JULY THRU DECEMBER, 1989
MARKET DEMAND PERCENTAGE FACTOR: 100%

ORDER NO. A-261
SCHEDULE NO. 51 VOLUME 3
AZTEC DISTRICT

STATE OF NEW MEXICO
ENERGY, MINERALS, AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

OIL PRORATION SCHEDULE

VOLUME 3 OF THE PRORATION SCHEDULE COVERS ALL PRODUCING OIL WELLS IN DIVISION DISTRICT #3 WHICH COMPRISES McKINLEY, RIO ARRIBA, SAN JUAN, AND SANDOVAL COUNTIES, NEW MEXICO

GAS-OIL RATIO TEST SCHEDULE FOR 1989
ON LAST PAGE

SPECIAL POOL RULES REQUIRE TESTING AT SPECIFIC TIMES FOR EACH POOL

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TRANSPORTER ABBREVIATION CODES
SUPPLEMENT LISTING
PRORATION SCHEDULE
BONUS ALLOWABLE

IMMEDIATELY NOTIFY DISTRICT SUPERVISOR OF ANY ERRORS

AZTEC DISTRICT OFFICE, 1000 RIO BRAZOS ROAD, AZTEC, NEW MEXICO 87410

TELEPHONE (505) 334-6178

NEW MEXICO OIL PRORATION SCHEDULE
EXPLANATION OF SYMBOLS

SYMBOL	
M	MARGINAL - Indicates a proration unit which is incapable of producing an allowable equivalent to top unit allowable for the pool on the most recent test.
N	NON-MARGINAL - Indicates a proration unit capable of producing the top oil allowable for the pool on the most recent test.
*N	EFFECTIVE GAS-OIL-RATIO - Indicates well in which the gas-oil-ratio is above pool limits and the oil allowable is reduced, or a gas well capable of producing gas in excess of the daily top casinghead gas allowable for the pool.
( )	AMOUNT OF PRODUCTION ON MOST RECENT GAS-OIL-RATIO TEST - Shown for wells in pools with scheduled GOR tests.
#	DOWNHOLE COMMINGLED LIMITATION - Indicates well is downhole commingled and allowable stated is maximum allowable for zone authorized by downhole commingle order.
&	ACREAGE FACTOR ADJUSTMENT - Indicates maximum allowable for proration unit after acreage factor adjustment.
GW	GAS WELL - Indicates well with GOR in excess of 100,000 cubic feet of gas per barrel of oil producing from an oil pool, or as set by special pool rules.
/	CHANGE - Indicates change since last proration schedule. (This is primarily for OCD use.)

Volume III of the proration schedule covers all producing oil wells in District III, (Aztec District) which comprises McKinley, Rio Arriba, San Juan, and Sandoval Counties, New Mexico.

