

Force Pool Summary (10/28/90)

DRAFT

Month	Amount		Totals
	<< 5400' KB	>> 5400' KB	
Feb-90	\$52,486.64		\$52,486.64
Mar-90	\$125,967.69	54233.26	\$180,200.95
Apr-90	\$27,946.93	\$30,886.86	\$58,833.79
May-90	\$100,525.98	\$110,446.74	\$210,972.72
Jun-90	\$32,248.84	\$30,714.11	\$62,962.95
Jul-90	\$23,421.75	\$64.88	\$23,486.63
Aug-90	\$16,323.81	\$5,884.11	\$22,207.92
Totals	\$378,921.64	\$232,229.96	\$611,151.60
October 1990 Material Transfers	\$9,000.00		\$9,000.00
GRAND TOTALS	\$387,921.64	\$232,229.96	\$620,151.60

FAX to

505-623-4947

FRED / SHARI

- NEXT DRAFT of Summary Sheet
- will deliver A copy of this page w/ A copy of Monthly Allocations to either SAM MARTIN or JAMES BACA as per your instructions.

Page 1

? - Call Tim OBRUAT
683-5511

Jim O'Brien
10/28/90
ca 3:40 PM

BEFORE EXAMINER STOGNER

Oil Conservation Division

CHEVRON'S Exhibit No. 4

Case No. 9998

Operator YATES ENERGY CORPORATION
 Well THORNBUSH FEDERAL NO. 1
 County, State EDDY COUNTY, NEW MEXICO

ITEM	Feb-90	TOTAL FOR
	Page 37	Feb-90
<i>Intangible Costs</i>		
Location		
Survey, permit, etc.	1,440.93	1,440.93
Legal	1,916.23	1,916.23
Damages		
Road, pad, battery construction & clean-up		
Drilling		
Footage - 9,060'		
Day work		
Drilling Fluids		
Mud, oil & chemicals		
Brine & Water		
Cement		
Surface		
Intermediate		
Production		
Services		
Open hole logs		
Testing: , Pot. test, BHP		
Pulling unit		
CBL Log, Perforating		
Formation stimulation		
Yellow jacket, PU-LD, csg. crews	1,003.44	1,003.44
Cementing		
Hauling		
Oil, water, etc.		
Equipment		
Rental		
Rotating Hd., PVT, BOP, pipe racks, etc.		
Water storage & test tanks		
Supplies		
Sample sx., pipe dope, etc.	34.18	34.18
Insurance		
Normal, pro-rated		
Supervision		
Geological & Mud Logger		
Engineering		
Overhead		
Operations		
Pumper		
Other		
Contingencies		
Welding, packers, misc. tools, etc.	24.50	24.50
<i>Total Intangibles</i>	4,419.28	4,419.28
<i>Tangible Costs:</i>		
Casing		
Surface: 375' of 13.375"	8,470.82	8,470.82
Intermediate: 2437' of 8.625"	31,674.66	31,674.66
Production: 9,477' of 5.500"		
Tubing		
9,141' of 2.375"		
Wellheads		
Drilling and completion assembly	7,921.88	7,921.88
Tank Btty.		
Oil and water storage		
Stack pack		
Separator & heater-treater		
Pumping		
Rod Pump Equipment		
Plunger Lift		
Electric Power		
Flowline		
Including valves, fittings, etc.		
Labor & dirt work:		
Miscellaneous		
Packer, tools, etc.		
<i>Total Tangibles</i>	48,067.36	48,067.36
TOTAL WELL	52,486.64	52,486.64

MONTHLY ALLOCATION OF COSTS

Operator YATES ENERGY CORPORATION
 Well THORNBUSH FEDERAL NO. 1
 County, State EDDY COUNTY, NEW MEXICO

