WL	PVIYP	Gels	PH	SND	% Oil	% ebilo2	In/Out		FCI	32	Other
water/poly													
Pump	Size	Stroke		SPM	GPN	Л	PSI		Annul	ar Vel DP & DC			Other
1	6.5"	7"		130	3	83	1450						
2		<u></u>										٠.	
вна:	Bit, bit su	b, shock sub	o, 20 ea.	6-1/4" DC's	, 4 ea. HV	VDP TB	HA Leng	th: 753.13'					
Time Br	eakdown												
MOL RU:				Cementing:				Surveys:		1.5 hr	s	Dev	lation Surveys
Drilling:		19.5 h	nrs !	Trips:		2.51	nrs	Logging:				Depth	Degree
Circulation		0.5 ի	rs	Run Casing:				woc:				2019	
NU and NO				Rig Serv/Sfty	Mtg:			Drill Cement:			<u>-</u>	2510	
Drill Rat/Mo	ouse:			Rig Repairs:				Pressure Tes	:			3004	' 1-1/4°
Costs		<u> </u>				1		I_	-				<u> </u>
Daily Costs		Daily		Cum				Daily		Cum			
RD,Loc,Pen	mits	\$13,500		\$14,500		Well Head Bits				\$855			
Rig_ Casing		\$13,000		\$63,500 \$23,181		Logging				\$3,700	<u>-:</u>		
Cement		\$3,087		\$26,159		Supervision		\$800		\$4,000			
Water		\$800		\$8,900		Trucking		. 4000		\$26,250			
Fuel				\$12,905		Rentals		\$550		\$2,350		···	
Mud		\$3,940		\$10,750	···	Misc		\$1,110		\$2,310			
Casing Crev				\$3,010		Total		\$23,787		\$202,370			

Details

Continue drilling ahead w/ bit #3 (7-7/8", HTC, GT-S03) and water/polymer. Started having trouble w/ bit at ~ 3281 '. Continued drilling to 3343' but bit continued to "lock up". Circulate hole and run polymer/paper sweeps to clean up hole. TOH at report time.

