



HALLIBURTON SERVICES

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9-16: 8-331

Procedure Analysis Cementing

For: Florida Gas Exploration Company
Suite 900, Vaughn Building
Midland, Texas 79701

Re: Ross Draw No. 7
1980' FEL and 1980' FSL
Sec. 26, Twn. 26S, Rng. 30E
Eddy County, New Mexico

The purpose of this analysis is to recommend the equipment and materials for cementing the various casing strings in the referenced well.

Conductor Pipe: ~~13 3/8" casing x 20" hole set at 30'~~
1st Intermediate (~~Recommend that ready mix be used to cement this string.~~)

Surface Casing: 9 5/8" casing x 12 1/4" hole set at 3,600'
(With cement circulated. Recommend circulating cement using 100% excess at above conditions. If lost circulations conditions occur while drilling, it is recommended that 200 sacks of Class "C" Thixset cement containing 2% calcium chloride, 10 pounds Gilsonite, 1/4 pound Flocele per sack be on location when well is cemented.)

Pump Truck plus mileage	\$ 774.50
925 sacks Halliburton "Light" cement 2% calcium chloride/sk. 5 pounds Gilsonite/sk. 1/4 pound Flocele/sk. (Lead Cement)	5,392.27
(10.9 gals./sk. water 12.29 lbs./gal. density 2.05 cu.ft./sk. yield)	
300 sacks Class "C" cement 2% calcium chloride/sk. (Tail-in Cement)	1,543.70
(6.3 gals./sk. water 14.8 lbs./gal. density 1.32 cu.ft./sk. yield)	
Transportation on cementing materials	<u>1,205.34</u>
Cost Estimate: Truck and Materials	\$8,915.81