ITEM	Feb. 1990		
	ALLOCATE TO << 5400' KB	ALLOCATE TO >> 5400' KB	TOTAL FOR Feb-90
<i>Intangible Costs</i>			
Location	Survey, permit, etc.	1,440.93	1,440.93
	Legal	1,916.23	1,916.23
	Damages		
	Road, pad, battery construction & clean-up		
Drilling	Footage - 9,060'		
	Day work		
Drilling Fluids	Mud, oil & chemicals		
	Brine & Water		
Cement	Surface		
	Intermediate		
	Production		
Services	Open hole logs		
	Testing: Pot. test, BHP		
	Pulling unit		
	CB& Log, Perforating		
	Formation stimulation		
	Yellow jacket, PU-LD, csg. crews	1,003.44	1,003.44
	Cementing		
Hauling	Oil, water, etc.		
	Equipment		
Rental	Rotating Hd., PVT, BOP, pipe racks, etc.		
	Water storage & test tanks		
Supplies	Sample sx., pipe dope, etc.	34.18	34.18
Insurance	Normal, pro-rated		
Supervision	Geological & Mud Logger		
	Engineering		
	Overhead		
Operations	Pumper		
	Other		
Contingencies	Welding, packers, misc. tools, etc.	24.50	24.50
	<i>Total Intangibles</i>	4,419.28	4,419.28
<i>Tangible Costs:</i>			
Casing	Surface: 373' of 13.375"	8,470.82	8,470.82
	Intermediate: 2437' of 8.625"	31,674.66	31,674.66
	Production: 9,477' OF 5.500"		
Tubing	9,141' of 2.375"		
Wellheads	Drilling and completion assembly	7,921.88	7,921.88
Tank Btty.	Oil and water storage		
Stack pack	Separator & heater-treater		
Pumping	Rod Pump Equipment		
	Plunger Lift		
	Electric Power		
Flowline	Including valves, fittings, etc.		
	Labor & dirt work:		
Miscellaneous	Packer, tools, etc.		
	<i>Total Tangibles</i>	48,067.36	48,067.36
	TOTAL WELL	52,486.64	52,486.64

MONTHLY ALLOCATION OF COSTS

Operator **YATES ENERGY CORPORATION**
 Well **THORNBUSH FEDERAL NO. 1**
 County, State **EDDY COUNTY, NEW MEXICO**

ITEM	Mar-90	Mar-90	TOTAL FOR
	Page 36	Page 37	Mar-90
<i>Intangible Costs</i>			
Location			
Survey, permit, etc.	79.41		79.41
Legal	2,743.45		2,743.45
Damages			
Road, pad, battery construction & clean-up	14,127.72		14,127.72
Drilling			
Footage - 9,060'			
Daywork			
Drilling Fluids			
Mud, oil & chemicals	9,457.33		9,457.33
Brine & Water	9,085.03		9,085.03
Cement			
Surface	4,372.55		4,372.55
Intermediate	11,036.01		11,036.01
Production		26,542.24	26,542.24
Services			
Open hole logs			
Testing: Pot. test, BHP			
Pulling unit			
CBL Log, Perforating			
Formation stimulation			
Yellow jacket, PU-LD, csg. crews	1,211.52	2,854.31	4,065.83
Cementing			
Hauling			
Oil, water, etc.			
Equipment			
Rental			
Rotating Hd., PVT, BOP, pipe racks, etc.			
Water storage & test tanks			
Supplies			
Sample sx., pipe dope, etc.			
Insurance			
Normal, pro-rated			
Supervision			
Geological & Mud Logger	10,739.96		10,739.96
Engineering			
Overhead			
Operations			
Pumper			
Other			
Contingencies			
Welding, packers, misc. tools, etc.	2,422.48	1,210.22	3,632.70
<i>Total Intangibles</i>	65,275.46	30,606.77	95,882.23
<i>Tangible Costs:</i>			
Casing			
Surface: 373' of 13.375"			
Intermediate: 2437' of 8.625"			
Production: 9,477' OF 5.500"		63,753.07	63,753.07
Tubing			
9,141' of 2.375"		20,565.65	20,565.65
Wellheads			
Drilling and completion assembly			
Tank Btty.			
Oil and water storage			
Stack pack			
Separator & heater-treater			
Pumping			
Rod Pump Equipment			
Plunger Lift			
Electric Power			
Flowline			
Including valves, fittings, etc.			
Labor & dirt work:			
Miscellaneous			
Packer, tools, etc.			
<i>Total Tangibles</i>		84,318.72	84,318.72
TOTAL WELL	65,275.46	114,925.49	180,200.95

MONTHLY ALLOCATION OF COSTS

Operator **YATES ENERGY CORPORATION**
 Well **THORNBUSH FEDERAL NO. 1**
 County, State **EDDY COUNTY, NEW MEXICO**

