

Rosetta Resources  
Step – Rate Injection Test Procedure  
Tsah Tah SWD #36  
NW/4 Section 36, T25N, 10W

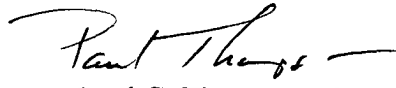
RCVD NOV 14 '07  
OIL CONS. DIV.  
DIST. 3

Perfs: 3376 - 4381' KB  
Tubing: 2-7/8" at 3313' KB  
PBTD – 4446' KB

30-045-33942

Procedure:

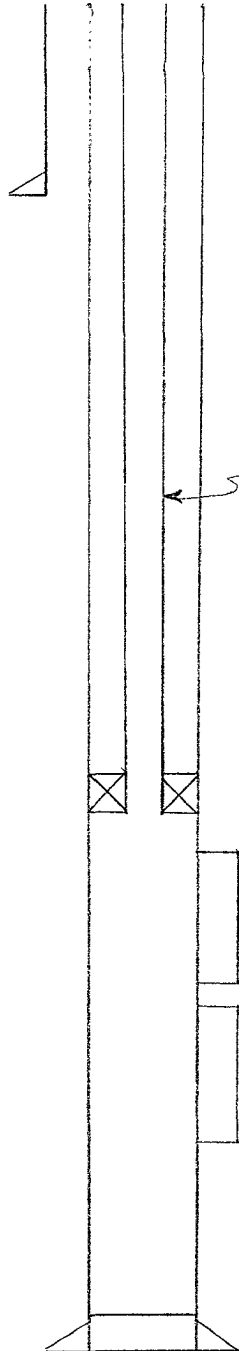
1. Run a bottom hole pressure bomb and set it at the mid-point of the perfs at 3879' KB.
2. Rig up pump truck to the tubing. Install pressure gauge at the wellhead on both the tubing and annulus. Install a pressure recording device and flow meter at the pump truck.
3. Establish an injection rate with produced water of 0.5 BPM for 20 min.
4. Increase the injection rate in steps at 0.5 BPM increments from 0.5 BPM to 8.0 BPM. Pump each stage for 20 min.
5. Monitor the pressure fall-off for 15 min.
6. Retrieve the bottom hole pressure bomb.
7. Plot the injection rate vs. the bottom hole treating pressures to determine the fracture parting pressure.

  
Paul C. Thompson, PE

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ROSETTA RESOURCES  
TSAH TAH SWD #36  
SEC. 36, T25N, R10W

KB = 14'



$8\frac{5}{8}"$ , 24" @ 226'

$2\frac{7}{8}"$ , 6.5" PLASTIC LINED TBG

ARROWSET 1 PKR @ 3313' KB

WENEFEE 3376-4136

POINT LOOKOUT 4197-4381

PBTD @ 4446' KB  
 $5\frac{1}{2}"$ , 15.5" @ 4490' KB

13782 500 SHEETS, FILLER 5 SQUARE  
42381 50 SHEETS EYE-EASE 5 SQUARE  
42382 100 SHEETS EYE-EASE 5 SQUARE  
42383 100 SHEETS EYE-EASE 5 SQUARE  
42384 100 SHEETS EYE-EASE 5 SQUARE  
42385 100 SHEETS EYE-EASE 5 SQUARE  
42386 100 SHEETS EYE-EASE 5 SQUARE  
42387 100 SHEETS EYE-EASE 5 SQUARE  
42388 100 SHEETS EYE-EASE 5 SQUARE  
42389 100 SHEETS EYE-EASE 5 SQUARE  
42390 100 SHEETS EYE-EASE 5 SQUARE  
42391 100 SHEETS EYE-EASE 5 SQUARE  
42392 100 SHEETS EYE-EASE 5 SQUARE  
42393 100 SHEETS EYE-EASE 5 SQUARE  
42394 100 SHEETS EYE-EASE 5 SQUARE  
42395 100 SHEETS EYE-EASE 5 SQUARE  
42396 100 SHEETS EYE-EASE 5 SQUARE  
42397 100 SHEETS EYE-EASE 5 SQUARE  
42398 100 SHEETS EYE-EASE 5 SQUARE  
42399 100 SHEETS EYE-EASE 5 SQUARE  
42400 100 SHEETS EYE-EASE 5 SQUARE  
MADE IN U.S.A.



