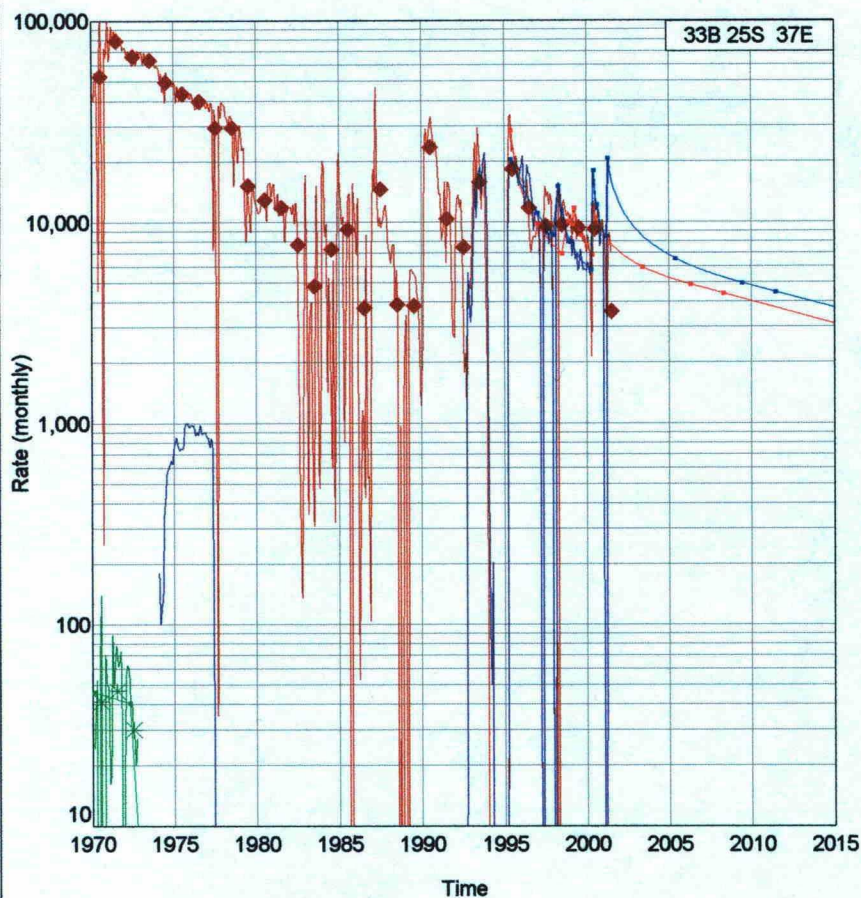
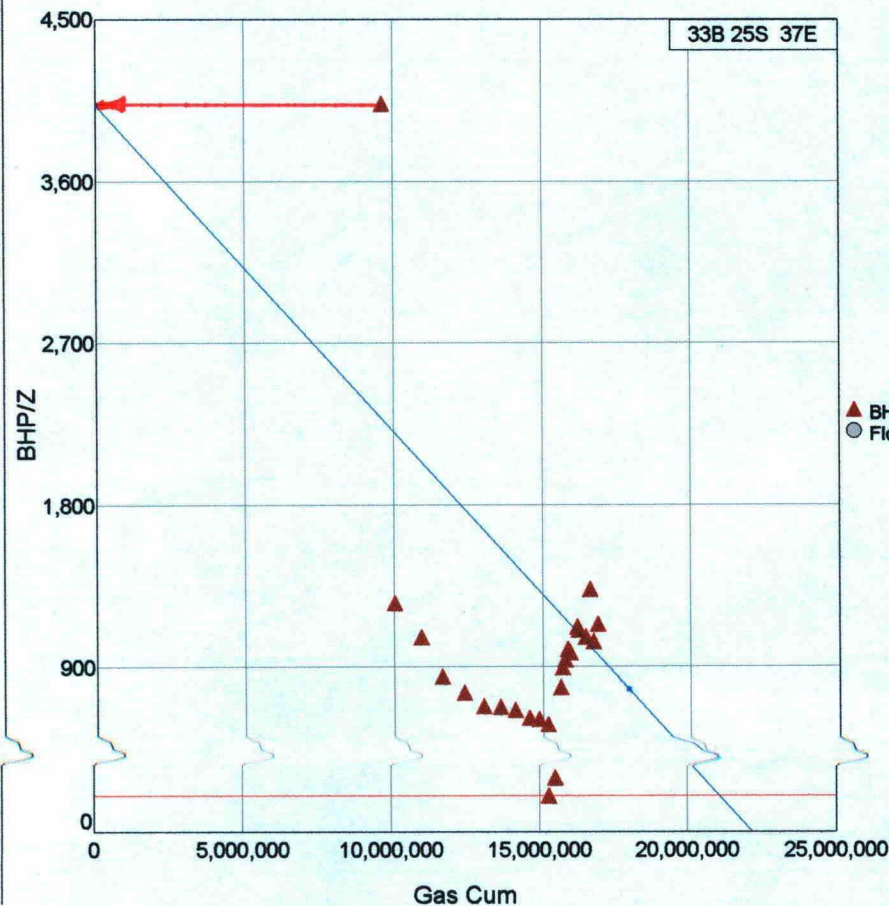