ANADARKO PROD. CO	ANO	ANADARKO PET. CORP.	ANA
ROBERT C. ANDERSON	AND	AZTEC OIL AND GAS	ADG
ASHLAND OIL AND REFINING COMPANY	AOR	AMERADA PETROLEUM CORPORATION	APC
ARCO PIPELINE CO	ARC	ASHLAND CHEMICAL COMPANY	ASH
ATLANTIC RICHFIELD COMPANY	ATL	AZTEC ENERGY CORP.	AZT
BASIN INC.	B I	BARBER OIL INCORPORATED	B O
PERRY R. BASS	BAS	BCO INCORPORATED	BCO
BERT FIELDS	BFD	BASIN FUELS INCORPORATED	BFI
BHP PETROLEUM CO., INC.	BHP	BENSON MONTIN GREER DRILLING CORPORATION	BMG
BROKEN HILLS PETROLEUM	BRO	BASIC SEDIMENT AND WATER	BSW
CABOT CORPORATION	C C	COLUMBUS ENERGY	C E
COMMANCHE PIPELINE	C P	CHARTER CRUDE OIL	CCC
CARIBOU FOUR CORNERS OIL INCORPORATED	CFC	CITIGAS CORP.	CGC
COLUMBUS & GAS CO. OF N.M.	CGM	CITGO	CGO
CHEVRON U.S.A. INC.	CHE	COLORADO INTERSTATE GAS CO.	CIG
CINIZA PIPELINE INC.	CIN	CITIES SERVICE OIL COMPANY	CIT
CAL JET, INC.	CJI	CEDAR MOUNTAIN PETROLEUM CORP.	CMP
COLONY NATURAL GAS	CNG	CABOT PIPELINE	COB
CITY OF FARMINGTON UTILITY SYSTEMS	COF	COLEMAN OIL & GAS	COG
CONOCO INC.	COI	COMPTON CORP	COM
CONTINENTAL OIL COMPANY	CON	COQUINA	COQ
CO2	CO2	CRW SWD INC.	CRW
CHALA CRYOGENICS	CRY	CITIES SERVICE OIL AND GAS CORP.	CSO
CONOCO, INC. SURFACE TRANSPORTATION	CST	CITATION OIL GAS CORP.	CTN
BARBARA FASKEN	D F	DAKOTA RESOURCES, INC.	DAK
J.L. DAVIS	DAV	DELHI GAS PIPELINE CORP	DEL
DAVIS GAS CO.	DGC	DIASU OIL & GAS CO. INC.	DIA
DOME PETROLEUM CORP.	DOM	DUGAN PRODUCTION CORPORATION	DPC
DRILLING GAS	DRG	EL PASO GAS MARKETING	ELP
ENRON	ENR	ENRON OIL AND GAS CO.	EOG
ENRON OIL TRUCKING AND TRANSPORTATION CO.	EOT	EL PASO NATURAL GAS COMPANY	EPG
EL PASO AND UNION TEXAS PETRO.	EUT	FAMARISS OIL AND REFINING COMPANY	FAM
FOUR CORNERS PIPELINE COMPANY	FCP	FOUR FOUR INC.	FFI
FLORIDA HYDROCARBON CO.	FLO	FRED POOL DRLG. INC.	FPD
GULF ENERGY	G E	GIANT INDUSTRIES, INC	G I
GAS LIFT	G L	GIANT REFINERY	G R
GANDY CORPORATION	GAN	GENERAL AMERICAN OIL CO. OF TEXAS	GAO
GARY ENERGY CORPORATION	GEC	GAS GATHERING SYSTEMS, INC.	GGS
GAVILAN JOINT VENTURE	GJV	GULF REFINING COMPANY	GLF
GAS CO. OF NEW MEXICO	GNM	GRAVES OIL COMPANY	GOC
GRACE PETROLEUM CORP.	GPC	GENERAL PETROLEUM INCORPORATED	GPI
GETTY TRADING AND TRANSPORTATION CO.	GTT	HAMON OIL CO.	HAM
THE HARLOW CORPORATION	HAR	HADSON GAS SYSTEMS, INC.	HGS
HIXON DEVELOPMENT CO.	HIX	HNG OIL CO.	HNG
HANSON OPERATING CO., INC.	HOC	HICKS OIL & GAS CO.	HOG
HIGH PLAINS NATURAL GAS CO.	HPN	THE INDEPENDENT PIPE LINE	I-P
INTRASTATE GATHERING CORP.	IGC	INDREX, INC.	IND
INLAND CORPORATION	INL	JEM RESOURCES, INC.	JEM
JFG ENTERPRISES	JFG	JAKE L. HAMON	JLH
JAMES L. LUDWICK	JLL	J.M. PETROLEUM CORP.	JMP
JADCO PURCHASING CORP.	JPC	KOCH GATHERING SYSTEMS	KGS
KOCH OIL CO	KOC	KOCH SERVICE INC.	KSV
LLANO INCORPORATED	L I	LIQUID ENERGY CORPORATION	LEC
LIBRA ENERGY INCORPORATED	LIB	LOST OIL OR GAS	LOS
LANTERN PET. CORP.	LPC	USE ON LEASE OIL OR GAS	LSE
MINEL INC.	M I	MANCOS CORPORATION	MAN
MAPCO INC.	MAP	MARATHON OIL COMPANY	MAR
MATADOR PIPELINES, INC.	MAT	MCDOUGALD OIL COMPANY	MCD
T. H. MCELVAIN	MCE	JEROME P. MCHUGH	MCH
MERRION OIL & GAS CORP.	MER	MESA PETROLEUM	MES
MCCASLAND OIL SERVICE	MHO	MOBIL PIPELINE COMPANY	MOB
MERIDIAN OIL INC.	MOI	MONSANTO COMPANY	MON
MERIDIAN OIL TRADING INC.	MOT	NORTHWEST PIPELINE & COLUMBUS	N C
NAVAJO PIPELINE	N P	NORTHWEST P.L. & COLUMBUS	N-C
NEW ENERGY COMPANY	NEC	NORTHERN GAS GATHERING INC.	NGI
NATURAL GAS PIPELINE COMPANY OF AMERICA	NGP	NEW MEXICO GAS MARKETING, INC.	NMG
NORTHERN NATURAL GAS COMPANY	NNG	NORTHWEST PIPELINE CORP.	NPC
NAVAJO REFINING CO. PIPELINE DIVISION	NRC	OXY CITY SERVICE	OCS
USE OFF LEASE GAS	OLG	O.T.H.G. INC.	OTH
OXY USA, INC.	OXY	PETRO RESOURCES CORP.	P C
PHILLIPS PETROLEUM COMPANY	P P	PETRO SOURCE INC.	P S
PETRO THERMO	P T	PACIFIC ATLANTIC MARKETING, INC.	PAM
POTASH COMPANY OF AMERICA	PCA	PETROLEUM CONSULTANTS INCORPORATED	PCI
PHELPS DODGE REFINING CORP.	PDR	PELTO OIL COMPANY	PEL
PERMIAN	PER	PETROLEUM ENERGY	PET
PINNACLE NATURAL GAS CO.	PIN	PIONEER PRODUCTION CORP.	PIO
PLATEAU INCORPORATED	PLA	PETRO LEWIS CORPORATION	PLC
PLANT FUEL	PLT	PHILLIPS 66 NATURAL GAS CO.	PNG
PERMIAN OIL CO.	POC	P&G FALCO., INC.	POF
PRIDE PIPELINE CO	PPC	PRIDE PIPELINE AND TRANSPORTATION	PPT
PECOS VALLEY, INC.	PVI	ROSS CARBONICS	R C
GAS USED FOR REPRESSURING	REP	ROBERT L. BAYLESS	RLB
RAMSEY PROPERTY MANAGEMENT INC.	RPM	SOUTHERN UNION GAS COMPANY	S U
SUNSHINE ENERGY	S-E	SHELL WESTERN E & P INC.	SEP
SERH INC.	SER	SOUTHLAND GATHERING COMPANY	SGC
SUNTERRA GAS GATHERING CO.	SGG	SHELL PIPELINE CORPORATION	SHL
GAS SCHRINKAGE	SHR	SKELLY OIL COMPANY	SKY
STATELINE LTD	SLL	SCURLOCK OIL COMPANY	SOC
SPOT MARKET	SPM	SPUR PIPELINE COMPANY	SPU
SEVEN RIVERS FARM, INC.	SRF	SUN REFINING AND MARKETING COMPANY	SRM
STOLEN OIL	STL	SUNTERRA AND EL PASO	STP
SUNTERRA GAS GATHERING & COLUMBUS	SUC	SUNTERRA GAS GATHERING COMPANY	SUG
SUMMIT TRANSPORATION CO.	SUM	SUN EXPLORATION & PRODUCTION CO.	SUN
SOUTHERN UNION REFINING CO	SUR	SUNTERRA & UTP	SUT
SOUTHWEST GAS CORPORATION	SWG	TESORO CRUDE OIL CO	TCO
TEMPO ENERGY, INC.	TEM	TENNECO OIL COMPANY	TEN
TEXACO INCORPORATED	TEX	TIFFANY GAS CO.	TGC
TIPPERARY CORPORATION	TIP	TEXAS NEW MEXICO PIPELINE COMPANY	TNM
TEXACO OIL, INC.	TOI	TESORO PETROLEUM CORPORATION	TPC
TEXACO PRODUCING, INC.	TPI	TRANSFERRED OIL	TRA
TIPPERARY RESOURCES CORPORATION	TRC	TEXACO TRADING & TRANSPORTATION	TTT
TUCO INC	TUC	THRIFTWAY COMPANY	TWC
TRANSWESTERN PIPELINE COMPANY	TWP	UNITED GAS PIPELINE CO.	UGC
UNKNOWN	UNK	UNION OIL CO OF CALIFORNIA	UOC
UPG FALCO	UPF	URIAH EXPLORATION INC.	URI
UNION TEXAS PETROLEUM CORP.	UTP	VANDALISM	VAN
VENTED OR UNACCOUNTED	VNT	WINTERSHALL CORP	W C
WINTERSHALL CORP.	W-C	WARREN PETROLEUM CORPORATION	WAR
WESTERN CRUDE OIL INC.	WCI	WESTERN CRUDE OIL PURCH. CO.	WCP
WESTERN GAS INTERSTATE CO	WGI	WESTERN OIL TRANSPORTATION COMPANY, INC.	WOT
WEST TEXAS GAS, INC.	WTG	SPOT MARKET NOMINATIONS	XSP
HARVEY E. YATES CO.	YAT	YATES PET CORP	YPC

