

WELL NAME AND NUMBER Rig #8 Tipperary 4-State #1

LOCATION Section 4, T17S, R37E, Lea County
(Give Unit, Section, Township and Range)

OPERATOR Tipperary Corporation

DRILLING CONTRACTOR McVay Drilling Company

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well and that he has conducted deviation tests and obtained the following results:

<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>
1/4 214	1 1/4 5,525	2 1/2 11,335
3/4 368	3/4 5,938	
1/2 650	1/2 6,411	
1/4 1,050	1/2 6,913	
1/2 1,485	1/4 7,417	
1 1/4 1,978	3/4 7,919	
1 1/4 2,345	1/2 8,265	
1 1/2 2,723	2 8,769	
1-3/4 3,132	2 8,927	
1 1/4 3,525	2 9,084	
1 3,886	2 9,272	
1 4,200	2 1/2 9,580	
1 1/2 4,457	1-3/4 10,170	
1 1/4 4,742	3/4 10,550	
1 1/4 5,120	1 1/2 11,119	

Drilling Contractor McVay Drilling Company

By: [Signature]

Subscribed and sworn to before me this 6th day of November, 1985

[Signature]
Notary Public

My Commision Expires: December 27, 1987

Lea County New Mexico

RECEIVED
NOV 18 1985
D.C.C.
HOBBS OFFICE