



**OXY USA INC.
AUTHORITY FOR EXPENDITURE**

Region: 14

AFE NO:

Lease/Plant Name: OXY LIMOUSINE FEDERAL NO. 1	
Description: DRILL AND EQUIP	
Partnership/Funding: 2000 PLANNED CAPITAL	
Location: 1780' FNL & 660' FWL, SEC.15, T20S, R25E, EDDY COUNTY, NM	
Field: CEMETARY MORROW	Region AFE No: 17006
Operator Name: OXY USA INC.	Production Foreman No: 1420
Oper AFE No:	Lease/Plant CC No:
State/County No: 30015	Co/Div No: 20177
Capital Proj No:	Budget Appr No: 000200

Remarks:

It is proposed to drill and equip the OXY LIMOUSINE FEDERAL NO. 1 as a Morrow producer in the CEMETARY MORROW Field, Eddy County, New Mexico. Your approval is requested.

Geologic interpretation has identified the proposed location to be in a Morrow producing trend.

Estimated Cost Detail

	Materials:	Labor Incidentals:	Total:
Gross Cost	186485	538200	724685
Oxy Net Cost@ 71.87500% WI	134036	386831	520867

CONCURRENCES

Asset Team Leader	Business Team Leader	Operations Team Leader	Engineering	Geology	Land	Acctg Team Lead
OXY APPROVAL: _____ W.I. OWNER APPROVAL: _____ COMPANY: _____						DATE BEFORE THE OIL CONSERVATION DIVISION Case No. 12631 Exhibit No. 4 Submitted By: OXY USA, Inc. Hearing Date: April 5, 2001

Prepared By: Gary Womack

Date: 01-Nov-00

Phone number: (915) 685-5772

Requested By: I.E.C.A.I.E.
 Prepared By: G. WOMACK

OXY USA INC.
 DETAILED WELL ESTIMATE

LEASE - WELL NO. OXY LIMOUSIN FEDERAL NO. 1 DATE: 01-Nov-00
 LOCATION 1780' FNL & 660' FWL DEPTH: 9,800
 S 15 T 20-S R 25-E COUNTY Eddy STATE New Mexico AFE NO.

DESCRIPTION	GRADE	\$/FT	QUAN.	W	ESTIMATE PRODUCER	BEFORE CSG PT	AFTER CSG PT
TANGIBLES							
Casing							
Surface	13-3/8", 48#, H-40 ST&C	A	15.91	350	6,364	6,364	
Intermediate	8-5/8", 32#, K-55 ST&C	A	10.53	1375	14,479	14,479	
Production	4-1/2", 11.6#, N-80 LT&C	A	6.05	9800	59,290		59,290
Wellhead Connections							
Tubing	2-3/8", 4.7#, N-80		2.79	8800	24,552	4,000	8,000
Sucker Rods							
Bottom Hole Pump							
Engine or Motor							
Pumping Unit							
Electrical Equipment							
Line Pipe & Fittings					5,000		5,000
Packer and Accessories					8,000		8,000
TANK BATTERY							
Stock Tanks	2 500 bbl				12,000		12,000
Separator, Heater Treater, Dehydrator					20,000		20,000
Meter Run & Housing					4,800		4,800
Labor & Transportation					20,000		20,000
Total Tangibles					186,485	24,843	161,642
INTANGIBLES							
Contract Drilling Labor					219,200	219,200	
Rotary Day Work							
Service Rig Work	@ \$1800/day		10		18,000		18,000
Subsurface Casing Equipment					5,000	2,000	3,000
D.S.T., Electric, Radioactivity Logs, etc.					25,000	25,000	
Acidizing, Fracing					18,000		18,000
Perforating					15,000		15,000
Misc. Company & Contract Labor					15,000	10,000	5,000
Road Building, Location					25,000	25,000	
Cement & Cementing Services					28,000	10,000	18,000
Cement Squeeze Jobs							
Drilling Mud, Chemicals					30,000	30,000	
Diamond Coring & Analyses, Bits, Reamers					40,000	40,000	
Mud Logging Unit					12,500	12,500	
Rental of Miscellaneous Equipment					20,000	15,000	5,000
Contract Hauling					10,000	8,000	2,000
Water, Fuel					25,000	20,000	5,000
Miscellaneous Incidentals					30,000	20,000	10,000
Archaeological Services					2,500	2,500	0
Total Intangibles					538,200	439,200	99,000
							0
Total Estimated Cost - 100%					724,685	464,043	260,642