DISTRICT III OIL PRORATION SCHEDULE FOR 1989

COMPANY LEASE	WELL UNIT	S.T.R.	JULY THRU DEC. DAILY	GOR
ALAMITO-GALLUP				
(40 Acre Spacing)				
Top Allowable 80				GOR Limit 2,000
BCO, INC.				
Alamito Unit				
" (12)	2	N 32-23-07	M	5000
" (12)	3	E 32-23-07	M	2500
" (12)	4	G 32-23-07	M	2500
Federal B				
" (3)	2	G-34-23-07	M	8000
" (3)	3	J-34-23-07	M	8000
(3)	4	L-34-23-07	M	8000
" (3)	5	D-34-23-07	M	8000
" (2)	6	M-27-23-07	M	8000
Federal C				
" (2)	1	P-31-23-07	M	4500
" (4)	2	I-31-23-07	M	3000
Federal G				
" (1)	1	A-02-22-08	M	2000
" (30)	2	B-02-22-08	M	5000
" (28)	3	N-31-23-07	M	6000
Federal I				
" (3)	1	G-33-23-07	M	9000
" (3)	2	I-33-23-07	M	9000
" (3)	3	M-33-23-07	M	9000
" (3)	4	E-33-23-07	M	9000
Federal L				
" (20)	1	O-28-23-07	M	10000
LUTHER McNEELY				
Sage Creek				
" (42)	1	I-03-22-08	M	TSTM
TEXACO, INC.				
Dome Navajo 3-22-07				
" (2)	1	J-03-22-07	M	14500
R.W. WARNER, ET AL				
Warner Federal				
" (2)	1	A-10-22-08	M	TSTM
ALAMO-FARMINGTON				
(40 Acre Spacing)				
Top Allowable 80				GOR Limit 2,000
MERIDIAN OIL, INC.				
Riddle				
" (4)	4	M-04-30-09	M	2700
AMARILLO-GALLUP				
(40 Acre Spacing)				
Top Allowable 102				GOR Limit 2,000
AMOCO PRODUCTION CO.				
G.L. Davies	1E	K-27-28-13		SI
DUGAN PRODUCTION CORP.				
Fullerton				
" (1)	1	F-34-28-13	M	TSTM
ANGEL PEAK-GALLUP, ASSOCIATED				
(Spacing Oil - 80 Gas - 320)				
Top Oil Allowable 222				GOR Limit 2,000
Top Gas Allowable 1776 MCFD				
AMOCO PRODUCTION CO.				
Jack Frost B				
"	1	P-27-27-10	GW AF	.25
"	1E	M-27-27-10		S.I.
" (1)	2E	H-27-27-10	M	1000

C.A. McAdams B				
"	1	J-28-27-10		S.I.
"	1E	M-28-27-10		S.I.
"	2	E-28-27-10		S.I.
"	2E	B-28-27-10		S.I.
J.C. Gordon D				
"	2E	M-22-27-10	GW AF	.25
DUGAN PRODUCTION CORP.				
C.A. McAdams				
"	1,4	F,N-34-27-10	GW AF	1.00
"	2	P-34-27-10		S.I.
"	3	H-34-27-10	GW AF	.25
MARATHON OIL COMPANY				
Evenson				
"	3	G-19-27-10	GW AF	1.00
MERIDIAN OIL, INC.				
Ballard				
"	11	D-15-26-09	M	
"	17	I-15-26-09	GW AF	1.00
Huerfano Unit				
"	92	F-07-26-09		S.I.
"	99	C-02-26-10	GW AF	1.00
"	101	F-19-27-10	[illegible]	
"	103	C-03-26-10	GW AF	1.00
"	105	P-29-27-10	GW AF	.25
"	106	J-33-27-10	GW AF	1.00
"	108	E-01-26-10	GW AF	1.00
"	109	I-02-26-10	GW AF	1.00
"	113	C-33-27-10	GW AF	1.00
"	138	D-22-26-09		T.A.
" (1)	160	O-17-26-09	I	10000
"	231	D-06-26-09	M	
"	232	P-08-26-09	M	
"	233	I-05-26-09	GW AF	1.00
"	234	O-07-26-09	GW AF	1.01
" (4)	236	E-09-26-09	GW AF	.25
"	237	C-17-26-09	GW AF	1.00
"	238	I-18-26-09	GW AF	1.00
"	239	C-18-26-09	GW AF	1.03
"	240	C-23-26-09	GW AF	1.00
" (1)	241	C-13-26-10	M	TSTM
"	242	O-12-26-10	GW AF	1.00
"	247	O-06-26-09	GW AF	.25
"	249	E-08-26-09	GW AF	.25
"	252	I-01-26-10	GW AF	.25
" (2)	256	O-31-27-09	M	14000
"	258	P-36-27-10	M	TSTM
Huerfano Unit NP				
" (1)	110	I-03-26-10	M	15000
"	111	F-20-26-09	GW AF	.25
"	116	C-11-26-10	GW AF	.25
" (1)	248	E-05-26-09	M	TSTM
" (1)	253	P-11-26-10	M	TSTM
" (1)	254	I-13-26-10	M	TSTM
"	255	E-31-27-09	M	
" (1)	257	F-36-27-10	M	20000
"	287	C-05-26-10	GW AF	1.00
ARMENTA-GALLUP				
(40 Acre Spacing)				
Top Allowable 107				GOR Limit 2,000
AMOCO PRODUCTION CO.				
Abrams J				
" (23)	1	I-29-29-10	M	4174
Abrams L				
" (16)	1A	I-26-29-10	M	12684
Abrams L				
"	1	M-26-29-10		S.I.
Armenta Com F				
"	1	H-27-29-10		S.I.
Candelaria A				
"	1	C-27-29-10		No C-116
Earl B. Sullivan				
" (23)	2	H-26-29-11	M	4435
Earl H. Morris A				
" (2)	1	K-26-29-10	M	18000
Harold B. Chapson				
"	1	J-28-29-10	M	
Pollock Com E				
"	1	P-28-29-10		S.I.
Pollock Com D				
"	1	M-27-29-10		Gas Well

Roy Sullivan A				
" (2)	1	N-28-29-10	M	27500
Sanchez				
"/ (6)	2	E-28-29-10	M	12450
Sanchez Gas Com C				
/	1	A-28-29-10		Gas Well
State Gas Com BZ				
" (16)	1	I-32-29-10	M	2563
Trujillo Gas Com A				
" (31)	1	C-28-29-10	M	323
Valdez				
"/ (6)	2	G-24-29-11	M	14642
ARCO OIL & GAS COMPANY				
Arco State				
"	101	B-16-29-10	*N9	*22864
"	102	D-36-29-10	*N8	*24364
UNION TEXAS PETROLEUM CORP.				
Albright				
"	9	K-22-29-10	M	Gas Well
" (3)	10	C-22-29-10	M	22333
" (8)	11	I-22-29-10	M	15750
" (3)	12	G-22-29-10	M	32333
" (5)	13	K-15-29-10	M	17200
" (2)	15	M-23-29-10	M	31000
Angel Peak				
" (1)	24	K-12-28-11	M	40000
Acreage Factor .59				
Angel Peak				
" (2)	27	I-11-28-11	M	33000
Acreage Factor .60				
Angel Peak				
" (3)	28	K-11-28-11	M	22667
Acreage Factor .61				
Angel Peak				
" (3)	29	I-10-28-11	M	12333
Acreage Factor .62				
Angel Peak B				
" (1)	22E	F-13-28-11	M	26000
" (1)	24E	I-13-28-11	M	47000
"	31	C-25-28-11		S.I.
" (5)	32	I-12-18-11	M	8200
Acreage Factor .57				
Angel Peak B				
" (7)	34	A-13-28-11	M	7000
" (2)	35	A-25-28-11	M	17500
" (2)	36	K-25-28-11	M	26000
" (2)	37	A-24-28-11	M	23500
"	38	K-24-28-11		Gas Well
" (3)	43	I-25-28-11	M	13333
" (1)	44	C-24-28-11	M	30000
" (1)	45	I-24-28-11	M	1700
Calvin				
" (5)	2	P-26-29-11	M	11800
" (10)	3	K-26-29-11	M	6600
Congress				
" (3)	11	I-35-29-11	M	12333
" (3)	12	K-35-29-11	M	17000
" (3)	13	I-34-29-11	M	18000
" (5)	14	A-35-29-11	M	11400
" (2)	15	C-35-29-11	M	17500
" (3)	16	A-34-29-11	M	19667
" (16	18	K-27-29-11	M	8333
Congress Lachman				
"	4E	C-18-28-10		Gas Well
Eaton Federal				
" (10)	2	A-15-28-11	M	4900
Mangum				
" (3)	5	K-10-28-11	M	19000
" (10)	6	O-28-29-11	M	6700
" (8)	8	K-33-29-11	M	8375
" (8)	12	E-33-29-11	M	9125
Pierce A				
" (2)	2E	E-34-29-10	M	22500
" (1)	3	C-34-29-10	M	17000
" (1)	4	A-34-29-10	M	14000
Reid B				
" (7)	4	D-31-29-10	M	3429
" (5)	5	L-31-29-10	M	4600
" (12)	6	J-31-29-10	M	3333
Summit				
" (6)	12	K-34-29-11	M	9833
"	14	I-33-29-11		Gas Well
"	15	C-34-29-11		Gas Well
Wilson				
" (3)	3	B-31-29-10	M	15000

