

O'BRIANT ENGINEERING
316 BUILDING OF THE SOUTHWEST
MIDLAND, TEXAS 79701
915 - 683-3172
915 - 683-5511

March 8, 1979

Mr. Robert N. Enfield
P. O. Box 2431
Santa Fe, New Mexico 87501

RE: Gas Well Reserve Estimates
Eddy & Chaves Counties, New Mexico

Dear Mr. Enfield:

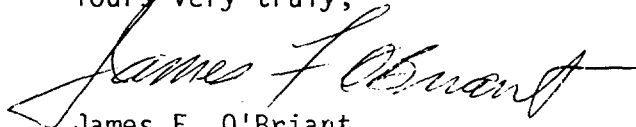
A tabulation is attached listing ultimate gas and condensate reserves. Also shown are remaining reserves as of January 1, 1977 and January 1, 1978. These results were calculated from the data contained in your letter of February 23, 1979.

A summary description of the methods used to calculate ultimate reserves follows:

- (A) Gas: Pressure versus production - graphical solution.
- (B) Condensate: Constant gas to liquid ratio (used 1977 production).

The remaining reserves maybe considered at a base pressure of 14.73 psia.

Yours very truly,


James F. O'Briant
Registered Professional Engineer

JFO:par

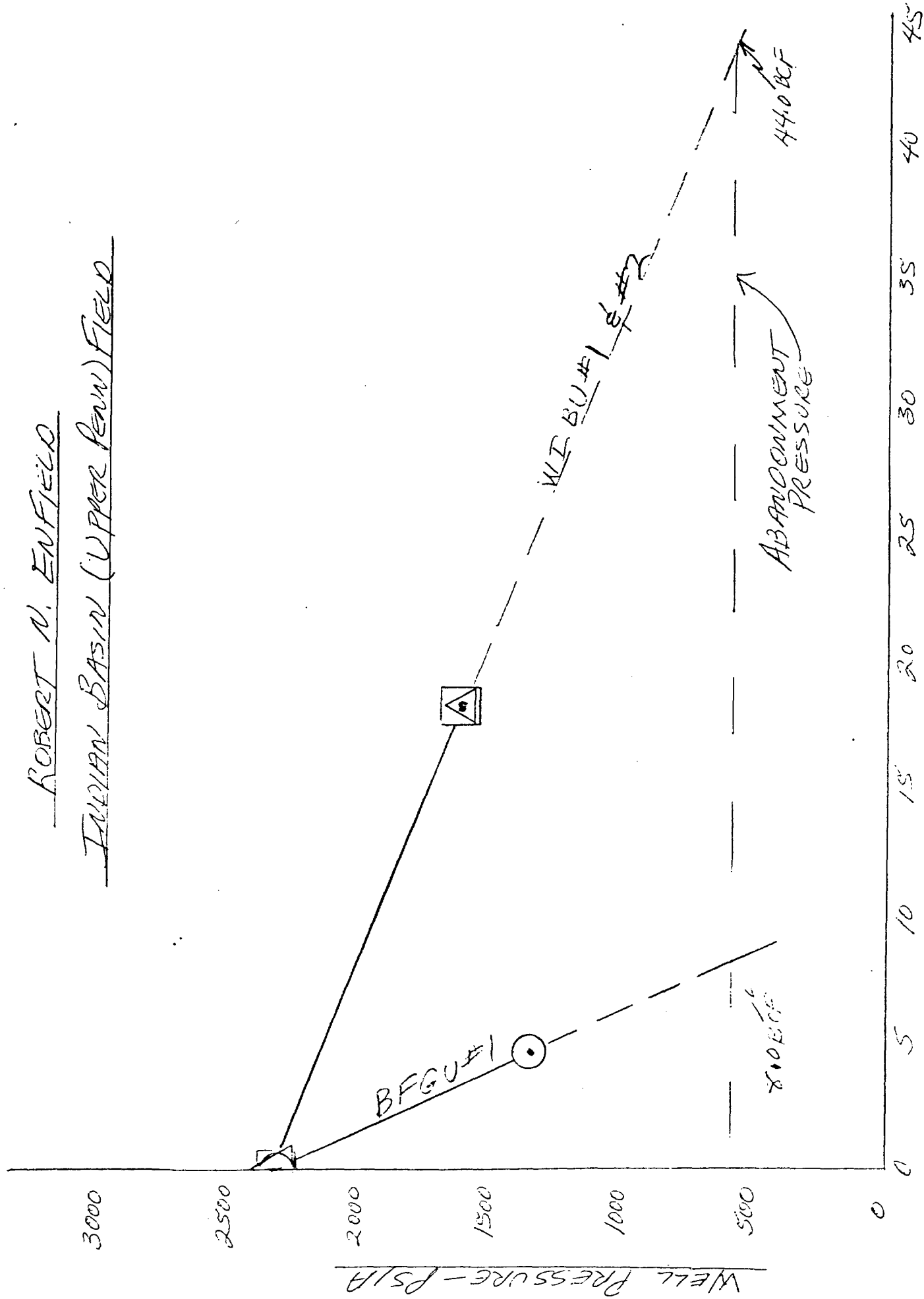
Attachments

- (1) Tabulation of ultimate and remaining reserves.
- (2) Pressure versus production graphs.

Robert N. Enfield
Exhibit No. 6
Indian Basin Field
Eddy County, NM
Case No. 8177

May 9, 1984

ROBERT N. ENFIELD
INDIAN BASIN (UPPER PENN) FIELD



Gas Production - BCF

ROBERT W. EMFIELD

RESERVE ESTIMATES: EDDY & CHARLES CARRIERS, NM

Prepared By: RWE
Approved By: JMC 3/17/78

	1		2		3		4		5		6		7		8		9		10		11		12	
	ULT. Recovery		Cumulative		Production		Remaining		Reserves															
WELL	to 11/1/77		to 11/1/78		to 11/1/78		to 11/1/77		to 11/1/78															
	GAS	COND.	GAS	COND.	GAS	COND.	GAS	COND.	GAS	COND.	GAS	COND.	GAS	COND.	GAS	COND.	GAS	COND.	GAS	COND.	GAS	COND.	GAS	COND.
	BCF	MBBLs	BCF	MBBLs	BCF	MBBLs	BCF	MBBLs	BCF	MBBLs	BCF	MBBLs	BCF	MBBLs	BCF	MBBLs	BCF	MBBLs	BCF	MBBLs	BCF	MBBLs	BCF	MBBLs
BUNNEN FLD. #1	8.000	30.0	3.860	21.5	4.095	21.6	4.110	5.5	3.905	8.4														
WEST INDIAN BASIN UNIT #1	44.000	289.0	15.364	122.3	16.942	131.5	28.636	166.7	27.058	157.5														
WEST INDIAN BASIN UNIT #2	44.000	304.1	14.849	125.1	16.703	136.5	29.151	179.0	27.297	167.6														
FEDERAL "11" #1	3.5000	14.5	1.740	8.8	2.198	10.3	1.760	5.7	1.302	4.2														
TOTALS	99.500	637.600	35.813	311.710	39.938	391.110	63.687	359.9	59.563	337.7														