MAR. 1990

ITEM	ALLOCATE TO	ALLOCATE TO	TOTAL FOR
	<< 5400' KB	>> 5400' KB	Mar-90
<i>Intangible Costs</i>			
Location			
Survey, permit, etc.	79.41		79.41
Legal	2,743.45		2,743.45
Damages			
Road, pad, battery construction & clean-up	14,127.72		14,127.72
Drilling			
Footage - 9,060'			
Daywork			
Drilling Fluids			
Mud, oil & chemicals	9,457.33		9,457.33
Brine & Water	5,317.04	3,767.99	9,085.03
Cement			
Surface	4,372.55		4,372.55
Intermediate	11,036.01		11,036.01
Production	19,041.23	7,501.01	26,542.24
Services			
Open hole logs			
Testing: Pot. test, BHP			
Pulling unit			
CBL Log, Perforating			
Formation stimulation			
Yellow jacket, PU-LD, csg. crews	2,924.11	1,141.72	4,065.83
Cementing			
Hauling			
Oil, water, etc.			
Equipment			
Rental			
Rotating Hd., PVT, BOP, pipe racks, etc.			
Water storage & test tanks			
Supplies			
Sample sx., pipe dope, etc.			
Insurance			
Normal, pro-rated			
Supervision			
Geological & Mud Logger	3,129.00	7,610.96	10,739.96
Engineering			
Overhead			
Operations			
Pumper			
Other			
Contingencies			
Welding, packers, misc. tools, etc.	3,148.61	484.09	3,632.70
<i>Total Intangibles</i>	<i>75,376.46</i>	<i>20,505.77</i>	<i>95,882.23</i>
<i>Tangible Costs:</i>			
Casing			
Surface: 373' of 13.375"			
Intermediate: 2437' of 8.625"			
Production: 9,477' of 5.500"	38,251.84	25,501.23	63,753.07
Tubing	12,339.39	8,226.26	20,565.65
Wellheads			
Drilling and completion assembly			
Tank Btty.			
Oil and water storage			
Stack pack			
Separator & heater-treater			
Pumping			
Rod Pump Equipment			
Plunger Lift			
Electric Power			
Flowline			
Including valves, fittings, etc.			
Labor & dirt work:			
Miscellaneous			
Packer, tools, etc.			
<i>Total Tangibles</i>	<i>50,591.23</i>	<i>33,727.49</i>	<i>84,318.72</i>
TOTAL WELL	125,967.69	54,233.26	180,200.95

ALLOCATION OF COSTS

Operator **YATES ENERGY CORPORATION**
 Well **THORNBUSH FEDERAL NO. 1**
 County, State **EDDY COUNTY, NEW MEXICO**

ITEM	Apr-90	Apr-90	TOTAL FOR
	Page 36	Page 37	Apr-90
<i>Intangible Costs</i>			
Location			
Survey, permit, etc.			
Legal	(1,671.12)		(1,671.12)
Damages			
Road, pad, battery construction & clean-up		522.92	522.92
Drilling			
Footage - 9,060'			
Daywork			
Drilling Fluids			
Mud, oil & chemicals		1,544.98	1,544.98
Brine & Water	122.70	2,269.07	2,391.77
Cement			
Surface			
Intermediate			
Production			
Services			
Open hole logs	20,814.49		20,814.49
Testing: Pot. test, BHP			
Pulling unit			
CBL Log, Perforating		7,882.18	7,882.18
Formation stimulation		7,916.68	7,916.68
Yellow jacket, PU-LD, csg. crews			
Cementing		4,911.66	4,911.66
Hauling			
Oil, water, etc.			
Equipment			
Rental			
Rotating Hd., PVT, BOP, pipe racks, etc.		3,343.33	3,343.33
Water storage & test tanks		471.94	471.94
Supplies			
Sample sx., pipe dope, etc.			
Insurance			
Normal, pro-rated			
Supervision			
Geological & Mud Logger			
Engineering			
Overhead			
Operations			
Pumper			
Other			
Contingencies			
Welding, packers, misc. tools, etc.		4,858.67	4,858.67
<i>Total Intangibles</i>	19,266.07	33,721.43	52,987.50
<i>Tangible Costs:</i>			
Casing			
Surface: 373' of 13.375"	(689.25)		(689.25)
Intermediate: 2437' of 8.625"	(441.95)		(441.95)
Production: 9,477' OF 5.500"		(1,838.02)	(1,838.02)
Tubing			
9,141' of 2.375"			
Wellheads			
Drilling and completion assembly		8,679.20	8,679.20
Tank Btty.			
Oil and water storage			
Stack pack			
Separator & heater-treater			
Pumping			
Rod Pump Equipment			
Plunger Lift			
Electric Power			
Flowline			
Including valves, fittings, etc.			
Labor & dirt work:			
Miscellaneous			
Packer, tools, etc.		136.31	136.31
<i>Total Tangibles</i>	(1,131.20)	6,977.49	5,846.29
TOTAL WELL	18,134.87	40,698.92	58,833.79

ALLOCATION OF COSTS

Operator **YATES ENERGY CORPORATION**
 Well **THORNBUSH FEDERAL NO. 1**
 County, State **EDDY COUNTY, NEW MEXICO**