Zachry				
" (1)	28	I-35-29-10	M	28000
" (2)	29	C-33-29-10	M	30500
" (1)	30	A-33-29-10	M	43000
" (1)	31	I-33-29-10	M	50000
" (3)	32	K-34-29-10	M	23667
" (1)	33	K-33-29-10	M	36000
" (1)	34	I-34-29-10	M	68000
" (1)	35	O-10-28-10	M	48000
" (4)	36	K-35-29-10	M	29000
" (2)	37	I-11-28-11	M	35000
Acreage Factor 0.65				
" (1)	38	K-12-28-10	M	70000
Acreage Factor 0.72				
" (1)	39	K-11-28-10	M	66000
Acreage Factor 0.63				
" (1)	40	I-10-28-10	M	63000
Acreage Factor 0.62				
" (3)	41	O-12-28-10	M	37667
" (2)	42	K-10-28-10	M	44500
Acreage Factor 0.62				
" (1)	45	O-33-29-10	M	42000
"	47	M-34-29-10		Gas Well
" (18)	48	G-34-29-10	M	80000
" (1)	49	O-34-29-10	M	29000
" (1)	50	E-35-29-10	M	65000
"	51	M-35-29-10		Gas Well
" (2)	52	O-35-29-10	M	36000
" (1)	54	M-12-28-10	M	73000
" (1)	55	O-11-28-10	M	98000
"	56	M-11-28-10	M	Gas Well
" (2)	57	M-10-28-10	M	29000
BIG GAP PENNSYLVANIAN				
(40 Acre Spacing)				
Top Allowable 107				GOR Limit 2,000
S.E.R.H., INC.				
Navajo 32				
"	2	B-32-27-19		S.I.
Navajo Nation 20				
"	1	O-20-27-19		S.I.
Navajo Nation 29				
" (5)	3	J-29-27-19	M	6180
BACA GALLUP				
(40 Acre Spacing)				
Top Allowable 142				GOR Limit 2,000
UNION TEXAS PETROLEUM CORP.				
Newsom A				
" (3)	3	M-04-26-08	M	19000
"	5	M-03-26-08		Gas Well
" (1)	16	L-10-26-08	M	68000
Newsom B				
"	11E	P-05-26-08	M	Gas Well
" (1)	26	F-09-26-08	M	3900
Starr				
"	5	D-05-26-08		Gas Well
BISTI LOWER GALLUP				
(80 Acre Spacing)				
Top Allowable 160				GOR Limit 2,000
CHEVRON U.S.A., INC.				
Salge Federal A				
" (5)	4	J-03-25-13	M	TSTM
Southwest Bisti Federal				
"	1	C-03-24-10		S.I.
West Bisti Waterflood				
West Bisti Unit				
"	100	G-13-26-14		S.I.
"	102	L-18-26-13		S.I.
"	103	P-18-26-13		S.I.
" (16)	104	N-18-26-13	M	TSTM
" (4)	106	D-19-26-13	M	TSTM
" (1)	107	B-19-26-13	M	TSTM
"	109	H-20-26-13		S.I.
" (4)	110	F-20-26-13	M	TSTM
" (10)	114	L-20-26-13	M	TSTM
" (3)	115	J-20-26-13	M	TSTM
"	118	P-20-26-13		S.I.
" (4)	119	N-20-26-13	M	TSTM
"	121	C-29-26-13		S.I.
" (1)	123	C-28-26-13	M	TSTM
" (1)	124	A-28-26-13	M	TSTM

"	(1)	126	E-27-26-13	M	TSTM
"	(5)	127	G-28-26-13	M	TSTM
"		128	E-28-26-13		S.I.
"	(11)	129	K-28-26-13	M	TSTM
"		132	I-28-26-13		S.I.
"	(1)	134	I-27-26-13	M	TSTM
"	(5)	135	K-26-26-13	M	TSTM
"		136	O-26-26-13		S.I.
"	(10)	137	M-26-26-13	M	TSTM
"		139	O-26-26-13		S.I.
"	(1)	141	O-28-26-13	M	TSTM
"	(5)	142	M-28-26-13	M	TSTM
"	(12)	145	A-34-26-13	M	TSTM
"		146	C-35-26-13		S.I.
"	(5)	148	F-36-26-13	M	TSTM
"	(12)	152	G-34-26-13	M	TSTM
"		154	I-35-26-13		S.I.
"	(5)	155	L-36-26-13	M	TSTM
"	(9)	156	J-36-26-13	M	TSTM
"		157	P-36-26-13		S.I.
"	(10)	158	N-36-26-13	M	TSTM
"		159	O-35-26-13		S.I.
"	(4)	160	C-01-25-13	M	TSTM
"		161	A-01-25-13		S.I.
"		162	G-01-25-13		S.I.
"	(5)	163	E-03-25-13	M	TSTM
"		165	O-01-25-13		S.I.
"		101	I-13-26-14		WI
"		108	I-20-26-13		"
"		113	J-19-26-13		"
"		116	K-21-26-13		"
"		117	M-21-26-13		"
"		120	B-20-26-13		"
"		122	A-29-26-13		"
"		125	G-27-26-13		"
"		133	K-27-26-13		"
"		140	M-27-26-13		"
"		143	A-33-26-13		"
"		144	D-34-26-13		"
"		147	D-36-26-13		"
"		150	G-35-26-13		"
"		151	E-35-26-13		"
"		153	K-35-26-13		"
"		166	A-12-26-13		"