B C & D OPERATING INC - G W SHAHAN #2 (DEVONIAN)



B C & D OPERATING INC-G W SHAHAN #2 (33B 25S 37E)



Lease Name: G W SHAHAN (2)

Lease Number: 2

Lease API: 30-025-1187300

Location: 33B 25S 37E

County, ST: LEA, NM

Reservoir: DEVONIAN

OIL CONSERVATION DIVISION

CASE NUMBER

EXHIBIT 6

Reserves:

Cumulative Production at Last Production Date

Cumulative Oil	39,724	bbl
Cumulative Gas	17,756,349	mcf
Cumulative Water	1,049,893	bbl
Cumulative Inj	0	bbl

Cumulative Production at Effective Date

Cum Oil at Eff Date	39,724	bbl
Cum Gas at Eff Date	17,800,631	mcf
Cum Water at Eff Date	1,133,028	bbl
Cum Inj at Eff Date	0	bbl

Remaining Reserves

Rem Oil (Decline)	0	bbl
Rem Oil (Press)	6,927	bbl
Rem Oil (Vol)	-609	bbl
Rem Gas (Decline)	828,158	mcf
Rem Gas (Press)	3,298,473	mcf
Rem Gas (Vol)	869,795	mcf
Rem Inj (Decline)	0	bbl

Ultimate Reserves

Ult Oil (Decline)	39,724	bbl
Ult Oil (Press)	44,215	bbl
Ult Oil (Vol)	39,115	bbl
Ult Gas (Decline)	18,628,789	mcf
Ult Gas (Press)	21,054,822	mcf
Ult Gas (Vol)	18,626,144	mcf
Ult Inj (Decline)	0	bbl

Twelve Months Prior to Effective Date

Prior Twelve Months Oil	0	bbl
Prior Twelve Months Gas	87,382	mcf
Prior Twelve Months Water	155,655	bbl
Prior Twelve Months Injection	0	bbl

Crosby Field
T25S,R37E Lea Co., New Mexico
Chaparral Energy, Inc.

Lease Name: G W SHAHAN (2)
Lease Number: 2
Location: 33B 25S 37E
County, ST: LEA, NM
Reservoir: DEVONIAN

General Volumetrics:

Water Saturation: 25.00 %
Porosity: 11.44 %
Drainage Acres: 404 acres
Zone Net Pay: 55.0 feet
Zone Temperature: 130.0 F
Zone Pressure: 3428 psia
Zone Depth: 8184 feet
Surface Temperature: 60.0 F

Gas Volumetrics:

Gas Gravity: 0.660
Condensate: Yes
N2 Content: 0.00 %
CO2 Content: 0.00 %
H2S Content: 0.00 %
Abandonment Pressure: 200 psia
Yield: 0.0021 bbl / mcf

Volumetric Calculations:

Zi: 0.8498
Gas In Place: 19,624,091 mcf
Ultimate Gas: 18,626,144 mcf
Prior Gas: 17,756,349 mcf
Remaining Gas: 869,795 mcf
Oil In Place: 41,211 bbl
Ultimate Oil: 39,115 bbl
Prior Oil: 39,724 bbl
Remaining Oil: -609 bbl
Drainage Radius: 2,368 feet
Recovery: 94.91 %