

DEVIATION REPORT

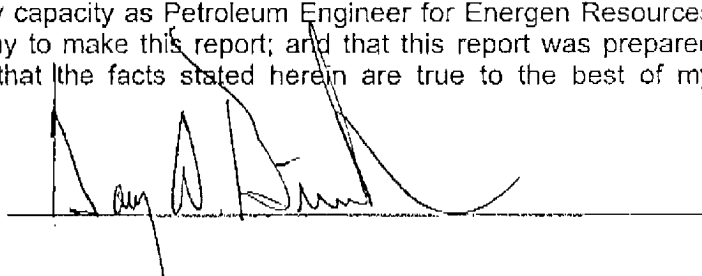
Name of Company	Address
ENERGEN RESOURCES CORPORATION	2198 BLOOMFIELD HWY, FARMINGTON, NM 87401

Lease Name & Number	Unit Letter	Section	Township	Range
San Juan 32-5 Unit #1R	P	19	32N	5W

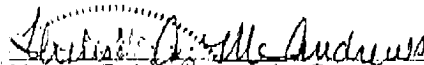
Pool and Formation	API Number	County
Blanco Mesaverde - 72319	30-039-26427	Rio Arriba


Depth (Ft.)	Deviation (Degrees)
205	.50
681	.25
1143	.50
1642	.50
2143	.75
2673	.75
3199	.75
3700	1.00
FROM 3700' USED AIR HAMMER TO DRILL 6 1/4" HOLE.	
4670	1.00
6070	1.00
6110	1.00

I, the undersigned, certify that I, acting in my capacity as Petroleum Engineer for Energen Resources Corporation, am authorized by said Company to make this report; and that this report was prepared under my supervision and directions, and that the facts stated herein are true to the best of my knowledge and belief.



Subscribed and sworn to before me this 17th day of August, 2000.


 Notary Public for San Juan County, New Mexico.
 My commission expires: April 2, 2001



9. Cement Program:

Surface String: 158.5 sx Type III cement + 2% bwoc Calcium Chloride + 0.25 #/sx Cello-flake + 60.6% FW (1.41 yield = 223 cf).

Intermediate String: **Lead Cement:** 344.4 sx Type III cement + 0.25 #/sx Cello-flake + 5#/sx Gilsonite + 14% bwoc Bentonite + 1% bwoc Sodium Metasilicate + 168.7% FW. (2.9 yield = 998.8 cf) Cement to surface - 100% excess casing/hole annular volume.

Tail Cement: 100 sx Type III cement + 2% bwoc Calcium Chloride + 0.25#/sx Cello-flake + 60.6% FW. Cement to surface with 110% excess of casing/hole annulus volume (1.41 yield = 141 cf).

Production String *: 244.4 sx (35:65) POZ Class H cement + 10 #/sx CSE + 0.25#/sx Cello-Flake + 0.2% bwoc CD-32 + 5#/sx Gilsonite + 0.5% bwoc FL-52 + 6% bwoc Bentonite + 108.8% FW. The production string casing cement is designed to cover openhole section (with 60% excess) (2.13 yield = 520.6 cf).

*The cement for the 4-1/2" casing is designed to cover the openhole section to 100' above the Cliffhouse Sandstone. Circulation/Squeeze cementing will be conducted to isolate the Lewis Shale interval prior to it's completion.

Centralizer Program:

Surface: Total four (4) 1 @ 10' above shoe & top of 2nd, 4th & 6th joint

Intermediate: Total seven (7) – 10' above shoe, top of 1st, 2nd, 4th, 6th, & 8th jts & 1 jt. Above surface casing.

Production: None planned.

Turbulators: Total Three (3) – on intermediate casing at 1st jt. Below the Ojo Alamo and next 2 jts up.

10. The minimum specifications for pressure control equipment which are to be used, a schematic diagram thereof showing sizes, pressure ratings (or) API series and the testing procedure and testing frequency are enclosed within the APD packet.

11. Drilling Mud Prognosis: Surface - spud mud on surface casing.
Intermediate - spud mud generated from natural clays with gel sweeps pretreated w/LCM before entering coal interval.
Below Intermediate - air or gas drilled.