GEORGE E. COLEMAN
Dry Creek
" 1 I-05-24-10 Gas Well
Acreage Factor 4.0
" 2 D-05-24-10 SI
Acreage Factor 2.0
" 3 K-31-25-10 SI
Acreage Factor 2.0
" 4 C-36-25-11 SI
Acreage Factor 2.0

Bisti
" (7) 2 O-23-25-11 M TSTM
Navajo Wood
" (2) 1 A-06-24-10 M 15000
" 2 C-09-24-10 SI

CROSS CREEK CORP.
Old Trading Post
" (4) 1 P-10-26-14 M TSTM

DUGAN PRODUCTION CORP.
April Surprise
" (2) 3 D-19-24-09 M 5750
" (3) 4 L-19-24-09 M 548
Bedford
" (5) 1 E-15-24-11 M 1648

Big Eight
" (9) 1 L-08-24-09 M 5927
" (3) 1E O-08-25-09 M 3786
Fabulous Fed.
" (7) 1 D-31-24-09 M 3141
Holly
" (3) 1 L-16-24-09 M 8425
Ivy League
" (6) 1 A-17-24-09 M 3478
J.C. Daum
" 1 I-26-25-11 S.I"
July Jubilee
" (16) 1 G-30-24-09 M 272

"	(3)	2	D-29-24-09	M	6187
"	(5)	3	L-29-24-09	M	3526
June Joy					
"	(2)	2	B-25-24-10	M	4798
Largo Federal B					
"	(5)	1	A-22-24-09	M	3803
March On					
"	(32)	1	F-32-24-09	M	3033
Mary Anne					
"	(2)	1	M-09-24-09	M	2756
"	(3)	3	L-09-24-09	M	3533
MF					
"	(3)	1	L-18-24-09	M	2993
"		3	I-14-24-10		S.I.
"	(4)	4	H-14-24-10	M	2295
Merry May					
"	(3)	1	I-24-24-10	M	5286
Muddy Mudda					
"	(2)	1	D-21-24-10	M	2696
Pac Ten					
"	(8)	1	P-07-24-09	M	5527
Paul Revere					
"	(3)	210	L-22-26-13	M	2024
Rodeo Rosie					
"	(2)	1	A-22-24-20	M	3036
Sears Roebuck					
"		1	A-05-24-10		S.I.
"		2	H-05-24-10		Gas Well
Sixteen G's					
"	(10)	1	E-07-24-09	M	3228
"	(4)	3	C-07-24-09	M	4733
South Huerfano Federal					
"	(1)	1	M-15-24-09	M	34429
WAC					
"	(3)	1	D-17-24-09	M	4262

BENJAMIN ELENBOGEN
F.R. Jackson
" 1 E-15-24-09 No C-116

FOUR CORNERS EXPLORATION CO.
S. Bisti Federal 29
" (11) 1 A-27-25-12 M 1387

W.M. GALLAWAY
Bittoney Nez
" 1 G-23-25-11 M TSTM

HICKS OIL & GAS, INC.
Bisti State
" 1 E-02-25-13 S.I.
Bisti State Com
" (109) 1 M-02-25-13 M TSTM

HIXON DEVELOPMENT CO.
Adelaide Hixon
" (40) 1 L-22-25-12 M 450
Alexandra Ballard
/ (30) 1 F-30-25-11 M 667
Ananya Hixon
/ (48) 1 E-29-25-11 M 521
Ando Hixon
"/ (247) 1,2 C,F-31-25-11N160 729
A.P. Hixon
" (23) 1 E-21-25-11 M 200
A.P. Hixon Com
" (20) 1E A-21-25-11 M 1500
Bad Land Federal
" 6 1 A-13-25-13 M 1183
" 6 2 P-12-25-13 M 717
" 4 3 I-13-25-13 M 975
Betsy Geiger
" (53) 1 D-18-25-12 M 377
Black Hill Mesa
" (1) 1 G-17-25-12 M 1000
Bob Brewer
" (108) 1 L-21-25-12 M 305
Bryan Simpson
" (35) 1 D-32-25-11 M 343
Carson Unit 7
" (3) 3 L-07-25-11 M 1280
Carson Unit 10
" (2) 23 K-10-25-11 M 600
" 24 F-10-25-12 S.I.
" (6) 33 J-10-25-12 M 877

"		34	O-10-25-12		S.I.
"	(10)	43	I-10-25-12	M	1250
"		44	P-10-25-12		S.I.
Carson Unit 13					
"	(2)	12	K-13-25-12	M	1500
"	(3)	14	M-13-25-12	M	800
"		21	C-13-25-12		S.I.
"		23	K-13-25-12		S.I.
"		24	N-13-25-12		S.I.
"	(3)	31	B-13-25-12	M	1472
"	(8)	32	G-13-25-12	M	1125
"		33	J-13-25-12		S.I.
"		42	H-13-25-12		S.I.
"		43	I-13-25-12		S.I.
"		44	P-13-25-12		S.I.
Carson Unit 14					
"		11	D-14-25-12		S.I.
"		14	M-14-25-12		S.I.
"		21	C-14-25-12		S.I.
"	(3)	31	B-14-25-12	M	1333
"		33	J-14-25-12		S.I.
"		34	O-14-25-12		S.I.
"	(6)	42	H-14-25-12	M	833
Carson Unit 15					
"	(5)	24	N-15-25-12	M	729
"		31	B-15-25-12		S.I.
"		32	G-15-25-12		S.I.
"		33	J-15-25-12		S.I.
"	(24)	34	O-15-25-12	M	833
"	(2)	41	A-15-25-12	M	588
"		43	I-15-15-12		S.I.
Carson Unit 17					
"	(4)	32	G-17-25-11	M	1562
"		43	I-17-25-11		S.I.
Carson Unit 18					
"		23	K-18-25-11		S.I.
"		24	N-18-25-11		S.I.
"		33	J-18-25-11		W.I.
"		34	O-18-25-11		S.I.
"	(1)	41	A-18-25-11	M	1000
"	(2)	44	P-18-25-11	M	909
Carson Unit 19					
"	(2)	12	E-19-25-11	M	714
"		21	C-29-25-11		S.I.
"		23	K-19-25-11		S.I.
	(32)	33,43	J,I-19-25-11	M	969
"		34	O-19-25-11		S.I.
"		41	A-19-25-11		S.I.
Carson Unit 20					
"		4	C-20-25-11		W.I.
Carson Unit 24					
"		1	F-24-25-11		S.I.
George Turpin					
"	(7)	1	K-26-25-12	M	257
Ginny Corbett					
/	(227)	1,2	J,I-31-25-1[illegible]160N		1000
Hunter Foster					
"	(136)	1	G-26-25-12	M	485
Hunter Wash					
"	(2)	2	D-22-25-12	M	599
Irene Whitney					
"	(3)	1	K-21-25-11	M	15769
Jake Johnson					
/	(85)	1	L-32-25-11	M	439
Joe Hixon					
"	(60)	1	N-22-25-12	M	433
Karen Hixon					
"	(175)	1	A-36-25-12N160		194
Lex Hixon					
"	(60)	1	E-26-25-12	M	400
Mudge					
"	(9)	8	J-16-25-11	M	481
E.W. Mudge					
"	(57)	6,7	O,P-16-25-11	M	2825
Polly Turpin					
"	(38)	1	B-27-15-12	M	105
Ray Bridges					
"	(15)	1	L-25-25-12	M	200
Renate Hixon					
"	(41)	1	J-21-25-12	M	415
South Bisti					
"	(5)	1	P-03-25-13	M	TSTM
South Carson Fed. 23					
"	(6)	5	E-23-25-12	M	616
South Carson Fed. 25					
"	(2)	8	H-25-25-12	M	500
Tono Hixon					
"	(53)	1	N-25-25-12	M	1226
Whee Whitney					
"	(20)	1	C-27-25-12	M	400