DAILY DRILLING REPORT

	ır:	Rosetta	Resour	ces, Inc.										
Well	Name:	Tsah Tah	SWD #1	1		Con	tractor		R	pt#	Tim	e		Date
Loca	ation:	Sec. 11, T2	24N, R10)W, San Jua	an, NM	D&J	Drilling -	Rig #2		6	6:00	:00 AM	1	/24/2007
Present (Operation	Depth		Footage	2		Forma	tion		Last Casing			Est TC)
Dril	lling	4040'		697'			Menefe	е		8-5/8" - 140	8'	7-	-7/8"	- 4500'
Bit No.	Size	Make	Туре	Jets	Depth In	Depth Out	Ft.	Hrs.	RF	>M	Wt.	м	c	ondition
4	7-7/8"	нтс	HX-S28	3/13's	3343'	Inc.	697'	16.50		80	2	0K		
											·			
	•													
Mud Wt.	Vis	WL	PV/YP	Gels	PH	SND	% Oil	Solids %	in/Out		FC/	32	•	Other
water/poly Pump	Size	Stroke	1	SPM	GPN	<u> </u> 	PSI		Annul	ar Vel DP & DC				Other
1	6.5"	7"		130	Ī	83	1350	1	Annua .	ar verbe a be	<u> </u>		•	2 (16)
2				, , , , ,			1000							
вна:	Bit, junk b	asket, bit si	ub, shoçl	k sub, 20 ea	. 6-1/4" D	C's. 4 ea. F	IWDP	TBHA Leng	ath: 7	55 58'				
Time Br		the annual contract of the con-					1 7 7 12 1	TOTAL COL	941					
	eakdown							TOTIVE CON	941.	<u> </u>				
IOL RU:	eakdown			Cementing:				Surveys:	341.	0.5 hrs	s	Dey	/lation	Surveys
	eakdown	16.51	nrs	Cementing: Trips:		3.0 1		1	gu.		S	Dev Depth		Surveys Degree
rilling:		16.5 I						Surveys:	gui.		S			
rilling: irculation:				Trips;				Surveys: Logging:			S	Depth		Degree
rilling: irculation: U and ND: rill Rat/Mo				Trips: Run Casing:				Surveys: Logging: WOC:				Depth		Degree
rilling: irculation: U and ND: rill Rat/Mo				Trips: Run Casing: Rig ServJSfty				Surveys: Logging: WOC: Drill Cement:		0.5 hrs		Depth		Degree
roll RU: rilling: riculation: U and ND: rill Rat/Mo Costs ally Costs	suse:		rs	Trips: Run Casing: Rig ServJSfty		3.0 }		Surveys: Logging: WOC: Drill Cement:		0.5 hrs		Depth		Degree
rilling: irculation: U and ND: rill Rat/Mo Costs aily Costs D,Loc,Perr	suse:	1.0 h	rs	Trips: Run Casing: Rig Serv JSfty Rig Repairs: Cum \$14,500	Mtg;	3.0 h		Surveys: Logging: WOC: Drill Cement: W/O Junk Bas		0.5 hrs		Depth		Degree
rilling: irculation: U and ND: rill Rat/Mo Costs ally Costs. O,Loc,Perr	suse:	1.0 h	rs	Trips: Run Casing: Rig Serv./Sfty Rig Repairs: Cum \$14,500 \$77,000	Mtg;	3.0 h		Surveys: Logging: WOC: Drill Cement: W/O Junk Bas		0.5 hrs 3.0 hrs		Depth		Degree
rilling: irculation: U and ND: rill Rat/Mo Costs aily Costs D,Loc,Perrilg assing	suse:	1.0 h	rs	Trips: Run Casing: Rig Serv.JSffy Rig Repairs: Cum \$14,500 \$77,000 \$23,181	Mtg;	3.0 h		Surveys: Logging: WOC: Drill Gement: W/O Junk Bas		3.0 hrs Cum \$855 \$3,700		Depth		Degree
rilling: irculation; U and ND: rill Rat/Mo Costs ally Costs O,Loc,Perr lig asing ement	suse:	1.0 h	rs	Trips: Run Casing: Rig Serv.JSfty Rig Repairs: Cum \$14,500 \$77,000 \$23,181 \$26,159	Mtg;	3.0 h Well Head Bits Logging Supervision		Surveys: Logging: WOC: Drill Cement: W/O Junk Bas		0.5 hrs 3.0 hrs Cum \$855 \$3,700		Depth		Degree
rilling: irculation: U and ND: rill Rat/Mo Costs aily Costs D,Loc,Perr ig asing ement	suse:	1.0 h	rs	Trips: Run Casing: Rig Serv.JSffy Rig Repairs: Cum \$14,500 \$77,000 \$23,181 \$26,159 \$9,700	Mtg:	3.0 h Well Head Bits Logging Supervision Trucking		Surveys: Logging: WOC: Drill Cement: W/O Junk Bas		3.0 hrs Cum \$855 \$3,700 \$4,800 \$26,250		Depth		Degree
rilling: irculation: U and ND: rill Rat/Mo Costs aily Costs D,Loc,Perrilg assing	suse:	1.0 h	rs	Trips: Run Casing: Rig Serv.JSfty Rig Repairs: Cum \$14,500 \$77,000 \$23,181 \$26,159	Mtg;	3.0 h Well Head Bits Logging Supervision		Surveys: Logging: WOC: Drill Gement: W/O Junk Bas		0.5 hrs 3.0 hrs Cum \$855 \$3,700		Depth		Degree 1-3/4°

Details

Finish TOH, bearings and most buttons missing from bit. Call for junk basket. Make up bit #4 (7-7/8", HTC, HX-S28) with 6-7/8" junk basket and TIH. Went to 3343' (bottom) w/ no problems. Work bit and junk basket on bottom. Continue drilling ahead w/ water/polymer. ROP at report time is ~ 60 fph.