		APR. 1990		
ITEM		ALLOCATE TO	ALLOCATE TO	TOTAL FOR
		<< 5400' KB	>> 5400' KB	Apr-90
<i>Intangible Costs</i>				
Location	Survey, permit, etc.			
	Legal	(1,671.12)		(1,671.12)
	Damages			
	Road, pad, battery construction & clean-up	522.92		522.92
Drilling	Footage - 9,060'			
	Daywork			
Drilling Fluids	Mud, oil & chemicals		1,544.98	1,544.98
	Brine & Water		2,391.77	2,391.77
Cement	Surface			
	Intermediate			
	Production			
Services	Open hole logs	12,200.00	8,614.49	20,814.49
	Testing: Pot. test, BHP			
	Pulling unit			
	CBL Log, Perforating	2,500.00	5,382.18	7,882.18
	Formation stimulation		7,916.68	7,916.68
	Yellow jacket, PU-LD, csg. crews			
	Cementing		4,911.66	4,911.66
Hauling	Oil, water, etc.			
	Equipment			
Rental	Rotating Hd., PVT, BOP, pipe racks, etc.	3,343.33		3,343.33
	Water storage & test tanks	471.94		471.94
Supplies	Sample sx., pipe dope, etc.			
Insurance	Normal, pro-rated			
Supervision	Geological & Mud Logger			
	Engineering			
	Overhead			
Operations	Pumper			
	Other			
Contingencies	Welding, packers, misc. tools, etc.	1,792.74	3,065.93	4,858.67
	<i>Total Intangibles</i>	19,159.81	33,827.69	52,987.50
<i>Tangible Costs:</i>				
Casing	Surface: 373' of 13.375"	(689.25)		(689.25)
	Intermediate: 2437' of 8.625"	(441.95)		(441.95)
	Production: 9,477' OF 5.500"	1,102.81	(2,940.83)	(1,838.02)
Tubing	9,141' of 2.375"			
Wellheads	Drilling and completion assembly	8,679.20		8,679.20
Tank Btty.	Oil and water storage			
Stack pack	Separator & heater-treater			
Pumping	Rod Pump Equipment			
	Plunger Lift			
	Electric Power			
Flowline	Including valves, fittings, etc.			
	Labor & dirt work:			
Miscellaneous	Packer, tools, etc.	136.31		136.31
	<i>Total Tangibles</i>	8,787.12	(2,940.83)	5,846.29
TOTAL WELL		27,946.93	30,886.86	58,833.79

MONTHLY ALLOCATION OF COSTS

Operator **YATES ENERGY CORPORATION**
 Well **THORNBUSH FEDERAL NO. 1**
 County, State **EDDY COUNTY, NEW MEXICO**

ITEM	May-90	May-90	May-90	TOTAL FOR
	Page 1	Page 2	Page 4	May-90
<i>Intangible Costs</i>				
Location				
Survey, permit, etc.				
Legal	177.45			177.45
Damages				
Road, pad & clean-up				
Drilling				
Footage - 9,060'	124,781.53			124,781.53
Daywork		6,633.16		6,633.16
Drilling Fluids				
Mud, oil & chemicals				
Brine & Water				
Cement				
Surface				
Intermediate				
Production				
Services				
OH Logs				
Testing: Pot. test w/ BHP				
Pulling unit				
CBL Log & Perforate	13,923.09			13,923.09
Formation Stimulation	22,141.27	14,777.29		36,918.56
Yellow jacket, PU-LD, osg. crews				
Cementing		1,114.30		1,114.30
Hauling				
Oil, water, etc.		5,579.99		5,579.99
Equipment		398.53		398.53
Rental				
Rotating Hd., PVT, BOP, pipe racks, etc.		2,499.06		2,499.06
Water storage & test tanks		1,690.59		1,690.59
Supplies				
Sample sx., pipe dope, etc.				
Insurance				
Normal, pro-rated				
Supervision				
Geological & Mud Logger				
Engineering	11,432.19			11,432.19
Overhead			1,703.28	1,703.28
Operations				
Pumper			300.00	300.00
Other		490.30		490.30
Contingencies				
Welding, packers, misc. tools, etc.	3,105.79	208.10		3,313.89
<i>Total Intangibles</i>	175,578.12	33,391.32	2,003.28	210,972.72
<i>Tangible Costs:</i>				
Casing				
Surface: 373' of 13.375"				
Intermediate: 2437' of 8.625"				
Production: 9,477' of 5.500"				
Tubing				
9,141' of 2.375"				
Wellheads				
Drilling and completion assembly				
Tank Btty.				
Oil and water storage				
Stack pack				
Separator & heater-treater				
Pumping				
Rod Pump Equipment				
Plunger Lift				
Electric Power				
Flowline				
Including valves, fittings, etc.				
Labor & dirt work:				
Miscellaneous				
Packer, tools, etc.				
<i>Total Tangibles</i>				
TOTAL	175,578.12	33,391.32	2,003.28	210,972.72

MONTHLY ALLOCATION OF COSTS

Operator **YATES ENERGY CORPORATION**
 Well **THORNBUSH FEDERAL NO. 1**
 County, State **EDDY COUNTY, NEW MEXICO**