Yomamasan					
/	(50)	1	N-31-25-11	M	253

CENTRAL BISTI L.P.G GAS WATER INJECTION PROJECT
Central Bisti Unit

"	(14)	1,81	M,N-31-26-12	M	336
"	(10)	4	C-06-25-12	M	478
"	(3)	6	K-06-25-12	M	333
"	(10)	8	K-05-25-12	M	310
"	(5)	9	I-05-25-12	M	400
"	(13)	10	K-04-25-12	M	461
"		11	I-04-25-12		S.I.
"		12	K-03-25-12		S.I.
"	(9)	13	A-09-25-12	M	571
"	(3)	16	D-09-25-12	M	333
"	(6)	18	C-18-25-12	M	673
"	(8)	19,75	A,B-07-25-12	M	375
"	(7)	22,62	E,F-09-25-12	M	161
"	(12)	23	H-09-25-12	M	358
"	(2)	24	F-10-25-12	M	500
"	(6)	26	I-09-25-12	M	333
"		27	K-09-25-12M		S.I.
"	(7)	29,30	I,J-08-25-12	M	234
"	(9)	31,32	K,L-08-25-12	M	339
"	(15)	33,97	I,J-07-25-12	M	400
"		35	N-09-25-12		S.I.
"		36	O-09-25-12		S.I.
"	(10)	37	M-10-25-12	M	300
"	(35)	38,96	A,H-16-25-12	M	371
"	(15)	40,44	C,F-16-25-12	M	205
"	(10)	42,94	A,B-25-12-12	M	375
"	(5)	43	C-17-25-12	M	426
"		45	E-15-25-12		S.I.
"		46	I-16-25-12		S.I.
"	(6)	48	I-17-25-12	M	357
"		51	A-21-25-12		S.I.
"	(15)	52,82	O,P-31-26-12	M	467
"	(9)	53	G-05-25-12	M	333
"	(13)	54,79	E,F-05-25-12	M	307
"	(18)	55,77	O,P-06-25-12	M	361
"	(18)	57,84	O,P-05-25-12	M	444
"	(2)	58	O-04-25-12	M	625
"	(8)	59	M-03-25-12	M	390
"	(11)	60	E-10-25-12	M	273
"		61	G-09-25-12		S.I.
"	(35)	64,85	G,H-07-25-12	M	300
"	(12)	67,80	A,B-06-25-12	M	375
"	(11)	68	M-08-25-12	M	392
"	(5)	69	B-16-25-12	M	222
"	(10)	74,70	N,M-04-25-12	M	400
"	(17)	71	P-09-25-12	M	429
"	(1)	72	J-09-25-12	M	500
"	(6)	73	O-08-25-12	M	545
"	(14)	76	H-06-25-12	M	242
"	(9)	83	D-05-25-12	M	340
"	(6)	86	F-07-25-12	M	338
"	(10)	95	L-04-25-12	M	416
GI					
"		4	G-06-25-12		Input
"		14	G-08-25-12		"
"		2	E-06-25-12		"
"		3	M-06-25-12		"
"		5	D-06-25-12		"
"		13	A-08-25-12		"
"		14	L-10-25-12		"
"		63	E-08-25-12		"
"		66	M-32-26-12		"
"		78	N-06-25-12		"
"		88	B-08-25-12		"

MERIDIAN OIL, INC.
Brookhaven A
" (12) 2 O-29-25-10 M 67

MERRION OIL & GAS CORP.
Serendipity
" (5) 1 J-26-26-13 M TSTM

JEROME P. McHUGH
Bettin on Bisti 30
" (129) 1 G-30-25-11 M 85
Lost Wapiti 15
" (40) 13 M-15-25-11 M 136

PETRO CORP
Delo

"		12	K-26-25-11		Gas Well
Acreage Factor 1.00					

H.H. SHOCKLEY
Patty

"	(2)	1	I-27-25-11	M	7000

RICHARD D. SIMMONS
Federal 6

"	(8)	1	L-06-24-09	M	250

SOUTHERN UNION EXPLORATION CO.
Champlin Federal

"	(9)	1	D-11-25-13	M	TSTM
"		3	A-10-25-13		S.I.
Berry Federal					
"	(10)	1	C-11-25-13	M	TSTM
South Bisti					
"	(5)	1	P-03-25-13	M	TSTM

TEXACO, INC.
Dome Old Trading Post

"	(10)	2	A-15-26M14	M	TSTM
Old Trading Post					
"	(4)	1	N-10-26-14	M	TSTM

UNION PACIFIC RESOURCES CO.
Federal 13-3

*/	(5)	1	L-03-24-10	M	6800
Federal 33-29					
"/	(10)	1	J-29-25-11	M	1900

UNION TEXAS PETROLEUM CORP.
F-13-24-10

"		1	B-13-24-10		S.I.
"		2	C-18-24-09		S.I.

KAISER-FRANCIS OIL CO.
State

"/		1	D-16-24-09	M	

BISTI GALLUP, SOUTH
(80 Acre Spacing)
Top Allowable 222 GOR Limit 2,000

DUGAN PRODUCTION CORP.
April Surprise

"	(4)	5	B-07-23-09	M	2534
"	(8)	6	H-07-23-09	M	1501
August					
"	(2)	1	M-35-24-10	M	10464
Bronze Medal					
"/	(34)	2	E-03-23-10	M	1319
"	(6)	1	D-03-23-10	M	2420
Calgary					
"	(82)	2	G-06-23-10	M	183
"	(32)	88	A-06-23-10	M	676
Champ					
"/	(26)	1	C-05-23-10	M	909
"/	(75)	2	E-05-23-10	M	638
"/	(44)	3	A-05-23-10	M	747
"/	(57)	4	G-05-23-19	M	627
"/	(44)	5	I-05-23-10	M	673
"/		6	O-05-23-10	M	
December Dream					
"	(7)	1	C-07-23-09	M	2210
Fairway					
"	(5)	1	M-01-23-10	M	2700
Gold Medal					
"	(2)	1	H-34-24-10	M	12321
"	(10)	2	K-33-24-10	M	1875
"	(22)	3	I-31-24-10	M	791
"	(21)	4	M-33-24-10	M	966
"	(16)	5	O-31-24-10	M	1093
"	(26)	6	K-31-24-10	M	444
Jim Thorpe					
"	(6)	1	G-03-23-10	M	2165
Lake Placid					
"	(4)	1	I-04-23-10	M	6863
Louie Louie					
"	(7)	1	L-08-23-09	M	1481
Marathon					

