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O. C. C.  
ARTESIA, OFFICE

Big West Drilling Company

1714 COMMERCE BUILDING  
FORT WORTH, TEXAS 76102

February 19, 1971

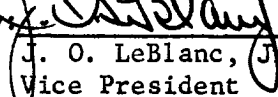
TO: PENNZOIL UNITED, INC.  
Post Office Drawer 1828  
Midland, Texas 79701

Location: Echols No. 1,  
Sec. 12, T-23-S, R-26-E,  
Field - Carlsbad, South  
Eddy County, New Mexico

EASTMAN DEVIATION RECORD

Date 1970	Depth	Degree of Deviation	Date 1971	Depth	Degree of Deviation
12-13	160	1/4	1-1	7060	1
12-14	550	1/4	1-6	7550	1 1/4
12-15	760	1/2	1-7	8040	1/4
	1100	1	1-9	8550	-0-
12-16	1200	1 1/4	1-10	8840	3/4
	1420	1 1/4	1-12	9330	3/4
	1700	1 1/2	1-14	10,000	1
12-17	1790	1 1/4	1-17	10,320	1 1/4
	2180	1	1-21	10,620	3/4
12-18	2400	3/4	1-25	10,900	1 1/4
12-19	2810	1/2	1-30	11,110	1 3/4
12-20	3300	1/2	2-2	11,350	1 1/2
12-21	3750	1/2	2-12	11,860	1 1/2
12-22	4225	1/2	2-13	11,920	1 1/4
12-23	4670	3/4			
12-24	5150	1/2			
12-26	5640	-0-			
12-27	5650	3/4			
12-28	6135	3/4			
12-30	6610	1 1/4			

BIG WEST DRILLING COMPANY

By:   
J. O. LeBlanc, Jr.  
Vice President

STATE OF TEXAS )

ss.:

COUNTY OF TARRANT )

Before me personally appeared J. O. LeBlanc, Jr., Vice President of BIG WEST DRILLING COMPANY, known to me to be the person whose name is subscribed hereto, and does hereby certify that he has personal knowledge of the data and facts placed on this form, and that such information given above is true and complete.

Sworn and Subscribed to before me this 19th day of February, 1971.