11/14/07

## WORKOVER AND COMPLETION REPORT

**Operator:** Rosetta Resources **Well Name:** Tsah Tah SWD #36  
**Date:** 21-Dec-06 **Report #:** 7  
**Field:** Mesa Verde **Location:** 36/25N/10W **County:** San Juan **State:** NM  
**Contractor:** Aztec Well Service Rig #471 **Supervisor:** Paul Thompson

### Work Summary:

Nipped down the BOP and wellhead and installed a 5-1/2", 5000 psi frac valve. Set and filled 10 frac tanks with produced water. Rigged up Blue Jet and perforated the Point Lookout formation at 4197, 99, 4204, 09, 11, 18, 20, 25, 30, 32, 39, 43, 52, 57, 62, 67, 70, 77, 82, 85, 89, 95, 97, 99, 4302, 18, 22, 25, 31, 37, 43, 46, 51, 54, 60, 67, 71, 76, and 4381 for a total of 39 (0.34") holes. Depths refer to the Gas Spectrum log. Rigged up Key. Held a safety meeting and pressure tested the surface lines. Broke the formation at 2500 psi with water. Pumped 1000 gal of 15% HCl and dropped 80 7/8", 1.3 sp.gr. ball sealers. Had good ball action and a complete all off to 3800 psi. Opened the well to the pit and it did not die. Rigged up a lubricator and RIH with a junk basket. Recovered 80 balls with 26 hits. Fraced the Point Lookout with a 20,000 gal pad of slick water followed by 100,000# of 20/40 Brady sand at 0.5 to 2.0 ppg. Jo completed at 1345 hrs 12/21/06. AIR - 78 PM, MIR - 82 BPM, ATP - 2450 psi, MTP - 3000 psi. Total fluid = 2271 bbls. ISIP = 1130 #, 5 min = 1083#, 10 min. = 1046#, and 15 min. = 1018#. Opened the well to the pit for 5 min and the pressure only dropped to 780 psi. Discovered that one of the pump trucks was still in gear and pumping during the SI period. SI the well. Rigged down and released the frac crew. SDON

### Daily Costs:

Road & Location		Tubulars	
Rig Costs	\$10,000	Wellhead Equipment	
Equipment Rental		Subsurface Equipment	
Logging & Perforating	\$5,775	Artificial Lift Equipment	
Stimulation	\$67,898	Sucker Rods	
Testing (Tracer)		Tanks	\$3,500
Cementing		Bailer	
Completion Fluids	\$9,000	Flowlines	
Contract Services		Installation/Labor	
Miscellaneous Supplies		Fittings, Valves, Etc..	\$1,800
Engr. & Supervision	\$800	Meters, Lact, Etc..	
Trucking		Electrical Equipment	
Other (heat tanks)			
		<b>Total Daily Costs</b>	<b>\$98,773</b>
		<b>Cumulative Costs</b>	<b>\$132,679</b>

### Well Record

<b>ID:</b>	4490' KB	<b>Run in well</b>			
<b>PBTD:</b>	4446' KB	<b>Tubing</b>	<b>Joints</b>	<b>Grade</b>	
<b>Casing Size:</b>	5-1/2", 15.5#	<b>Wt</b>	<b>Thread</b>	<b>Length</b>	
DV @ 1875' 14' KB		<b>Tubing Subs</b>		<b>Length</b>	
<b>Perforations:</b>	4333' two holes	<b>Seating Nipple</b>		<b>Length</b>	
4197 - 4381 39 holes		<b>Top of tbg to KB</b>			
		<b>Bottom of Tubing/Production String Landed at:</b>			
<b>SPF:</b>		<b>Rods</b>	<b>Size</b>		
		<b>Rods</b>	<b>Size</b>		
<b>Pulled from well</b>		<b>Pony subs</b>			
<b>Tubing</b>		<b>Pump</b>			
<b>Packer</b>		<b>Packer Depth</b>			
<b>Rods</b>		<b>Type</b>			
<b>Pump</b>		<b>How set</b>			

**FRACTURE TREATMENT REPORT**

Operator: Rosetta Resources Well Name: Tsah Tah SWD #36

Date: 21-Dec-06

Field: Blanco Mesa Verde Location: 36/25N/10W County: San Juan State: NM

Stimulation Company: Blue Jet &amp; Key PPS Supervisor: Paul Thompson

Stage #: 1/1 Point Lookout

Sand on location: Design: 100,000# Weight ticket: 100,880# Size/type: 20/40 Brady

Fluid on location : No. of Tanks: 10 Strap: 20' Amount: 4000 Usable: 3,600

**Perforations:**

Depth: 4197 - 4381 Total Holes: 39 PBTD: 4446' KB

Shots per foot: 1 EHD: 0.34"

**Breakdown:**

Acid: 1000 gal of 15% HCl

Balls: 80 7/8" 1.3 sp.gr.