"	(11)	1	A-04-23-10	M	2467
"	(34)	2	G-04-23-10	M	3025
Mary Lou					
"	(3)	1	A-32-24-10	M	3198
"	(5)	2	G-32-24-10	M	1658
"	(22)	3	I-32-24-10	M	1214
"	(28)	4	O-32-24-10	M	689
"	(30)	5	K-32-24-10	M	667
"	(38)	6	M-32-24-10	M	418
Montreal					
"	(6)	1	C-04-23-10	M	1879
"	(92)	2	E-04-23M10	M	1037
Oktoberfest					
"	(4)	1	A-36-24-10	M	3460
Olympic					
"	(5)	1	I-03-23-10	M	2933
"	(9)	2	O-03-23-10	M	1994
"	(17)	3	K-03-23-10	M	1957
"	(16)	4	M-03-23-10	M	1790
Olson					
"	(4)	1	I-11-23-10	M	2804
Seoul					
"	(5)	88	A-09-23-10	M	2898
Silver Medal					
"	(5)	1	M-27-24-10	M	3931
Squaw Valley					
"	(10)	1	K-04-23-10	M	2945
St. Louis					
"	(4)	12	C-09-23-10	M	3249
Wit's End					
"	(4)	1	O-02-23-10	M	2616
"	(7)	2	I-02-23-10	M	1921
"	(4)	3	K-02-23-10	M	4238
"	(3)	4	M-02-23-10	M	4598
Witty					
"	(3)	2	G-12-23-10	M	4158
"	(8)	3	E-12-23-10	M	1274
"	(8)	4	C-12-23-10	M	2158
"	(7)	5	A-12-23-10	M	1808
"	(5)	6	K-12-23-10	M	2086

YATES PETROLEUM CORP.
Squash Blossom State

"	(45)	1	N-36-24-10	M	2578

BLACKEYE-DAKOTA
(40 Acre Spacing)
Top Allowable 80 GOR Limit 2,000

BLACK OIL, INC.
Blackeye

"		1	M-29-20-09	S.I.

BLACKEYE-MESAVERDE
(40 Acre Spacing)
Top Allowable 80 GOR Limit 2,000

GEO ENGINEERING, INC.
Federal A

"		1	H-30-20-09	S.I.

ROBERT M. & MARJORIE WILKINSON
Jaco

"	(11)81S9Y,	58	D-32-20-09	M	TSTM

BLANCO TOCITO, SOUTH
(80 Acre Spacing)
Top Allowable 222 GOR Limit 2,000

CAULKINS OIL COMPANY
Breech C

"	(10)	144	A-12-26-06	M	5000
Breech E					
"/	(7)	89E	E-03-26-06	M	11285
Breech F					
"/	(26)	1E	M-33-27-06	M	3385

MERIDIAN OIL, INC.
Jicarilla 152 W

"/		3	D-07-26-05	S.I.

BLOOMFIELD-FARMINGTON
(40 Acre Spacing)

Top Allowable 80 GOR Limit 2,000

EL PAMCO, INC.
Sullivan

"	(4)	8	G-25-29-11	M	7500

KENDALL & ASSOCIATES, INC.
Hare

"	(12)	1,2,3,4	G-23-29-11	M	584

JAMES H. & KATHRINE L. MOLL
Hare

"		1	O-14-29-11	S.I.

BLUE MESA-MESAVERDE
(40 Acre Spacing)
Top Allowable 80 GOR Limit 2,000

FOLK & BURGE OIL, INC.
FBC

"	(12)	1	L-12-29-05	M	TSTM

WOOSLEY OIL CO.
Ptasynski A

"		2	J-11-19-05	S.I.

BOULDER-MANCOS
(80 Acre Spacing)
Top Allowable 80 GOR Limit 2,000

DUGAN PRODUCTION CORP.
Boulder

"		1	E-14-28-01		T.A.
"		2	E-23-28-01		T.A.
"	(2)	3	M-23-28-01	M	TSTM
"		4	C-23-28-01		T.A.
"	(8)	6	K-23-28-01	M	TSTM
"		8	C-23-28-01		T.A.
"	(3)	10	D-23-28-01	M	TSTM
Cedar Springs					
"	(10)	1	M-14-28-01	M	TSTM

HOLCOMB OIL & GAS, INC.
Jic. Apache

"	(10)	3	J-26-28-01	M	TSTM
"	(10)	4	F-26-28-01	M	TSTM
"	(17)	6	N-26-28-01	M	333

CHA-CHA GALLUP
(80 Acre Spacing)
Top Allowable 187 GOR Limit 2,000

AMOCO PRODUCTION CO.
Gallegos Canyon Unit NP

"		84	D-26-28-13	Gas Well
Acreage Factor .25				

CONOCO, INC.
Fruitland Navajo

"		2	P-13-29-15	S.I.

DUGAN PRODUCTION CORP.
Pittam Pond

"	(4)	3	B-11-29-15	M	4889
"		4	M-01-29-15		T.A.

CENTRAL CHA CHA UNIT WATERFLOOD
CCU

"		1	O-31-29-13		T.A.
"	(3)	3,7	G-31-29-13	M	TSTM
"		5	C-31-29-13		T.A.
"		6	N-30-29-13		T.A.
Acreage Factor 1.07					
CCU					
"		4	K-31-29-13		Input

GREENWOOD HOLDINGS, INC.
Kirtland

"	(3)	1	A-13-29-15	M	7623
"	(2)	2	B-13-29-15	M	8479
"	(3)	4	E-18-29-15	M	5137

"	(2)	5	J-12-29-15	M	7345
"	(2)	6	C-13-29-15	M	10546
"	(1)	7	O-13-29-15	M	63000
"	(2)	8	O-11-29-15	M	743
"	(2)	9	K-12-29-15	M	2727
"	(5)	10	M-07-29-14	M	8427
"	(3)	11	C-18-29-14	M	10352
Kirtland 14					
"	(2)	1	A-14-29-15	M	3200
Kirtland 18					
"	(7)	1,3	A,B-18-29-14	M	5312

HICKS OIL & GAS, INC.
SECC Unit

"		2	J-07-28-13		S.I.
"		3	L-08-28-13		S.I.
"		4	L-09-28-13		S.I.
"		5	N-07-28-13		S.I.
"		7	N-08-28-13		S.I.
"		8	P-08-28-13		S.I.
"		9	N-09-28-13		S.I.
"		11,40	C,D-17-28-13		S.I.
"		12	B-17-28-13		S.I.
"		13	D-16-28-13		S.I.
"		14	B-16-28-13		S.I.
"	(11)	15	F-17-28-13	M	2146
"		16	H-16-28-13		S.I.
"		17	F-16-28-13		S.I.
"		18	H-16-28-13		S.I.
"	(60)	19	E-15-28-13	M	TSTM
"		20	J-17-28-13		S.I.
"		21	L-16-28-13		S.I.
"		22	J-16-28-13		S.I.
"	(60)	23	L-15-28-13	M	417
"	(20)	24	J-15-28-13	M	650
"		25	N-17-28-13		S.I.
"		26	P-17-28-13		S.I.
"		27	N-16-28-13		S.I.
"		29	N-15-28-13		S.I.
"		30	P-15-28-13		S.I.
"		31	B-21-28-13		S.I.
"		33	B-22-28-13		S.I.
"		34	F-22-28-13		S.I.
"		35	H-22-28-13		S.I.
"	(20)	36	J-08-28-13	M	900
"	(4)	38	L-22-28-13	M	1500
"	(8)	39	O-07-28-13	M	1875
"		37	J-15-28-13		InPut

