



ROCKY MOUNTAIN GEO-ENGINEERING CO.

WELL SITE GEOLOGY — MUD LOGGING

2450 INDUSTRIAL BLVD.

PHONE 243-3044

GRAND JUNCTION, COLORADO 81505

December 29, 1988

Wintershall Corporation
5251 DTC Parkway, Suite #500
Englewood, Colorado 80111

ATTN: RIC KOPP

Enclosed are the final logs on your Ute Mountain Tribal 27-22 Basin Dakota well located in Section 27, T31N, R14W of San Juan County, New Mexico.

We appreciated the opportunity to serve you. If we can be of any further assistance in the final evaluation of zones encountered, please feel free to contact us.

We are looking forward to working with you again in the near future. We thank you, again.

Respectfully,

Andy Kelley
President

AWK:jl

ENC: 3 FINAL LOGS
XXC: 2-MAXUS EXPL., STAN WHITE, DENVER:
1-O&G CONSV. COMM, DENVER;
1-BLM, DURANGO;
1-BUREAU OF INDIAN AFFAIRS, TOWACO, CO;
1-UTE MTN UTE TRIBE, JUDY KNIGHT, TOWACO;
1-O&G CONSV COMM; AZTEC, NM;
1-WINTERSHALL CORP., FREK CLAUSSEN, TOWACO

DEC 30 1988
N. DIV. J
ACT. 3

WELL SUMMARY

The Wintershall Corporation's Ute Mountain Tribal #27-22 Basin Dakota well in Section 27, T31N, R14W of San Juan County, New Mexico. The well was spudded on December 3, 1988 and drilled to a depth of 275' where 8 5/8" casings was set. Due to a deviation of 6½°, the well was plugged and the rig was moved 10' to the west. The rig was moved and the well was spudded again on December 5, 1988. At 275' a string of 8 5/8" casing was set on December 7 and drilling was resumed on December 8, 1988. Due to a high degree of dip of the formations, drilling proceeded slowly to try to control the degree of deviation with numerous bit trips.

The top of the objective Dakota Formation was drilled on December 22, 1988 and the well was drilled to a total depth of 4656' and on December 23, 1988 60' into the Morrison Formation. Electric logs were run on the 23rd and the decision to set pipe on this well was made on December 24, 1988.

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BIT RECORD

WELL NAME: UTE TRIBAL #27-22

ELEVATION: 5652' G.L. 5664' K.B.

COMPANY: WINTERSHALL CORP.

SECTION: 27 - T31N - R14W

CONTRACTOR: AZTEC RIG # 124

COUNTY & STATE: SAN JUAN CO. NEW MEXICO

SPUD DATE: 12/3/88

T.D. DATE: 12/23/88

[illegible]

DEVIATION SURVEY

COMPANY NAME: WINTERSHALL CORP. COUNTY: SAN JUAN

WELL NAME: UTE TRIBAL #27-22 STATE: NEW MEXICO

DEPTH	DEV.	DIR.	DEPTH	DEV.	DIR.	DEPTH	DEV.	DIR.
100	1/2		2176	7		4159	20 1/2	
275	6 3/4		2268	6 1/2		4351	19 3/4	
275	3		2363	7		4414	20	
313	2 1/2		2425	7 1/2		4496	21	
371	MISRUN		2485	8				
402	3		2549	7 1/2				
490	3		2610	7 1/2				
610	3 1/2		2694	9 3/4				
710	4 1/2		2766	10 1/4				
800	4 1/2		2828	11 1/2				
862	4 3/4		2890	12				
918	4 3/4		2953	12				
946	5		3003	11 3/4				
1003	5		3064	11 3/4				
1065	5 1/4		3125	12 1/4				
1107	5		3185	12 3/4				
1194	5 1/4		3246	13 1/4				
1284	5 1/2		3308	12 3/4				
1374	5 3/4		3408	13 1/4				
1468	5 3/4		3489	14				
1561	5 3/4		3588	16				
1650	6		3680	17 1/2				
1744	6 1/4		3763	19 1/2				
1838	6 1/2		3833	20 3/4				
1927	6 1/2		3885	21				
2020	6 1/2		3985	21				
2114	7		4106	21				