Pressure: 1093 Rate: 4.0 BPM

The formation broke at 2500 psi  
Recovered 80 balls with 26 hits**Stimulation:**

ATP: 2450 psi AIR: 78 BPM

MTP: 3000 psi MIR: 82 PM

	Sand Stage	Pressure	Rate	BHTP
ISIP: 1130	pad	2802	76.8	
5 min: 1083	0.5 ppg	2400	76.5	
10 min: 1046	1 ppg	2458	60.2	
15 min: 1018	1.5 ppg	2280	81.7	
	2 ppg	2350	82.0	

Job Complete at: 1445 hrs. Date: 12/21/2006 Start flow back: 1500 hrs w/ 1000 psi  
pressure dropped to 780#  
in 5 min.

Total Fluid Pumped: 2271 ls

Total Sand Pumped: 100,000# Total Sand on Formation: 100,000#

Total Nitrogen Pumped:

**Notes:**

All frac fluid was produced water with biocide, surfactants, and 0.8 gal FR/1000 gal. Key kept losing prime while pumping the acid so some of the balls hit early. Good ball action and a complete ball off. Recovered 80 balls with 26 hits. Pressure did not go to a vacuum after the job as expected, however it was determined after the 15 min SI period that one of the pump trucks was still in gear and pumping. Left the well SI.

## WORKOVER AND COMPLETION REPORT

**Operator: Rosetta Resources**

**Well Name:**

**Date:** 10-Aug-07

Report #:

**Field:** Mesa Verde

**Contractor:** Key Pressure Pumping

**Supervisor:**

### Work Summary:

Rigged up Key Pressure Pumping. Loaded the casing and pressure tested the RBP, casing and frac valve to 4000 psi – held OK. Rigged up Blue Jet and perforated the Menefee formation at 3378, 84, 90, 98, 3404, 09, 14, 3507, 11, 16, 3688, 3690, 3700, 10, 17, 21, 25, 53, 57, 67, 70, 78, 82, 86, 90, 94, 3822, 34, 38, 48, 83, 88, 3958, 63, 68, 75, 4001, 27, 35, 4108, 15, 27, and 4134 for a total of 43 (0.34”) holes. Depths refer to the Gas Spectrum log. Rigged up Key. Held a safety meeting and pressure tested the surface lines. Broke the formation at 2150 psi with water. Pumped 1000 gal of 15% HCl and dropped 86 7/8”, 1.3 sp.gr. ball sealers. Had good ball action but did not ball off. Maximum pressure was 2600 psi. ISIP = 1475 psi. Rigged up a lubricator and RIH with a junk basket to 4160’ KB (fill). Did not recover any balls. Fraced the Menefee with a 10,000 gal pad of slick water followed by 100,000# of 20/40 Brady sand at 0.5 to 2.0 ppg. Job completed at 1425 hrs 8/10/07. AIR – 74 PM, MIR – 82 BPM, ATP – 2750 psi, MTP – 3200 psi. Total fluid = 2020 bbls. ISIP = 1280#, 5 min = 1168#, 10 min. = 1181#, and 15 min. = 1157#. Did not achieve the requested rate (90 BPM) due to Key’s pump problems. Rigged down and released the frac crew. SD until 8/14/07.

**Daily Costs:**

### Road & Location

## Rig Costs

## Equipment Rental

**\$6,322**

**\$48,582**

### Testing (Tracer )

## Cementing

## Completion Fluids

Contract Services(Air Pkg)

### Miscellaneous Supplies(Pkr Fluid)

**\$800**

## Trucking

### Other Slickline plug

## Tubulars

## Wellhead Equipment

## Subsurface Equipment

## Artificial Lift Equipment

## Sucker Rods

\$5,200

## Packer

## Flowlines

### Installation/Labor

**\$1,700**

Meters, Lact, Etc .

## Electrical Equipment

**\$62,604**

**\$73,005**

## Well Record

TD:	4490' KB
PBTD:	4446' KB
Casing Size:	5-1/2", 15 5#
DV @ 1875' 14' KB	
Perforations	4333' two holes
4197 - 4381 39 holes	
Re-perf; 4193' - 4381' - 2spf 376 holes	
SPF.	
Pulled from well	
Tubing	132 jts 2-7/8" plastic lined tbg
Packer	Weatherford Arrow-Set 1 5-1/2"
Rods	
Pump	

Run in well					
Tubing		Joints		Grade	J-55
Wt		Thread	EUE8rd	Length	
Packer				Length	
				Length	
				Top of tbg to KB	12.00
				Bottom of Tubing/Production String Landed at:	12.00
Rods		Size			
Rods		Size			
Pony subs					
Pump					
Packer Depth					
Type					
How set					