DAILY DRILLING REPORT

Operato	or:	Rosetta	Resoul	ces, Inc.										
Well	Name:	Tsah Tah	SWD #1	1		Con	tractor		R	pt#	Tim	e	Da	te
Loca	ation:	Sec. 11, T.	24N, R10)W, San Jua	an, NM	D&J	Drilling -	Rig #2		7	6:00	0:00 AM	1/2	5/2007
Present	Operation	Depth		Footage	•		Forma	tion		Last Casing			Est TD	
RD Lo	oggers	4510'		470'			Manco	s		8-5/8" - 140	8'	7-	7/8" - 4	500'
Bit No.	Size	Make	Туре	Jets	Depth In	Depth Out	Ft.	Hrs.	RI	PM PM	Wt.	м	Conc	lition
4	7-7/8"	нтс	HX-S28	3/13's	3343'	4510'	1167'	31.00		70	4	0,K		
Mud Wt.	Vis	WL	PVIYP	Gels	PH	SND	% Oil	Solids %	ln/Out		FC/	32	Oth	et
8.6	50	10.0	<u> </u>		11.0				/ 					
Pump	Size	Stroke		SPM	GPI	VI .	PSI		Annul	ar Vel DP & DC			Oth	er
11	6.5"	7"		138	3	195	1400							
2		<u> </u>					<u> </u>							<u>.</u>
вна:	Bit, junk b	oasket, bit s	ub, shocl	k sub, 20 ea	a. 6-1/4" D	C's, 4 ea. F	WDP	TBHA Len	gth: 7	55.58'				
Time Br	eakdown													
MOL RU:				Cementing:			,	Surveys:		1.0 hr	s	Dev	lation Su	irveys
Drilling:		14.5	hrs	Trips:		3.5	nrs	Logging:		2.5 hr	s	Depth		Degree
Circulation	:	2.5 h	rs	Run Casing:				Woc:				4029	<u>. </u>	3/4°
NU and ND:				Rig Serv/Sfty	Mtg:		··	Drill Cement:				4494		1-1/4°
Drill Rat/Mo	use:			Rig Repairs:				Pressure Test	t:		000000000000000000000000000000000000000	300000000000000000000000000000000000000	*****	
Costs		ı ———				l .		~~~~~						
Daily Costs		Daily		Cum				Daily		Cum				
RD,Loc,Per	mits			\$14,500		Well Head				\$855				
Rig		\$13,500		\$90,500		Bits				\$3,700				
Casing				\$23,181		Logging					·····			
Cement		01.053		\$26,159		Supervision		\$800		\$5,600				
Water		\$1,350		\$11,050		Trucking		\$2,500		\$28,750				
Fuel Mud		\$3,900		\$12,905 \$16,700		Rentals Csy Inspecti		\$550		\$3,450				
		\$3,900				Total	υΠ	\$1,036 \$23,636		\$4,116				<u>-</u> -
Casing Crev	N	L		\$3,010	· · · · · · · · · · · · · · · · · · ·	ı Utai		⊅ ∠3,030		\$244,476				

Details

Started mud up at 4350' while drilling. TD well at 4510' w/ bit #4 (7-7/8", HTC, HX-S28) at 21:00 hrs 1/24/07. Circulate and condition mud. Pull 20 std short trip – no tight spots, no fill. Circulate and condition mud. TOH for logs. RU Halliburton Logging Services and hold safety meeting. RIH w/ IND/DEN/NEUT/GR logging tools. Unable to get past 1575'. RD loggers at report time and prepare to TIH for wiper run.

DAILY DRILLING REPORT

Operato	or:	Rosetta	Resou	ces, Inc.								
Well	Name:	Tsah Tah	SWD #1	1		Con	tractor		Rpt#	Tim	1e	Date
Loc	ation:	Sec. 11, T2	24N, R10)W, San Jua	an, NM	D&J	Drilling -	Rig #2	8	6:00	0:00 AM	1/26/2007
Present	Operation	Depth		Footag	e		Forma	tion	Last Casing		E	st TD
	ПН	4510'		0'			Manco	S	8-5/8" - 14	08'	7-7	7/8" - 4500'
Bit No.	Size	Make	Туре	Jets	Depth in	Depth Out	Ft.	Hrs.	RPM	Wt.	N	Condition
4	7-7/8"	нтс	HX-S28	3/13's	3343'	4510'	1167'	31.00	70	4	0K	