May, 1990

ITEM	ALLOCATE TO << 5400' KB	ALLOCATE TO >> 5400' KB	TOTAL FOR May-90
Intangible Costs			
Location			
Survey, permit, etc.			
Legal	177.45		177.45
Damages			
Road, pad & clean-up			
Drilling			
Footage - 9,060'	74,306.24	50,475.29	124,781.53
Daywork	5,296.39	1,334.77	6,631.16
Drilling Fluids			
Mud, oil & chemicals			
Brine & Water			
Cement			
Surface			
Intermediate			
Production			
Services			
OH Logs			
Testing: Pot. test w/ BHP			
Pulling unit			
CBL Log & Perforate	1,928.13	12,005.76	13,933.89
Formation Stimulation	10,303.89	26,614.67	36,918.56
Yellow jacket, PU-LD, osg. crews			
Cementing		1,114.30	1,114.30
Hauling			
Oil, water, etc.		5,579.99	5,579.99
Equipment		398.53	398.53
Rental			
Rotating Hd., PVT, BOP, pipe racks, etc.	874.67	1,624.39	2,499.06
Water storage & test tanks	712.80	977.79	1,690.59
Supplies			
Sample sx., pipe dope, etc.			
Insurance			
Normal, pro-rated			
Supervision			
Geological & Mud Logger			
Engineering	3,653.37	7,784.82	11,438.19
Overhead	1703.28		1,703.28
Operations			
Pumper	300.00		300.00
Other	490.30		490.30
Contingencies			
Welding, packers, misc. tools, etc.	777.46	2,536.43	3,313.89
Total Intangibles			
	100,525.98	110,446.74	210,972.72
Tangible Costs:			
Casing			
Surface: 373' of 13.375"			
Intermediate: 2487' of 8.625"			
Production: 9,477' OF 5.500"			
Tubing			
9,141' of 2.375"			
Wellheads			
Drilling and completion assembly			
Tank Btty.			
Oil and water storage			
Stack pack			
Separator & heater-treater			
Pumping			
Rod Pump Equipment			
Plunger Lift			
Electric Power			
Flowline			
Including valves, fittings, etc.			
Labor & dirt work:			
Miscellaneous			
Packer, tools, etc.			
Total Tangibles			
TOTAL			
	100,525.98	110,446.74	210,972.72

MONTHLY ALLOCATION OF COSTS

Operator **YATES ENERGY CORPORATION**
 Well **THORNBUSH FEDERAL NO. 1**
 County, State **EDDY COUNTY, NEW MEXICO**

ITEM	Jun-90	Jun-90	TOTAL FOR
	Page 33	Page 34	Jun-90
<i>Intangible Costs</i>			
Location			
Survey, permit, etc.			
Legal	1,478.50		1,478.50
Damages			
Road, pad, battery construction & clean-up			
Drilling			
Footage - 9,060'			
Daywork			
Drilling Fluids			
Mud, oil & chemicals			
Brine & Water			
Cement			
Surface			
Intermediate			
Production			
Services			
Open hole logs			
Testing: Pot. test, BHP			
Putting unit	955.65	39,892.90	40,848.55
CBL Log, Perforating			
Formation stimulation			
Yellow jacket, PU-LD, csg. crews			
Cementing			
Hauling			
Oil, water, etc.			
Equipment			
Rental			
Rotating Hd., PVT, BOP, pipe racks, etc.			
Water storage & test tanks		780.27	780.27
Supplies			
Sample sx., pipe dope, etc.			
Insurance			
Normal, pro-rated			
Supervision			
Geological & Mud Logger			
Engineering	2,018.48		2,018.48
Overhead			
Operations			
Pumper	300.00		300.00
Other	1,037.79	359.19	1,396.98
Contingencies		1,252.18	1,252.18
Welding, packers, misc. tools, etc.			
<i>Total Intangibles</i>	5,790.42	42,284.54	48,074.96
<i>Tangible Costs:</i>			
Casing			
Surface: 373' of 13.375"			
Intermediate: 2437' of 8.625"			
Production: 9,477' of 5.500"			
Tubing			
9,141' of 2.375"			
Wellheads		(448.91)	(448.91)
Drilling and completion assembly			
Tank Btty.			
Oil and water storage			
Stack pack		2,035.67	2,035.67
Pumping			
Separator & heater-treater			
Rod Pump Equipment			
Plunger Lift		6,521.08	6,521.08
Electric Power			
Flowline		5,833.53	5,833.53
Including valves, fittings, etc.			
Labor & dirt work:		420.18	420.18
Miscellaneous		526.44	526.44
Packer, tools, etc.			
<i>Total Tangibles</i>		14,887.99	14,887.99
TOTAL WELL	5,790.42	57,172.53	62,962.95