**FRACTURE TREATMENT REPORT**

Operator: Rosetta Resources Well Name: Tsah Tah SWD #36  
Date: 10-Aug-07  
Field: Blanco Mesa Verde Location: 36/25N/10W County: San Juan State: NM  
Stimulation Company: Blue Jet & Key PPS Supervisor: Paul Thompson

Stage #: 1/1 Menefee

Sand on location: Design: 100,000# Weight ticket: 100,200# Size/type: 20/40 Brady

Fluid on location: No. of Tanks: 7 Strap: 20' Amount: 2800 Usable: 2,520

**Perforations:**

Depth: 3378 - 4134' KB Total Holes: 43 PBTD: 4170' KB RBP  
Shots per foot: 1 EHD: 0.34"

**Breakdown:**

Acid: 1000 gal of 15% HCl

Balls: 86 7/8" 1 3 sp gr.

Pressure: 1660 psi

Rate: 5.3 BPM

The formation broke at 2150 psi  
Good ball action to 2600# but did not  
completely ball-off Run junk basket  
to 4160' but did recover any balls

**Stimulation:**

ATP: 2750 psi

AIR: 74 BPM

MTP: 3200 psi

MIR: 82 BPM

	Sand Stage	Pressure	Rate	BHTP
ISIP: 1280	pad	3174	75	3581
5 min: 1168	0.5 ppg	2720	69.0	3531
10 min: 1181	1 ppg	2800	79.8	3286
15 min: 1157	1.5 ppg	2380	73.1	3058
	2 ppg	2675	70.3	3076

Job Complete at: 1425 hrs.

Date: 8/10/2007

Start flow back: SI at 1440 hrs  
with 1150 psi

Total Fluid Pumped: 2020 bbls

Total Sand Pumped: 100,000#

Total Sand on Formation: 100,000#

Total Nitrogen Pumped:

**Notes:**

All frac fluid was produced water with biocide, surfactants, and friction reducer. Did not achieve the requested rate (90 BPM) due to pump problems. Left the well SI.

## OIL &amp; GAS GAUGE AND PRODUCTION REPORT

## Rosetta Resources Operating, LP.

DAY BEG	COUNTY: San Juan		LEASE: Tsah Tah SWD 36-1				January	
	STATE: NM		FIELD: Basin Fruitland Coal				2007	
	WATER PROD.	GAS PROD MCF	TUBING PRESS.	CASING PRESS.	LINE PRESS.	HOURS DOWN	REMARKS	
1/1/2007	0	0	0	0	0	24		
1/2/2007	0	0	0	0	0	24		
1/3/2007	0	0	0	0	0	24		
1/4/2007	0	0	0	0	0	24		
1/5/2007	0	0	0	0	0	24		
1/6/2007	0	0	0	0	0	24		
1/7/2007	0	0	0	0	0	24		
1/8/2007	0	0	0	0	0	24		
1/9/2007	0	0	0	0	0	24		
1/10/2007	0	0	0	0	0	24		
1/11/2007	0	0	0	0	0	24		
1/12/2007	0	0	0	0	0	24		
1/13/2007	0	0	0	0	0	24		
1/14/2007	0	0	0	0	0	24		
1/15/2007	0	0	0	0	0	24		
1/16/2007	0	0	0	0	0	24		
1/17/2007	0	0	0	0	0	24		
1/18/2007	0	0	0	0	0	24		
1/19/2007	0	0	0	0	0	24		
1/20/2007	0	0	0	0	0	24		
1/21/2007	0	0	0	0	0	24		
1/22/2007	0	0	0	0	0	24		
1/23/2007	0	0	0	0	0	24		
1/24/2007	0	0	0	0	0	24		
1/25/2007	0	0	0	0	0	24		
1/26/2007	350	0	0	0	0	0	automation install-water inj.start	
1/27/2007	818	0	9	0	0	0	2hr. Filter plug-25&5 micron	
1/28/2007	297	0	194	0	0	0	3hr.filter plug-25-25 micron	
1/29/2007	0	0	0	0	0	0	put water back to pit	
1/30/2007	0	0	0	0	0	0	put water back to pit	
1/31/2007	357	0	64	0	0	0	online w/ 25&10 mic. Filters	
TOTAL	1822	0				600		