Mud Wt.	Vis	WL	PV/YP	Gels	РН	SND	% Oil	Solids %	In/Out	FC	/32	Other
8.8	100	9.0			11.0							
Pump	Size	Strake		SPM	GPA	А	PSI		Annular Vel DP & D	G		Other
1	6.5"	7"		138	3	95	1400					
2					<u> </u>		·	<u> </u>				
вна:	Bit, bit su	b, shock sub	o, 20 ea.	6-1/4" DC's	;, 4 ea. HV	VDP TB	HA Leng	th: 753.13'				
Time Bi	reakdown					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		r				
MOL RU:				Cementing:				Surveys:			Devi	ation Surveys
Drilling:				Trips:		14.5	hrs	Logging:	5.5 h	rs	Depth	Degree
Circulation	<u> </u>	2.0 h	rs	Run Casing:				Woc:				
NU and ND			<u> </u>	Rig Serv/Sfty	Mfg:			Drill Cement:				
orill Rat/Mo	ouse:		******	Rig Repairs:			000000000000000000000000000000000000000	Wash/Ream:	2.0 h	s	300000000000000000000000000000000000000	
Costs		l .				r						
aily Costs	i.	Daily		Cum				Daily	Cum			
RD,Loc,Per	mits			\$14,500		Well Head			\$855			
Rig		\$13,500		\$104,000		Bits			\$3,700			
Casing				\$23,181		Logging						
Zement				\$26,159		Supervision		\$800	\$6,400			
Nater				\$11,050		Trucking			\$28,750			
Fuel		\$4,337		\$17,242		Rentals		\$550	\$4,000			
Mud		\$3,200		\$19,900		Misc		\$2,105	\$6,221			
Casing Cre	w			\$3,010		Total		\$24,492	\$268,968			

<u>Details</u>

Finish RD loggers. TIH and tag bridge at 1623'. PU kelly and wash/ream thru bridges from 1623' to 1723'. Continue TIH to TD. Build mud volume and bring viscosity to 100. Circulate and condition mud. TOH to 1400' and SD for 30 min. TIH thru spots that had bridged off back down to 1700' – no problems. TOH. RU loggers and RIH w/ IND/DEN/NEUT/GR logging tools. Unable to get past 1560'. Lay down DEN/NEUT and RIH w/ IND/GR only. Still unable to get past 1560'. RD loggers. TIH to 1750', only hit small bridge at 1560', TOH. RU loggers and RIH, hit bridge at 1803'. RD loggers. TIH to TD at report time.

DAILY DRILLING REPORT

Operato	or:	Rosetta	Resoul	rces, Inc.		· · · · · · · · · · · · · · · · · · ·							
	Name:	Tsah Tah				Con	tractor		F	.pt#	Time		Date
Loc	ation:	Sec. 11, T2	24N, R10)W, San Jua	an, NM	D&J	Drilling -	Rig #2		9	6:00:00	MA	1/27/2007
Present	Operation	Depth		Footag	e		Forma	tion		Last Casing		Est	TD
Runnin	g Casing	4510'		0'			Manço	s		8-5/8" - 140	8'	7-7/8	B" - 4500'
Bit No.	Size	Make	Туре	Jets	Depth In	Depth Out	Ft.	u.a		PM	Wt.M		
	1					1		Hrs.	<u> </u>			1	Condition
4	7-7/8"	HTC	HX-S28	3/13's	3343'	4510'	1167'	31.00	 	70	40K		
	-		·										
Mud Wt.	Vis	WL	PV/YP	Gels	PH	SND	% Oil	Solids 9	4 In/Ou		FC/32		Other
8.8	145	9.0			11.0								
Pump	Size	Stroke		SPM	GPA		PSI		Annu	ar Vel DP & DC			Other
2	6.5"	7"		138	3	95	1400						
	Rit hit sul	o, shock sub		6-1/4" DC's	. 1 ea H)	IND TRI	-IA Lena	I th: 753.13'					
Middle Helder Control (eakdown	o, snock sup	, 20 ea.	0-1/4 DC 3	, + ea. 11V	VDF 101	IA Leng	141. 733, 13					
MOL RU:				Cementing:				Surveys:				Devlati	on Surveys
Drilling:				Trips:		10.5	hrs	Logging:		4.0 hr	s i	Depth	Degree
Circulation		4.5 hr	s	Run Casing:		1.5 h		Woc:					
NU and ND:				Rig Serv./Sfty	Mtg:			Drill Cement					
Drill Rat/Mo	ouse:			Rig Repairs:				LD DP & DCs		3.5 hrs	S		
Costs						,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		,					
Daily Costs		Daily		Cum				Daily		Cum			
RD,Loc,Peri	mits			\$14,500		Well Head				\$855			····
Rig		\$13,500		\$117,500		Bits				\$3,700			
Casing				\$23,181		Logging		\$42,116		\$42,116			
Cement				\$26,159		Supervision		\$800		\$7,200			
Water				\$11,050	· · ·	Trucking				\$28,750			
Fuel				\$17,242		Rentals		\$550		\$4,550	· 		
Mud		\$3,200		\$23,100	-	Misc				\$6,221			
Casing Crev	V			\$3,010		Total		\$60,166		\$329,134			•

