

BIG BEAR ATN 2
29 155 35E S2 NW SW
LEA COUNTY, NM
BIG DOG ATOKA

DATE: 12/29/03
TIME: 11:07:23
FILE: YPCOP
PROP: 2067
STID: BASE
CMD: CURRENT:
OUT: SAMPLE

R E S E R V E S A N D E C O N O M I C S

LOE GROUP 00031 DHC % 0.74

AS OF JANUARY 1, 2003

YATES PETROLEUM CORPORATION
3002535261

-END- MO-YR	---GROSS PRODUCTION---				---NET PRODUCTION---				--PRICES--		-----OPERATIONS, M\$-----			CAPITAL COSTS, M\$	CASH FLOW BTAX, M\$	18.00 PCT CUM. DISC BTAX, M\$
	OIL,	MBBL	GAS,	MMCF	OIL,	MBBL	GAS,	MMCF	OIL \$/B	GAS \$/M	NET OPER REVENUES	SEV+ADV TAXES	NET OPER EXPENSES			
1-03	1.469		.275		.766		.143	25.00	3.00		19.579	1.830	.479	.000	17.270	17.151
12-03	12.626		2.365		6.581		1.233	25.00	3.00		168.224	15.728	5.267	.000	147.229	151.755
12-04	8.457		1.585		4.408		.826	25.00	3.00		112.678	10.536	5.746	.000	96.396	226.958
12-05	5.074		.950		2.645		.495	25.00	3.00		67.610	6.321	5.746	.000	55.543	263.680
12-06	3.044		.571		1.587		.298	25.00	3.00		40.569	3.794	5.746	.000	31.029	281.065
12-07	1.827		.342		.952		.178	25.00	3.00		24.334	2.275	5.746	.000	16.313	288.811
12-08	1.096		.205		.571		.107	25.00	3.00		14.596	1.365	5.746	.000	7.485	291.823
12-09	.658		.123		.343		.064	25.00	3.00		8.767	.819	5.746	19.413	-17.211	286.480
S TOT	34.251		6.416		17.853		3.344	25.00	3.00		456.357	42.668	40.222	19.413	354.054	286.480
REM.	.000		.000		.000		.000	.00	.00		.000	.000	.000	.000	.000	286.480
TOTAL	34.251		6.416		17.853		3.344	25.00	3.00		456.357	42.668	40.222	19.413	354.054	286.480
CUM.	62.276		32.685													
ULT.	96.527		39.101													
-----PRESENT WORTH PROFILE-----																
BTAX RATE OF RETURN (PCT)					100.00						PROJECT LIFE (YEARS)	7.000	.0	354.054	30.0	255.136
BTAX PAYOUT					02/05/2003						DISCOUNT RATE (PCT)	18.000	2.0	344.971	35.0	244.336
BTAX PAYOUT (DISC)					01/11/2003						GROSS OIL WELLS	.000	5.0	332.168	40.0	234.598
BTAX NET INCOME/INVEST					19.24						GROSS GAS WELLS	1.000	8.0	320.291	45.0	225.786
BTAX NET INCOME/INVEST (DISC)					48.01						GROSS WELLS	1.000	10.0	312.850	50.0	217.771
													12.0	305.768	60.0	203.758
INITIAL W.I. FRACTION					.647084						INITIAL NET OIL FRACTION	.521240	15.0	295.776	70.0	191.915
FINAL W.I. FRACTION					.647084						FINAL NET OIL FRACTION	.521240	18.0	286.480	80.0	181.779
PRODUCTION START DATE					1/01/03						INITIAL NET GAS FRACTION	.521240	20.0	280.640	90.0	173.001
MONTHS IN FIRST LINE					1.00						FINAL NET GAS FRACTION	.521240	25.0	267.172	100.0	165.322
WATER GROSS PROD. (MU)					.000						WATER NET PRODUCTION (MU)	.000				
BIG BEAR ATN 2																
API NUMBER 3002535261																

OGRE(R) V2.0 BTAX
FILE NAME: YPCOP (2067)
CASE NAME: BIG BEAR ATN 2
101 BIG BEAR ATN 2
102 29 155 35E S2 NW SW
103 LEA COUNTY, NM
104 BIG DOG ATOKA
105 YATES PETROLEUM CORPORATION
106 3002535261
107 LOE GROUP 00031 DHC % 0.74

D A T A R E P O R T
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-LEA -ATOKA -BIG DOG

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117 CASE \$COM
* 120 1 2003 12 1 1 2003 18 M
* 121 0 1 11

	W.I. FRACTION	OP. COST (\$/W/MO)	OP. COST (\$/MO.)	ADV. TAX (PCT)	MAJOR PH. NAME	PROD DATE (MO/DY/YR)				
210	.64708400	.00	740.00	2.000	GAS	1/01/2003				
	PHASE NAME	CUM PROD (MUNITS)	REV. INT FRACTION	PRICE (\$/UNIT)	SEV. TAX (PCT)	NO. OF WELLS	RATIO TO MAJOR PH			
221	OIL	62.276	.52123960	25.000	7.500	.0				
222	GAS	32.685	.52123960	3.000	7.500	1.0				
223	WATER	1.773	.64708400	.000	.000	.0				
	PH. NAME	CURVE TP	DECLINE%	QI RATE	QT RATE	CUM. LIMIT	(M OR Y)	CALC VALUE		
401	OIL	EXP	40.000	1500.000	X	2020.000	AD	M		
CALC	OIL	EXP	END= 40.000	1500.000	.254	17.000	YRS	M	97.507	MBBL
405	GAS	EXP	40.000	281.000	X	2020.000	AD	M		
CALC	GAS	EXP	END= 40.000	281.000	.048	17.000	YRS	M	39.285	MMCF

600 SERIES LINES:

610 DATA WATERC : 0.25 TO LIFE

	SALVAGE	INV. POINT	(G OR N)	M\$	RISK
840	ABANDON	LIFE	G	30.000	

FOOTNOTES:

901 BIG BEAR ATN 2
902 API NUMBER 3002535261
905 CUM OIL PROD AS OF 07 1 2002 = 52483
906 CUM GAS PROD AS OF 07 1 2002 = 30811
907 FIELD# 198 POOL# 28
908 AS400# 12975002
909 30025352610000
910 29 155 35E S2 NW SW

ECONOMIC LIFE (YRS): 7.000
GROSS OIL (MBBL): 34.251
GROSS GAS (MMCF): 6.416

BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Case No. 12681 Exhibit No. 5
Submitted by:
YATES PETROLEUM CORPORATION
Hearing Date: January 8, 2004