MONTHLY ALLOCATION OF COSTS

Operator **YATES ENERGY CORPORATION**
 Well **THORNBUSH FEDERAL NO. 1**
 County, State **EDDY COUNTY, NEW MEXICO**

ITEM	JUNE, 1990		
	ALLOCATE TO << 5400' KB	ALLOCATE TO >> 5400' KB	TOTAL FOR Jun-90
<i>Intangible Costs</i>			
Location			
Survey, permit, etc.			
Legal	1,478.50		1,478.50
Damages			
Road, pad, battery construction & clean-up			
Drilling			
Footage - 9,060'			
Daywork			
Drilling Fluids			
Mud, oil & chemicals			
Brine & Water			
Cement			
Surface			
Intermediate			
Production			
Services			
Open hole logs			
Testing: Pot. test, BHP			
Pulling unit	10,860.18	29,988.37	40,848.55
CBL Log, Perforating			
Formation stimulation			
Yellow jacket, PU-LD, csg. crews			
Cementing			
Hauling			
Oil, water, etc.			
Equipment			
Rental			
Rotating Hd., PVT, BOP, pipe racks, etc.			
Water storage & test tanks	780.27		780.27
Supplies			
Sample sx., pipe dope, etc.			
Insurance			
Normal, pro-rated			
Supervision			
Geological & Mud Logger			
Engineering	2,018.48		2,018.48
Overhead			
Operations			
Pumper	300.00		300.00
Other	1,396.98		1,396.98
Contingencies			
Welding, packers, misc. tools, etc.	526.44	725.74	1,252.18
<i>Total Intangibles</i>	17,360.85	30,714.11	48,074.96
<i>Tangible Costs:</i>			
Casing			
Surface: 373' of 13.375"			
Intermediate: 2437' of 8.625"			
Production: 9,477' of 5.500"			
Tubing			
9,141' of 2.375"			
Wellheads			
Drilling and completion assembly	(448.91)		(448.91)
Tank Btty.			
Oil and water storage			
Stack pack			
Separator & heater-treater	2,035.67		2,035.67
Pumping			
Rod Pump Equipment			
Plunger Lift	6,521.08		6,521.08
Electric Power			
Flowline			
Including valves, fittings, etc.	5,833.53		5,833.53
Labor & dirt work:	420.18		420.18
Miscellaneous			
Packer, tools, etc.	526.44		526.44
<i>Total Tangibles</i>	14,887.99		14,887.99
TOTAL WELL	32,248.84	30,714.11	62,962.95

MONTHLY ALLOCATION OF COSTS

Operator **YATES ENERGY CORPORATION**
 Well **THORNBUSH FEDERAL NO. 1**
 County, State **EDDY COUNTY, NEW MEXICO**

	ITEM	Jul-90 Page 38	Jul-90 Page 39	TOTAL FOR Jul-90
	<i>Intangible Costs</i>			
Location	Survey, permit, etc.			
	Legal		63.68	63.68
	Damages			
	Road, pad, battery construction & clean-up			
Drilling	Footage - 9,060'			
	Daywork			
Drilling Fluids	Mud, oil & chemicals			
	Brine & Water			
Cement	Surface			
	Intermediate			
	Production			
Services	Open hole logs			
	Testing: Pot. test, BHP			
	Pulling unit			
	CBL Log, Perforating.			
	Formation stimulation			
	Yellow jacket, PU-LD, osg. crews			
	Cementing			
Hauling	Oil, water, etc.			
	Equipment			
Rental	Rotating Hd., PVT, BOP, pipe racks, etc.			
	Water storage & test tanks			
Supplies	Sample sx., pipe dope, etc.			
Insurance	Normal, pro-rated			
Supervision	Geological & Mud Logger			
	Engineering			
	Overhead			
Operations	Pumper		180.00	180.00
	Other	294.05	368.46	662.51
Contingencies	Welding, packers, misc. tools, etc.		1,935.85	1,935.85
	<i>Total Intangibles</i>	294.05	2,547.99	2,842.04
	<i>Tangible Costs:</i>			
Casing	Surface: 378' of 13.375"			
	Intermediate: 2437' of 8.625"			
	Production: 9,477' OF 5.500"			
Tubing	9,141' of 2.375"			
Wellheads	Drilling and completion assembly			
Tank Btty.	Oil and water storage			
Stack pack	Separator & heater-treater		792.19	792.19
Pumping	Rod Pump Equipment		19,852.40	19,852.40
	Plunger Lift			
	Electric Power			
Flowline	Including valves, fittings, etc.			
	Labor & dirt work:			
Miscellaneous	Packer, tools, etc.			
	<i>Total Tangibles</i>		20,644.59	20,644.59
	TOTAL WELL	294.05	23,192.58	23,486.63