<u> Details</u>

Finish TIH to TD. Build mud volume and bring viscosity up to 140. Circulate and condition mud. TOH. RU loggers and RIH w/ IND/DEN/NEUT/GR logging tools. Logger's TD was 4508' KB. RD logger's. TIH to TD – no fill. Break circulation and condition mud for casing. LD DP & DC's. Change out rams, RU San Juan Casing crew and hold safety meeting. Running 5-1/2" casing at report time.

DAILY DRILLING REPORT

Operati	or:	Rosetta	Resou	rces, Inc.									
Well	Name:	Tsah Tah				Con	tractor		R	pt#	Tim	ie	Date
Loc	ation:	Sec. 11, T2	24N, R1	0W, San Jua	an, NM	D&J	Drilling -	- Rig #2		10	6:00	0:00 AM	1/28/2007
Present	Operation	Depth		Footag	e		Forma	tion		Last Casing			Est TD
MOL D	a Dolone	4510'		0,			Manco			5-1/2" - 450	10'	7	-7/8" - 4500'
WOL - KI	g Released	1 4310		1			IVIAIICO	<u> </u>	l I	3-1/2 - 400	-	1	-770 - 4300
Bit No.	Size	Make	Туре	Jets	Depth In	Depth Out	Ft.	Hrs.	R	PM	Wt.	M	Condition
			_								,		
								1					
Mud Wt.	Vis	WL	PV/YP	Gels	PH	SND	% OII	Solids 9	(15/04)		FC	150	Other
) vis	1	POSE OVAL CON	Gers		3,10	/ /o OII	30nds /	/a 1115Ou			52	Olijei
Pump	Size	Strake	1	SPM	GPI)VI	PSI		Annul	ar Vel DP & DC			Other
1	6.5"	7"											
2													
вна:													
Time Bi	reakdown												
MOL RU:		11.5 }	าเร	Cementing:		3.01	nrs	Surveys;				Det	riation Surveys
Drilling:				Trips;				Logging:				Depth	. Degree
Circulation	ri.	5.0 h	rs	Run Casing:		2.51	nrs	Woc:					
NU and ND		2.0 h	rs	Rig Serv/Sfty	Mtg:			Drill Cement	:	<u>.</u>			
Drill Rat/M	ouse:		900000000000000000000000000000000000000	Rig Repairs:			50 105 0000 TOOL	LD DP & DC	S:	***************************************	-00000000000000000000000000000000000000	Ebilossassassas	
Costs						r		 					
Daily Costs		Daily		Cum				Daily		Cum			
RD,Loc,Per	rmits			\$14,500		Well Head				\$855			
Rig		\$13,500		\$131,000		Bits				\$3,700			
Casing		\$42,490		\$65,671		Logging				\$42,116			
Cement		\$27,911		\$54,070		Supervision		\$800		\$8,000			
		\$2,400		\$13,450		Trucking	000000000000000000000000000000000000000	\$2,800		\$31,550			
Water		\$2,400											
Water Fuel Mud		\$5,077		\$22,319 \$23,100		Rentals		\$550 \$1,650		\$5,100 \$7,871			

