



# OGR OPERATING CO., INC.

TWO FIRST CITY CENTER

SUITE 1140

MIDLAND, TEXAS 79701

(915) 682-6373

April 11, 1985

Mr. Benito Gracia  
Radiation Protection Bureau  
Box 968  
Santa Fe, New Mexico 87504

Re: Radioactive source  
Mahaffey Bryan #2  
Sec 13, T-19-S, R-33-E  
Lea Co., New Mexico

Dear Mr. Garcia:

Your office was contacted by Mr. T. B. O'Brien during the week of March 18, 1985 concerning an electric logging tool belonging to Dresser Atlas which contained a Cesium 137 radioactive source that became stuck in the above captioned wellbore on March 19, 1985 while logging after drilling was completed at 5050'.

Subsequent fishing operations were successful in recovering the logging tool with the exception of a caliper arm with approximate dimension of 4" x 4-1/2" x 31" containing the Cesium 137 source. Three unsuccessful attempts were made to recover the caliper arm which was located at total depth of the drilled hole at 5050'.

After fishing operations were abandoned on March 21, 1985 the drill pipe was run to 5050' and Western Company from Hobbs, New Mexico spotted 50 sacks (59 cubic feet) Class H cement with red dye from 5050' to 4875'. The drill pipe was then pulled to 4990' and 33 cubic feet of excess cement was circulated from the hole.

The well was then completed by running a string of 5-1/2" casing, with a piece of 6"od x 18" long drill collar stock screwed onto the bottom, to TD and cementing with 350 sacks (441 cubic feet) of Class H 50:50 Poz mix cement from 4990' to 3100'. During subsequent completion operation a gamma ray-neutron electric log was run from 4990' to 3500' with no indication of abnormal radioactivity.

A stainless steel sign is being erected indicating type of source, date lost, depth cemented and name of cementing company.

Very truly yours,

A handwritten signature in cursive script that reads "Mickey Dobson".

Mickey Dobson  
Vice President, Drilling & Production

MTD:ldc

COUNTY	LEA	FIELD	Pearl	STATE	NM
OPR	OGR OPERATING	API	30-025-29153		
NO	2	LEASE	Mahaffey-Bryan	MAP	
	Sec 13, T19S, R35E	COORD			
	330 FSL, 330 FWL of Sec		4-4-31 NM		
	11 mi SE/Buckeye	SPD	3-8-85	EMP	4-9-85
CSC	8 5/8-1834-870 sx 5 1/2-4990-350 sx 2 3/8-4854	WELL CLASS: INIT D FIN DO LSE. CODE			
		FORMATION	DATUM	FORMATION	DATUM
		ID 5050 (QUEN)	PBD	4990	

IP (Queen) Perfs 4873-4968 P 69 BOPD + 63 BW. Pot based on 24 hr test. GOR TSTM; gty \*35.6

CONTRW	E.K. Drlg #3	OPRS. ELEV	3740 GR	SUBS	10
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F.R. 3-4-85  
PD 5500 RT (Queen)  
3-12-85 Drlg 2021  
3-19-85 Drlg 5050  
4-2-85 TD 5050; PBD 4990; ST  
4-22-85 TD 5050; PBD 4990; Complete  
Perf (Queen) 4873-4891 \*w/9 shots  
\*Frac (4873-4891) 30,000 gals + 45,000# sd  
Perf \*(Penrose) 4960-4968 \*w/16 shots  
\*Frac (4960-4968) 15,000 gals + 21,500# sd  
\*LOG TOPS: Rustler 1750, Salt 1780, Yates 3355, Queen 4450  
\*LOGS RUN: GRNL, CNL, FDC  
\*Denotes changes & additions  
4-27-85 COMPLETION ISSUED  
9-7-85 RE-ISSUED COMPLETION

4-4-31 NM  
IC 30-025-70109-85