**OIL & GAS GAUGE AND PRODUCTION REPORT**

**Rosetta Resources Operating, LP.**

DAY BEG.	COUNTY: <b>San Juan</b>		LEASE: <b>Tsah Tah SWD 36-1</b>				<b>February</b>	
	STATE: <b>NM</b>		FIELD: <b>Basin Fruitland Coal</b>				<b>2007</b>	
	WATER PROD.	GAS PROD. MCF	TUBING PRESS.	CASING PRESS.	LINE PRESS.	HOURS DOWN		
							REMARKS	
2/1/2007	454	0	64	0	0	0		
2/2/2007	364	0	64	0	0	0		
2/3/2007	801	0	210	0	0	0		
2/4/2007	312	0	16	0	0	0		
2/5/2007	783	0	165	0	0	0		
2/6/2007	686	0	258	0	0	0		
2/7/2007	633	0	259	0	0	0		
2/8/2007	623	0	245	0	0	0		
2/9/2007	562	0	247	0	0	0		
2/10/2007	0	0	247	0	0	0		
2/11/2007	0	0	247	0	0	0		
2/12/2007	532	0	272	0	0	0		
2/13/2007	543	0	276	0	0	0		
2/14/2007	202	0	261	0	0	0	S.W.D. down (packer)	
2/15/2007	0	0	1	0	0	0	S.W.D. down (packer)	
2/16/2007	0	0	1	0	0	0	S.W.D. down (packer)	
2/17/2007	0	0	1	0	0	0	S.W.D. down (packer)	
2/18/2007	0	0	1	0	0	0	S.W.D. down (packer)	
2/19/2007	0	0	1	0	0	0	S.W.D. down (packer)	
2/20/2007	0	0	1	0	0	0	Rig on location	
2/21/2007	0	0	1	0	0	0	resetting packer	
2/22/2007	0	0	1	0	0	0	coming on line today	
2/23/2007	450	0	204	0	0	0	back on line injecting	
2/24/2007	421	0	255	0	0	0		
2/25/2007	379	0	243	0	0	0		
2/26/2007	164	0	255	0	0	0		
2/27/2007	551	0	266	0	0	0		
2/28/2007	533	0	272	0	0	0		
3/1/2007	0	0	255	0	0	0		
3/2/2007	0	0	255	0	0	0		
3/3/2007	0	0	255	0	0	0		
TOTAL	8993	0				0		

## OIL &amp; GAS GAUGE AND PRODUCTION REPORT

## Rosetta Resources Operating, LP.

DAY BEG	COUNTY: <b>San Juan</b>		LEASE: <b>Tsah Tah SWD 36-1</b>				<b>March</b>	
	STATE: <b>NM</b>		FIELD: <b>Basin Fruitland Coal</b>				<b>2007</b>	
	WATER PROD.	GAS PROD. MCF	TUBING PRESS.	CASING PRESS.	LINE PRESS.	HOURS DOWN	REMARKS	
3/1/2007	495	0	0	0	0	271	0	
3/2/2007	485	0	0	0	0	276	0	
3/3/2007	227	0	0	0	0	186	0	changed filters
3/4/2007	233	0	0	0	0	185	0	
3/5/2007	420	0	0	0	0	264	0	changed filters
3/6/2007	501	0	0	0	0	272	0	
3/7/2007	436	0	0	0	0	205	0	changed filters
3/8/2007	298	0	0	0	0	259	0	reworked seperator...gas locking
3/9/2007	289	0	0	0	0	261	0	changed filters
3/10/2007	221	0	0	0	0	255	0	gas locked again
3/11/2007	278	0	0	0	0	258	0	
3/12/2007	435	0	0	0	0	261	0	
3/13/2007	409	0	0	0	0	263	0	changed filters
3/14/2007	413	0	0	0	0	264	0	
3/15/2007	410	0	0	0	0	265	0	
3/16/2007	400	0	0	0	0	262	0	chAnged filters
3/17/2007	233	0	0	0	0	247	0	
3/18/2007	376	0	0	0	0	252	0	changed filters
3/19/2007	365	0	0	0	0	254	0	
3/20/2007	134	0	0	0	0	124	0	Flowing to tanks.....
3/21/2007	196	0	0	0	0	205	0	
3/22/2007	187	0	0	0	0	114	0	flowing to tanks.....
3/23/2007	0	0	0	0	0	0	0	flowing to pit
3/24/2007	0	0	0	0	0	0	0	flowing to pit
3/25/2007	0	0	0	0	0	0	0	flowing to pit
3/26/2007	838	0	0	0	0	551	0	Injection pump is now runnning
3/27/2007	1223	0	0	0	0	624	0	everything is running well now
3/28/2007	1008	0	0	0	0	666	0	changed filters
3/29/2007	1121	0	0	0	0	463	0	frozen at flow meter had to thaw
3/30/2007	1221	0	0	0	0	599	0	
3/31/2007	1303	0	0	0	0	767	0	
TOTAL	14155	0					0	