Details

Finish running casing. Ran 104 jts (4496.20°) of 5-1/2°, J-55, LT&C casing. Bottom of casing landed at 4509° KB, float collar at 4496° KB, marker jt at 4033° and DV tool at 2224° KB. Wash casing to bottom and circulate. RU Halliburton (HES) and hold safety meeting. Pump 1st stage as follows: Precede cement w/ 20 bbls of mud flush followed by a 5 bbl water spacer. Mix and pump 345 sx (652 cf) of 65/35 Type V poz, 6% gel, 5#/sk Gilsonite and 1/8#/sx of poly-flake. Tail in w/ 100 sx (146 cf) of 50/50 poz w/ 2% gel, 10% Halad 9-2,10% CFR, 5#/sk Gilsonite & 1/8#/sk of poly-flake. Displace cement w/ 60 bbls of water and 47.5 bbls of mud. PD at 12:00 hrs 1/27/07. Pressure up on casing to 1500 psi, check float held OK. Drop bomb and open DV tool. Circulate out 40 bbls of cement to surface. Continue circulating mud while WOC. Pump 2nd stage as follows: Precede cement 20 bbls of mud flush followed by a 5 bbl water spacer. Mix and pump 260 sx (491 cf) of 65/35 Type V poz, 6% gel, 5#/sk Gilsonite and 1/8#/sx of poly-flake. Tail in w/ 50 sx (59 cf) of Type V "neat cement". Displace cement w/ 53.4 bbls of water. PD at 16:00 hrs 1/27/07. Pressured up on casing to 2500 psi to close DV tool, check float – held OK. Circulated 8 bbls of cement to surface. ND BOP and set slips w/ 40 K tension on casing. RD and ready rig for rig move. Rig Released at 00:00 hrs 1/28/07. *Final Report.*

PIPE RECORD

0	perator:	Ros	etta Resou	ırces	<u> </u>	Lea	se:	Tsa	h Tah SWI)	Well No.	11		Dat	e: 1/21/06
Pi	pe Tally - Sl	how ev	very piece of e	equipn	nent going into	the h	ole in the orde	r run.		<u>.</u>					
	umn 1		olumn2		olumn 3		olumn 4		Column 5		olumn 6		olumn 7		olumn 8
Grade		Grade	Wt	Grade	·	Grade	W _t	Grade	Wt	Grade	Wt	Grade	T VVt	Grade	··············
\dashv	0.85		44.46		42.33	ļ		-		ļ]	-			
		С	44.45	ļC_	42.45	-				<u> </u>	} 			ļ	
			44.43	<u> </u>	42.27					ļ.		<u> </u>		 	<u> </u>
_		С	44.43	С	42.30					ļ				<u> </u>	
			44.42	!	41.08						<u> </u>	ļ		-	
-		С	44.44	C	42.30	ļ				ļ				<u> </u>	
			42.22		44.41								ļ	ļ	
		С	44.45	Ç	42.26							ļ		ļ	
			44.43	<u> </u>	42.46	<u> </u>			<u> </u>	ļ	<u> </u>		<u> </u>		
		С	44.50	C	42.44									ļ	
			44.50		44.40	<u> </u>						<u> </u>		<u> </u>	- · · ·
-		С	44.35	i	44.50	 				_					
			44.55	out	44.45	ļ			,					<u> </u>	
		С	44.40							ļ			ļ		i
			44.35							_					!
		С	44.35												
			44.37	. !											<u> </u>
		С	42.41						· · · · · · · · · · · · · · · · · · ·						
		\dashv	42.35												
		С	42.31	-			<u> </u>								
on rock i	0.85		880.17		557.65	lta ca s	0.00		0.00		0.00	Na la	0.00		0.0
Colum		33	ITEM	-		JTS.	OD.	1 WT.	GRADE		THREAD	No. Jts. r	MAKE	32	
1			Guide Shoe	 -					<u> </u>		THREAD		Weatherford		0.8
2		-	Casing			20	8-5/8"	24#	J-55		LTC				880.1
3			Casing			33	8-5/8"	24#	J-55		LTC				557.6
4			<u> </u>	,											0.0
5															0.0
6															0.0
_		-													0.0
- <u> </u>	-									·					0.0
REMAF	RKS *	ASTE	RISK DESIGNATES	CENTRA	LIZER ON JOINT						TOTAL		· · · · · · · · · · · · · · · · · · ·		1438.6
											JTS NOT RUI	· · ·	1 it)		44.4
R	n 32 its	(13	93.37') nf	f 8-	5/8", 24#		55. LT&C	casi	na		CUT OFF		- 1 jt) -)		44.4
					408' KB,						TOTAL			_	1394.2
					(,,		. , , , ou , u				Top of Casing	head	flance to VD		13.5
											Top or Casing	neau	nange (U ND		10.0
	- Centrali									1	SET AT KB				1407.7