MONTHLY ALLOCATION OF COSTS

Operator YATES ENERGY CORPORATION
 Well THORNBUSH FEDERAL NO. 1
 County, State EDDY COUNTY, NEW MEXICO

		JULY, 1990		
ITEM		ALLOCATE TO	ALLOCATE TO	TOTAL FOR
		<< 5400' KB	>> 5400' KB	Jul-89
<i>Intangible Costs</i>				
Location	Survey, permit, etc.			
	Legal		63.68	63.68
	Damages			
	Road, pad, battery construction & clean-up			
Drilling	Footage - 9,060'			
	Day work			
Drilling Fluids	Mud, oil & chemicals			
	Brine & Water			
Cement	Surface			
	Intermediate			
	Production			
Services	Open hole logs			
	Testing: Pot. test, BHP			
	Pulling unit			
	CBL Log, Perforating			
	Formation stimulation			
	Yellow jacket, PU-LD, osg. crews			
	Cementing			
Hauling	Oil, water, etc.			
	Equipment			
Rental	Rotating Hd., PVT, BOP, pipe racks, etc.			
	Water storage & test tanks			
Supplies	Sample sx., pipe dope, etc.			
Insurance	Normal, pro-rated			
Supervision	Geological & Mud Logger			
	Engineering			
	Overhead			
Operations	Pumper	180.00		180
	Other	661.31	1.20	662.51
Contingencies	Welding, packers, misc. tools, etc.	1,935.85		1,935.85
	<i>Total Intangibles</i>	2,777.16	64.88	2,842.04
<i>Tangible Costs:</i>				
Casing	Surface: 373' of 13.375"			
	Intermediate: 2437' of 8.625"			
	Production: 9,477' of 5.500"			
Tubing	9,141' of 2.375"			
Wellheads	Drilling and completion assembly			
Tank Btty.	Oil and water storage			
Stack pack	Separator & heater-treater	792.19		792.19
Pumping	Rod Pump Equipment	19,852.40		19,852.4
	Plunger Lift			
	Electric Power			
Flowline	Including valves, fittings, etc.			
	Labor & dirt work:			
Miscellaneous	Packer, tools, etc.			
	<i>Total Tangibles</i>	20,644.59		20,644.59
TOTAL WELL		23,421.75	64.88	23,486.63

MONTHLY ALLOCATION OF COSTS

Operator **YATES ENERGY CORPORATION**
 Well: **THORNBUSH FEDERAL NO. 1**
 County: **Eddy County, New Mexico**

ITEM	Aug-90	Aug-90	TOTAL FOR
	Page 33	Page 34	Aug-90
<i>Intangible Costs</i>			
Location	Survey, permit, etc.		
	Legal	1765.59	1,765.59
	Damages		
	Road, pad, battery construction & clean-up		
Drilling	Footage - 9,060'		
	Daywork		
Drilling Fluids	Mud, oil & chemicals		
	Brine & Water		
Cement	Surface		
	Intermediate		
	Production		
Services	Open hole logs		
	Testing: Pot. test, BHP		
	Pulling unit		
	CBL Log, Perforating		
	Formation stimulation	5,763.34	5,763.34
	Yellow Jacket, PU-LD, osg. crews		
	Cementing		
Hauling	Oil, water, etc.		
	Equipment		
Rental	Rotating Hd., PVT, BOP, pipe racks, etc.	2,378.84	2,378.84
	Water storage & test tanks		
Supplies	Sample sx., pipe dope, etc.		
Insurance	Normal, pro-rated		
Supervision	Geological & Mud Logger	120.77	120.77
	Engineering		
	Overhead		
Operations	Pumper	180.00	180.00
	Other	3,992.86	3,992.86
Contingencies	Welding, packers, misc. tools, etc.		
	<i>Total Intangibles</i>	120.77	14,080.63
<i>Tangible Costs:</i>			
Casing	Surface: 373' of 13.375"		
	Intermediate: 2437' of 8.625"		
	Production: 9,477' of 5.500"		
Tubing	9,141' of 2.375"		
Wellheads	Drilling and completion assembly		
Tank Btty.	Oil and water storage	6,617.26	6,617.26
Stack pack	Separator & heater-treater	4,811.05	4,811.05
Pumping	Rod Pump Equipment		
	Plunger Lift	(6,659.54)	(6,659.54)
Flowline	Electric Power	3,237.75	3,237.75
	Including valves, fittings, etc.		
Miscellaneous	Labor & dirt work:		
	Packer, tools, etc.		
	<i>Total Tangibles</i>	(6,659.54)	14,666.06
TOTAL WELL			
	(6,538.77)	28,746.69	22,207.92