## OIL &amp; GAS GAUGE AND PRODUCTION REPORT

## Rosetta Resources Operating, LP.

DAY BEG	COUNTY: <b>San Juan</b>		LEASE: <b>Tsah Tah SWD 36-1</b>				<b>April</b>	
	STATE: <b>NM</b>		FIELD: <b>Tsah Tah</b>				<b>2007</b>	
	WATER PROD.	GAS PROD. MCF	TUBING PRESS.	CASING PRESS.	LINE PRESS	HOURS DOWN	REMARKS	
4/1/2007	1329	0	0	842	0	0		
4/2/2007	1121	0	0	774	0	0	picked up more filters...5 micron	
4/3/2007	1207	0	0	845	0	0	increswd flo to 1100 bbls a day	
4/4/2007	1108	0	0	849	0	0	changed filters fuel unit	
4/5/2007	1098	0	0	842	0	0	o.c.d.verified kills monica gave us ok	
4/6/2007	990	0	0	770	0	0		
4/7/2007	875	0	0	690	0	0		
4/8/2007	523	0	0	523	0	0		
4/9/2007	494	0	0	818	0	0		
4/10/2007	1273	0	0	848	0	0		
4/11/2007	864	0	0	790	0	0		
4/12/2007	978	0	0	847	0	0		
4/13/2007	979	0	0	851	0	0		
4/14/2007	977	0	0	848	0	0		
4/15/2007	870	0	0	849	0	0		
4/16/2007	1121	0	0	779	0	0		
4/17/2007	734	0	0	831	0	0		
4/18/2007	745	0	0	852	0	0		
4/19/2007	769	0	0	841	0	0		
4/20/2007	777	0	0	855	0	0		
4/21/2007	761	0	0	852	0	0		
4/22/2007	745	0	0	851	0	0		
4/23/2007	808	0	0	856	0	0		
4/24/2007	741	0	0	845	0	0		
4/25/2007	895	0	0	791	0	0		
4/26/2007	701	0	0	736	0	0		
4/27/2007	725	0	0	813	0	0		
4/28/2007	732	0	0	803	0	0		
4/29/2007	707	0	0	745	0	0		
4/30/2007	214	0	0	543	0	0		
5/1/2007	0	0	0	0	0	0		
							Signature	
TOTAL	25861	0				0		

## OIL &amp; GAS GAUGE AND PRODUCTION REPORT

## Rosetta Resources Operating, LP.

DAY BEG	COUNTY: <b>San Juan</b>		LEASE: <b>Tsah Tah SWD 36-1</b>				<b>May</b>	
	STATE: <b>NM</b>		FIELD: <b>Tsah Tah</b>				<b>2007</b>	
	WATER PROD.	GAS PROD. MCF	TUBING PRESS.	CASING PRESS.	LINE PRESS.	HOURS DOWN	REMARKS	
5/1/2007	353	0	0	532	0	0		
5/2/2007	579	0	0	648	0	0	installed new generator	
5/3/2007	342	0	0	522	0	0		
5/4/2007	567	0	0	701	0	0		
5/5/2007	676	0	0	667	0	0		
5/6/2007	604	0	0	784	0	0		
5/7/2007	520	0	0	726	0	0		
5/8/2007	526	0	0	657	0	0	honnren repaired generator	
5/9/2007	510	0	0	719	0	0		
5/10/2007	532	0	0	729	0	0		
5/11/2007	526	0	0	732	0	0		
5/12/2007	517	0	0	731	0	0		
5/13/2007	514	0	0	709	0	0		
5/14/2007	514	0	0	633	0	0		
5/15/2007	476	0	0	679	0	0		
5/16/2007	436	0	0	664	0	0		
5/17/2007	488	0	0	661	0	0		
5/18/2007	515	0	0	585	0	0		
5/19/2007	512	0	0	621	0	0		
5/20/2007	476	0	0	611	0	0		
5/21/2007	977	0	0	623	0	0		
5/22/2007	644	0	0	756	0	0	installed building over well head	
5/23/2007	642	0	0	804	0	0		
5/24/2007	658	0	0	611	0	0		
5/25/2007	514	0	0	778	0	0		
5/26/2007	612	0	0	757	0	0		
5/27/2007	777	0	0	734	0	0		
5/28/2007	803	0	0	721	0	0		
5/29/2007	810	0	0	778	0	0		
5/30/2007	772	0	0	811	0	0		
5/31/2007	847	0	0	821	0	0		
							<b>Signature</b>	
TOTAL	18239	0				0		

