

**WALSH**

ENGINEERING &amp; PRODUCTION CORP.

Petroleum Engineering Consulting  
Lease Management  
Contract Pumping7415 East Main  
Farmington, New Mexico 87402  
(505) 327-4892 • Fax (505) 327-9834

Date: June 27, 2007

30-045-34082

To: Rosetta Resources  
c/o Walsh Engineering & Prod. Corp.  
7415 East Main Street  
Farmington, NM 87402Re: Tsah Tah SWD #11  
Directional SurveyBelow is the directional survey for the Tsah Tah SWD #11, 970' FSL & 1510' FWL, Section 11, T24N,  
R10W.

Depth	Degree
507'	0.75
1000'	1.00
1525'	1.00
2019'	1.75
2510'	1.00
3004'	1.25
3500'	1.75
4029'	0.75
4494'	1.25

**Acknowledgement**

STATE OF NEW MEXICO )

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COUNTY OF SAN JUAN )

Signed & Acknowledged By: West HahnWest Hahn Title: Production Foreman  
Thompson Engineering & Prod. Corp.The foregoing instrument was acknowledged before me this 27<sup>th</sup> day of June, 2007My commission expires: 08/04/08[Signature]  
Notary Public