

IGT

WINTERSHALL CORPORATION
UTE MTN. UTE 34-11
SEC. 34, T31N-R14W
SAN JUAN COUNTY, NEW MEXICO

INTERMOUNTAIN GEO-TECH, INC.
P. O. BOX 158
DELTA, CO 81416

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(1) COPY, FINAL MUDLOG (FULLSIZE)	
(1) COPY, FINAL MUDLOG (HALFSIZE)	
DRILLING CONTRACTOR:	AZTEC WELL SERVICE OOMPANY #301 AZTEC, NEW MEXICCO
DRILLING FOREMAN:	MR. RALPH SLOANE
PUSHER:	MR. JOHNNY VALENCIO MR. CHUCK ESSER
GEO TECHNOLOGISTS:	MR. NICK LARKIN - MR. DALE LOCKHART INTERMOUNTAIN GEO-TECH, INC. P. O. BOX 158 DELTA, CO 81416
DRILLING FLUID:	MR. CARROLL HART MUSTANG DRILLING FLUIDS VERNAL, UT
WIRE LINE LOGS:	MR. PETE HOWARD SCHLUMBERGER FARMINGTON, NEW MEXICO
GEOLOGIST:	MR. RIC KOPP WINTERSHALL CORPORATION DENVER, CO

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SUMMARY OF DAILY ACTIVITY

DATE	ACTIVITY	MIDNITE DEPTH	24 HOUR FOOTAGE
9/16/87	IGT UNIT #2 ON LOC, RIG UP, DRLG	--	--
9/17/87	CEMENTING, WOC, PT BOP, TIH, DRLG	245'	270'
9/18/87	DRLG, SURV, DRLG, SURV, DRLG, SURV, DRLG, SURV, DRLG	515'	601'
9/19/87	DRLG, SURV, DRLG, SURV, LOST CIRC 1595', DRLG, SURV, DRLG, SURV, DRLG	1116'	921'
9/20/87	DRLG, SURV, DRLG, SURV, DRLG, SURV, DRLG, SU SURV, DRLG	2037'	718'
9/21/87	DRLG, SURV, DRLG, SURV, DRLG, SURV, DRLG, SURV, DRLG	2755'	769'
9/22/87	DRLG, SURV, DRLG, SURV, DRLG, SURV, DRLG, SURV, TOH NB #3	3524'	526'
9/23/87	TIH, DRLG, TOH, HOLE IN PIPE, TIH, DRLG, LOST CIRC, TOH, TIH, DRLG	4050'	309'
9/24/87	DRLG, SURV, DRLG, SURV, DRLG, TOH, HOLE IN PIPE TIH, DRLG, TOH	4359'	556'
9/25/87	STABILIZER, TIH, DRLG, SURV, DRLG, SURV, DRLG, SURV, DRLG, SURV	4915'	287'
9/26/87	DRLG, SURV, DRLG, SURV, DRLG, SURV, DRLG	5202'	392'
9/27/87	DRLG, SURV, DRLG, TD, CIRC FOR "E" LOGS	5594'	231'
9/28/87	LOGGING, IGT UNIT #2 RELEASED	5825'	--

WELL NAME: UTE MTN. UTE 34-11 LOCATION: SEC. 34, T31N-R14W

COMPANY NAME: WINTERSHALL CORPORATION SECTION: SAN JUAN COUNTY, NM

[illegible]

INTERMOUNTAIN GEO-TECH, INC.
P. O. BOX 158 DELTA, CO 81416

BIT RECORD

WELL NAME UTE MTN, UTE 34-11COUNTY SAN JUAN STATE UTAH

DEPTH	DEVIATION	DEPTH	DEVIATION	DEPTH	DEVIATION	DEPTH	DEVIATION
115'	$\frac{1}{2}^{\circ}$	2117'	$2\frac{1}{2}^{\circ}$	4872'	4°		
210'	$\frac{3}{4}^{\circ}$	2209'	$2\frac{1}{2}^{\circ}$	4940'	$4\frac{1}{4}^{\circ}$		
494'	$1\frac{1}{4}^{\circ}$	2294'	3°	4975'	4°		
703'	2°	2356'	$2\frac{3}{4}^{\circ}$	5029'	4°		
797'	$1\frac{3}{4}^{\circ}$	2450'	$2\frac{1}{2}^{\circ}$	5153'	4°		
884'	$2\frac{1}{2}^{\circ}$	2544'	$2\frac{1}{4}^{\circ}$	5214'	$3\frac{1}{2}^{\circ}$		
914'	$2\frac{1}{4}^{\circ}$	2635'	2°	5351'	$3\frac{1}{2}^{\circ}$		
945'	$1\frac{3}{4}^{\circ}$	2740'	2°	5466'	$3\frac{1}{2}^{\circ}$		
975'	$1\frac{3}{4}^{\circ}$	2867'	$2\frac{1}{2}^{\circ}$	5560'	$2\frac{3}{4}^{\circ}$		
1008'	2°	2991'	$2\frac{1}{2}^{\circ}$	5693'	$2\frac{1}{2}^{\circ}$		
1106'	2°	3115'	2°				
1168'	2°	3230'	$2\frac{1}{4}^{\circ}$				
1262'	2°	3355'	$2\frac{1}{4}^{\circ}$				
1325'	2°	3481'	2°				
1388'	$2\frac{1}{2}^{\circ}$	3608'	2°				
1420'	2°	3740'	$2\frac{1}{4}^{\circ}$				
1451'	$2\frac{1}{2}^{\circ}$	3855'	$2\frac{1}{2}^{\circ}$				
1504'	$2\frac{1}{2}^{\circ}$	3945'	$2\frac{3}{4}^{\circ}$				
1575'	3°	4005'	3°				
1636'	3°	4081'	$2\frac{3}{4}^{\circ}$				
1670'	$2\frac{1}{2}^{\circ}$	4173'	$2\frac{3}{4}^{\circ}$				
1730'	3°	4257'	$2\frac{3}{4}^{\circ}$				
1793'	$3\frac{1}{4}^{\circ}$	4350'	$2\frac{1}{4}^{\circ}$				
1823'	$3\frac{1}{4}^{\circ}$	4514'	$2\frac{1}{2}^{\circ}$				
1855'	3°	4605'	$2\frac{3}{4}^{\circ}$				
1918'	$2\frac{1}{2}^{\circ}$	4748'	$3\frac{1}{4}^{\circ}$				
2022'	$2\frac{1}{4}^{\circ}$	4810'	$3\frac{1}{4}^{\circ}$				

INTERMOUNTAIN GEO-TECH, INC.
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303-874-7762

DEVIATION SURVEYS

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 SAN JUAN COUNTY, NEW MEXICO

FORMATION TOPS

<u>FORMATION</u>	<u>E LOGS</u>	<u>SAMPLE TOP</u>	<u>SUBSEA</u>
KIRTLAND	SURFACE	SURFACE	SURFACE
FRUITLAND	571'	480'	+5076'
PICTURED CLIFF	885'	790'	+4766'
LEWIS SHALE	1030'	918'	+4638'
CLIFFHOUSE	2425'	2410'	+3146'
MENEFEE	2635'	2586'	+2970'
POINT LOOKOUT	3330'	3206'	+2350'
MANCOS	3683'	3652'	+1904'
GALLUP	4666'	4666'	+ 890'
GREENHORN	5426'	5420'	+ 136'
GRANCROS	5500'	5490'	+ 66'
DAKOTA	5549'	5552'	+ 04'
MORRISON	5775'	5784'	- 228'