## OIL &amp; GAS GAUGE AND PRODUCTION REPORT

**Rosetta Resources Operating, LP.**

DAY BEG	COUNTY: <b>San Juan</b>		LEASE: <b>Tsah Tah SWD 36-1</b>				June	
	STATE: <b>NM</b>		FIELD: <b>Tsah Tah</b>				2007	
	WATER PROD.	GAS PROD. MCF	TUBING PRESS	CASING PRESS.	LINE PRESS.	HOURS DOWN	REMARKS	
6/1/2007	778	0	0	0	851	0		
6/2/2007	821	0	0	0	843	0		
6/3/2007	740	0	0	0	855	0		
6/4/2007	732	0	0	0	857	0		
6/5/2007	236	0	0	0	811	0	opened line to pit for one day to let tanks catch back up	
6/6/2007	883	0	0	0	831	0	flowing back to tanks today	
6/7/2007	803	0	0	0	761	0		
6/8/2007	789	0	0	0	725	0		
6/9/2007	813	0	0	0	778	0		
6/10/2007	619	0	0	0	805	0		
6/11/2007	648	0	0	0	719	0		
6/12/2007	681	0	0	0	803	0		
6/13/2007	469	0	0	0	578	0	shut in for water needed to frac	
6/14/2007	0	0	0	0	503	0	water flowing to pit to be used on frac job at the swd 11	
6/15/2007	0	0	0	0	468	0		
6/16/2007	0	0	0	0	435	0		
6/17/2007	0	0	0	0	402	0	diverted water back to disposal	
6/18/2007	374	0	0	0	482	0		
6/19/2007	895	0	0	0	629	0		
6/20/2007	896	0	0	0	615	0		
6/21/2007	867	0	0	0	625	0		
6/22/2007	856	0	0	0	634	0		
6/23/2007	891	0	0	0	641	0		
6/24/2007	898	0	0	0	682	0		
6/25/2007	900	0	0	0	858	0		
6/26/2007	781	0	0	0	849	0		
6/27/2007	816	0	0	0	859	0		
6/28/2007	782	0	0	0	867	0		
6/29/2007	780	0	0	0	859	0		
6/30/2007	379	0	0	0	640	0		
7/1/2007	0	0	0	0	0	0		
							Signature	
TOTAL	19127	0				0		

## OIL &amp; GAS GAUGE AND PRODUCTION REPORT

## Rosetta Resources Operating, LP.

DAY BEG	COUNTY: San Juan		LEASE: Tsah Tah SWD 36-1				July	
	STATE: NM		FIELD: Tsah Tah				2007	
	WATER PROD.	GAS PROD. MCF	TUBING PRESS.	CASING PRESS.	LINE PRESS.	HOURS DOWN	REMARKS	
7/1/2007	654	0	0	531	0	0		
7/2/2007	841	0	0	603	0	0		
7/3/2007	766	0	0	611	0	0		
7/4/2007	24	0	0	521	0	0		
7/5/2007	599	0	0	606	0	0		
7/6/2007	613	0	0	654	0	0		
7/7/2007	655	0	0	713	0	0		
7/8/2007	549	0	0	742	0	0		
7/9/2007	0	0	0	0	0	0	diverting water to swd#11	
7/10/2007	0	0	0	0	0	0	diverting water to swd#11	
7/11/2007	0	0	0	0	0	0	diverting water to swd#11	
7/12/2007	0	0	0	0	0	0	diverting water to swd#11	
7/13/2007	0	0	0	0	0	0	diverting water to swd#11	
7/14/2007	0	0	0	0	0	0	diverting water to swd#11	
7/15/2007	880	0	0	815	0	0	diverting water to swd#11	
7/16/2007	566	0	0	813	0	0	diverting water to swd#11	
7/17/2007	388	0	0	770	0	0	diverting water to swd#11	
7/18/2007	423	0	0	538	0	0	diverting water to swd#11	
7/19/2007	7	0	0	471	0	0	diverting water to swd#11	
7/20/2007	0	0	0	0	0	0		
7/21/2007	0	0	0	0	0	0		
7/22/2007	0	0	0	0	0	0		
7/23/2007	0	0	0	0	0	0		
7/24/2007	0	0	0	0	0	0		
7/25/2007	0	0	0	0	0	0		
7/26/2007	0	0	0		0	0		
7/27/2007	456	0	0	631	0	0		
7/28/2007	577	0	0	774	0	0		
7/29/2007	539	0	0	732	0	0		
7/30/2007	1084	0	0	699	0	0		
7/31/2007	305	0	0	811	0	0		
							Signature	
TOTAL	9926	0				0		