MONTHLY ALLOCATION OF COSTS

Operator **YATES ENERGY CORPORATION**
 Well: **THORNBUSH FEDERAL NO. 1**
 County: **Eddy County, New Mexico**

		AUG. 1990		
ITEM		ALLOCATE TO	ALLOCATE TO	TOTAL FOR
		<< 5400' KB	>> 5400' KB	Aug-90
<i>Intangible Costs</i>				
Location	Survey, permit, etc.			
	Legal	1,763.39		1,763.39
	Damages			
	Road, pad, battery construction & clean-up			
Drilling	Footage - 9,060'			
	Daywork			
Drilling Fluids	Mud, oil & chemicals			
	Brine & Water			
Cement	Surface			
	Intermediate			
	Production			
Services	Open hole logs			
	Testing: Pot. test, BHP			
	Pulling unit			
	CBL Log, Perforating			
	Formation stimulation		3,763.34	3,763.34
	Yellow jacket, PU-LD, osg. crews			
	Cementing			
Hauling	Oil, water, etc.			
	Equipment			
Rental	Rotating Hd., PVT, BOP, pipe racks, etc.	2,378.84		2,378.84
	Water storage & test tanks			
Supplies	Sample sx., pipe dope, etc.			
Insurance	Normal, pro-rated			
Supervision	Geological & Mud Logger		120.77	120.77
	Engineering			
	Overhead			
Operations	Pumper	180.00		180.00
	Other	3,992.86		3,992.86
Contingencies	Welding, packers, misc. tools, etc.			
<i>Total Intangibles</i>		8,317.29	3,884.11	14,201.40
<i>Tangible Costs:</i>				
Casing	Surface: 373' of 13.375"			
	Intermediate: 2437' of 8.625"			
	Production: 9,477' of 5.500"			
Tubing	9,141' of 2.375"			
Wellheads	Drilling and completion assembly			
Tank Btty.	Oil and water storage	6,617.26		6,617.26
Stack pack	Separator & heater-treater	4,811.03		4,811.03
Pumping	Rod Pump Equipment			
	Plunger Lift	(6,659.54)		(6,659.54)
Flowline	Electric Power	3,237.73		3,237.73
	Including valves, fittings, etc.			
Miscellaneous	Labor & dirt work:			
	Packer, tools, etc.			
<i>Total Tangibles</i>		8,006.52		8,006.52
TOTAL WELL		16,323.81	3,884.11	22,207.92

MONTHLY ALLOCATION OF COSTS

Operator: YATES ENERGY CORPORATION
 Well: THORNBUSH FEDERAL NO. 1
 County: Eddy County, New Mexico

MONTHLY ALLOCATIONS ONLY

		Oct. 1990		TOTAL FOR
ITEM		ALLOCATE TO	ALLOCATE TO	Oct-90
<i>Intangible Costs</i>		<< 3400' KB	>> 3400' KB	
Location	Survey, permit, etc.			
	Legal			
	Damages			
	Road, pad, battery construction & clean-up			
Drilling	Footage - 9,060'			
	Daywork			
Drilling Fluids	Mud, oil & chemicals			
	Brine & Water			
Cement	Surface			
	Intermediate			
	Production			
Services	Open hole logs			
	Testing: Pot. test, BHP			
	Pulling unit			
	CBL Log, Perforating			
	Formation stimulation			
	Yellow jacket, PU-LD, csg. crews			
	Cementing			
Hauling	Oil, water, etc.			
	Equipment			
Rental	Rotating Hd., PVT, BOP, pipe racks, etc.			
	Water storage & test tanks			
Supplies	Sample sx., pipe dope, etc.			
Insurance	Normal, pro-rated			
Supervision	Geological & Mud Logger			
	Engineering			
	Overhead			
Operations	Pumper			
	Other			
Contingencies	Welding, packers, misc. tools, etc.			
	<i>Total Intangibles</i>			
	<i>Tangible Costs:</i>			
Casing	Surface: 373' of 13.375"			
	Intermediate: 2437' of 8.625"			
	Production: 9,477' of 5.500"			
Tubing	9,141' of 2.375"			
Wellheads	Drilling and completion assembly			
Tank Btty.	Oil and water storage	7,250.00		7,250.00
Stack pack	Separator & heater-treater	1,750.00		1,750.00
Pumping	Rod Pump Equipment			
	Plunger Lift			
Flowline	Electric Power			
	Including valves, fittings, etc.			
Miscellaneous	Labor & dirt work:			
	Packer, tools, etc.			
	<i>Total Tangibles</i>	9,000.00		9,000.00
	TOTAL WELL	9,000.00		9,000.00