PIPE RECORD

	Operator:	Ros	etta Resou	rces	3	Lea	se:	Tsa	h Tah SWD	Well No.	11		Date	:1/27/06
F	Pipe Tally - SI	how e	very piece of e	quipn	nent going into	the h	ole in the orde	r run.	L		<u></u>			
	lumn 1		olumn2		olumn 3		olumn 4	Grade	Column 5	Column 6	Co	lumn 7	C	olumn 8
Grade		Grade	wt	Grade		Grade		Grade	T	ľ	Grade	T	-	
	0.90	С	45,16	<u>-</u> -	45.18	 	45.17		2.14	45.17	L	42.15		45.20
	11.00		45.16		45.20	<u> </u>	45.18			45.15		42.08		45,18
	0.61	С	45.19		45.18	<u> </u>	45.18			42.13		42.12		45.18
			45.16		45.21		45.15			42.16		42.14		45.14
		С	45.20	<u> </u>	45.17	<u> </u>	45.20			42.19		42.14		45.10
			45.18		45.18		45.17	Ĺ		42.11		42.11		45.18
		С	45.17		45.16		45.16			42.21		42.15		45.1
			45.16		45.18		45.20			42.14		42.16		45.18
		С	45.19	-	45.17		45.15			42.15		42.17		45.1
			45.18		45.15		45.16			42.16		42.21		45.16
		MJ	11.80	;	45.21		45.16			42.16		42.15		45.10
		С	45.15	_	45.14					42.13		42.17		45.1 ⁻
			45.18		45.20		_			42.17		42.10	ОПТ	45.1
		С	45.18		45.18					42.20		42.16		45.16
			45.17	-	45.17					42.16		42.17		19.9
		С	45.17		45.16					42.17		42.14		
		Ť	45.17	'	45.18					42.11		42.15		
		С	45.18	 -	45.15					42.13		42.15		
_		Ť	45.18		45.15					42.13		45.16	_	
		С	45.18		45.16					45.16		45.18		
\dashv	12.51		870.11	1	903.48		496.88		2.14	852.09		848.96		652.32
ts, on racl	k before running	107	070.11		500.40	Jts. on r	ack after running	3			No. Jts. r		104	002.02
Çolur	nn no.		ITEM			JTS.	OD.	WT.	GRADE	THREAD		MAKE		
1		Guide	e shoe, shoe	jt., flo	oat collar	1						Weatherford		12.5
2	2		Casing			20	5-1/2"	15.5	J-55	LTC				870.1
3			Casing			20	5-1/2"	15.5	J-55	LTC				903.48
4			Casing			11	5-1/2"	15.5	J-55	LTC				496.88
5	j		DV Tool				5-1/2"			LTC		Weatherford		2.14
6			Casing			20	5-1/2"	15.5	J-55	LTC				852.09
7	,		Casing			20	5-1/2"	15.5	J-55	LTC	_			848.96
. 8		_	Casing	·		15	5-1/2"	15.5	J-55	LTC				652.3
REMA	RKS *	ASTE	RISK DESIGNATES	CENTRA	ALIZER ON JOINT					TOTAL				4638.49
										JTS NOT RUI	۷ (- 3 jts)		110.27
F	Ran 104 j	ts (4	496.20')	of 5	-1/2", 15	.5#,	J-55, LT	T&C	casing	CUT OFF		-)		32.00
					1509' KB,				 _	TOTAL		·		4496.22
					V tool at					Top of Casing	head	flange to KB		12.50
	- Central	izoro		-:						SET AT KB	lob-	C Thomas		4508.72
	, - central	Lers	· · · · · · · · · · · · · · · · · · ·	-			=			CO. REP.	John	C. Thomps	son	