## OIL &amp; GAS GAUGE AND PRODUCTION REPORT

## Rosetta Resources Operating, LP.

DAY BEG.	COUNTY: <b>San Juan</b>		LEASE: <b>Tsah Tah SWD 36-1</b>				<b>August</b>	
	STATE: <b>NM</b>		FIELD: <b>Tsah Tah</b>				<b>2007</b>	
	WATER PROD	GAS PROD. MCF	TUBING PRESS.	CASING PRESS.	LINE PRESS.	HOURS DOWN	REMARKS	
8/1/2007	524	0	0	675	0	0		
8/2/2007	488	0	0	613	0	0		
8/3/2007	477	0	0	567	0	0		
8/4/2007	498	0	0	509	0	0		
8/5/2007	46	0	0	423	0	0		
8/6/2007	47	0	0	417	0	0	shut in for turbine repair	
8/7/2007	473	0	0	1	0	0	shut in for turbine repair	
8/8/2007	0	0	0	0	0	0	shut in for turbine repair	
8/9/2007	0	0	0	0	0	0	shut in for turbine repair	
8/10/2007	0	0	0	0	0	0	shut in for turbine repair	
8/11/2007	0	0	0	0	0	0	shut in for turbine repair	
8/12/2007	0	0	0	0	0	0	shut in for turbine repair	
8/13/2007	0	0	0	0	0	0	all water diverted to swd 11	
8/14/2007	0	0	0	0	0	0	all water diverted to swd 11	
8/15/2007	0	0	0	0	0	0	all water diverted to swd 11	
8/16/2007	0	0	0	0	0	0	all water diverted to swd 11	
8/17/2007	0	0	0	0	0	0	all water diverted to swd 11	
8/18/2007	0	0	0	0	0	0	all water diverted to swd 11	
8/19/2007	0	0	0	0	0	0	all water diverted to swd 11	
8/20/2007	0	0	0	0	0	0	all water diverted to swd 11	
8/21/2007	0	0	0	0	0	0	all water diverted to swd 11	
8/22/2007	0	0	0	0	0	0	all water diverted to swd 11	
8/23/2007	0	0	0	0	0	0	all water diverted to swd 11	
8/24/2007	0	0	0	0	0	0	all water diverted to swd 11	
8/25/2007	0	0	0	0	0	0	all water diverted to swd 11	
8/26/2007	0	0	0	0	0	0	all water diverted to swd 11	
8/27/2007	0	0	0	0	0	0	all water diverted to swd 11	
8/28/2007	0	0	0	0	0	0	all water diverted to swd 11	
8/29/2007	739	0	0	271	0	0		
8/30/2007	0	0	0	0	0	0		
8/31/2007	0	0	0	0	0	0		
							<b>Signature</b>	
TOTAL	3292	0				0		

## OIL &amp; GAS GAUGE AND PRODUCTION REPORT

## Rosetta Resources Operating, LP.

DAY BEG.	COUNTY: <b>San Juan</b>		LEASE: <b>Tsah Tah SWD 36-1</b>				September	
	STATE: <b>NM</b>		FIELD: <b>Tsah Tah</b>				2007	
	WATER PROD.	GAS PROD. MCF	TUBING PRESS	CASING PRESS.	LINE PRESS.	HOURS DOWN	REMARKS	
9/1/2007	887	0	0	354	0	0		
9/2/2007	835	0	0	371	0	0		
9/3/2007	833	0	0	366	0	0		
9/4/2007	821	0	0	355	0	0		
9/5/2007	848	0	0	369	0	0		
9/6/2007	836	0	0	369	0	0		
9/7/2007	821	0	0	365	0	0		
9/8/2007	801	0	0	372	0	0		
9/9/2007	773	0	0	371	0	0		
9/10/2007	810	0	0	387	0	0		
9/11/2007	703	0	0	401	0	0		
9/12/2007	688	0	0	389	0	0		
9/13/2007	537	0	0	393	0	0		
9/14/2007	778	0	0	402	0	0		
9/15/2007	941	0	0	388	0	0		
9/16/2007	1033	0	0	410	0	0		
9/17/2007	1048	0	0	488	0	0		
9/18/2007	949	0	0	534	0	0		
9/19/2007	794	0	0	507	0	0		
9/20/2007	698	0	0	511	0	0		
9/21/2007	702	0	0	513	0	0		
9/22/2007	697	0	0	481	0	0	DIVERTED ALL WTR TO SWD #11 DUE TO FIELD POWER OUTAGE...	
9/23/2007	435	0	0	435	0	0		
9/24/2007	887	0	0	514	0	0		
9/25/2007	1090	0	0	555	0	0		
9/26/2007	637	0	0	489	0	0		
9/27/2007	851	0	0	439	0	0		
9/28/2007	771	0	0	468	0	0		
9/29/2007	526	0	0	455	0	0		
9/30/2007	317	0	0	469	0	0		
10/1/2007	0	0	0	0	0	0		
							Signature	
TOTAL	23347	0				0		