LOBO PRODUCTION CO.
Hatch

"		1	C-14-29-15	S.I

Haynes Kennedy 7

"		1	O-07-29-14	T.A

Mesa Kirtland 11

"	(4)	1	C-11-29-15	M	375

SLAYTON OIL CORP.
NWCC WATERFLOOD
NWCC Unit 18

"	(7)	13	L-18-29-14	M	211
"	(10)	32	G-18-29-14	M	100
NWCC 20					
"	(5)	32	G-20-29-14	M	TST
"	(15)	41	A-20-29-14	M	TST
NWCC 21					
"	(1)	42	H-21-29-14	M	TST
NWCC 22					
"	(4)	34	O-22-29-14	M	TST
NWCC 25					
"	(6)	12	E-25-29-14	M	TST
"	(5)	14	M-25-29-14	M	TST
"	(4)	34	O-25-29-14	M	TST
NWCC 26					
"	(9)	14	M-26-29-14	M	TST
NWCC 27					
"	(5)	23	K-27-29-14	M	TST
"	(5)	41	A-27-29-14	M	TST
NWCC 28					
"		21	A-28-29-14		S.
NWCC 35					
"		34	O-35-29-14		S.
NWCC 36					
"		14	M-36-29-14		S.
"		34	O-36-29-14		S.
NWCC 17					
"		14	M-27-29-24		Inp

NWCC 21
" 43 I-21-29-14 "
NWCC 22
" 12 E-22-29-14 "
NWCC 25
" 32 G-25-29-14 "
NWCC 26
" 12 E-26-29-14 "
" 34 O-26-29-14
NWCC 28
" 21 C-28-29-14 "
NWCC 35
" 32 G-25-29-14 "
NWCC 36
" 12 E-36-29-14 "
" 32 G-36-29-14 "

SOUTHLAND ROYALTY CO.
Gallegos Canyon Unit
" 103 F-23-28-14 S.I.
" 104 L-23-28-13 S.I.
" 112 I-23-28-13 S.I.
" 113 M-14-28-13 S.I.
" 115 B-23-28-13 S.I.
" 116 K-24-28-13 S.I.
" 120 A-25-28-13 S.I.
" 129 C-30-28-13 S.I.
" 238 H-23-28-13 S.I.
" 97 D-23-28-13 S.I.
" 132 H-30-28-12 S.I.

S & I OIL COMPANY
Barbara
" (2) 1 P-12-29-15 M 2395
Bob Blanche
" (3) 1 L-12-29-15 M 2871
Dorothy
" (2) 1 I-11-29-15 M 6667
Moore
" 1 E-12-29-15 Gas Well
TRS EVI
" (2) 1 H-11-29-15 M 5988

CHACO WASH-MESAVERDE
(40 Acre Spacing)
Top Allowable 80 GOR Limit 2,000

BRANA CORP.
Santa Fe Pacific
" (2) 103,104 P-21-20-09 M TSTM
" (1) 106 M-22-20-09 M TSTM
State
" (8)28,32 A-28-20-09 M TSTM
" (3)24,27 B-28-20-09 M TSTM
" (1) 29 G-28-20-09 M TSTM
" (1) 33 H-28-20-09 M TSTM
"// 7,11,12 A-28-20-09 Input

GEO ENGINEERING, INC.
Santa Fe Pacific
" 110 P-21-20-09 S.I.
" 113 P-21-20-09 S.I.
" 114 N-22-20-09 S.I.

RMA CHACO WASH MV WATERFLOOD PROJECT
State
" 1,21 A-28-20-09 S.I.
" 2,3,10,13 B-28-20-09 S.I.
" 6,8 A-28-20-09 Input
" 9 B-28-20-09 "

COUNSELORS GALLUP-DAKOTA
(160 Acre Spacing)
Top Allowable 347 GOR Limit 2,000

BANNON ENERGY, INC.
Marcus
"// (3) 1 A-07-23-06 M 15000
"// (3) 2 J-06-23-06 M 16666
"// (5) 4 E-05-23-06 M 16000
Marcus A
"// (4) 1 L-08-23-06 M 10000
"// (4) 2 G-06-23-06 M 26250
"// (2) 3 D-17-23-06 M 16667

"// (9) 12 B-05-23-06 M 21667

BOLACK MINERALS
Gallo Canyon
" (3) 1 E-13-23-06 M 8333

DUGAN PRODUCTION CORP.
Buddy
" 1 P-15-23-06 S.I.
Celsius
" (2) 1 H-14-23-06 M 7500
" 2 E-14-23-06 S.I.
Enniskillen
" (3) 1 G-09-23-06 M 3198
" (4) 2 I-09-23-06 M 2708
Fahrenheit
" (4) 1 M-11-23-06 M 4860
" (5) 2 D-11-23-06 M 6519
Lough Erne
" (5) 1 G-04-23-06 M 9060
Strawberry
" (5) 1 L-03-23-06 M 6262
" (5) 2 E-03-23-06 M 8132

LOBO PRODUCTION
Gulf Federal 24
" 1 D-24-23-06 S.I.

JEROME P. McHUGH
Gallo Red
" 1 L-14-23-06 S.I
Gallo White
" 1 J-14-23-06 S.I.

MERRION OIL & GAS CORP.
Annie
" 1 L-10-23-06 S.I.
" (3) 2 O-10-23-06 M 4000
" (7) 3 G-10-23-06 M 2143
Enchilada
" (4) 1 B-16-23-06 M 2500
Glenmorangie
" (4) 1 M-09-23-06 M 2250
Margarita Com
" 1 H-15-23-06 S.I.
Rita
" (5) 1 E-09-23-06 M 1400
" 5 M-05-23-06 S.I.
Rita Com
" (3) 2 O-05-23-06 M 12000
" 3 K-15-23-06 S.I.
" 4 F-08-23-06 S.I.
Theodore Zink
" (5) 1 D-15-23-06 M 6800
Yarbrough Federal
" (3) 1 J-03-23-06 M 4333
Yarborough Fed. B
" (2) 3 D-10-23-06 M 4000

RAMSEY PROPERTY MANAGEMENT, INC.
Dever
" (4) 1 A-08-23-06 M TSTM

CUERVO-GALLUP
(40 Acre Spacing)
Top Allowable 107 GOR Limit 2,000

DUGAN PRODUCTION CORP.
ADOBE A
" (6) 1 F-29-24-08 M 1852
Kaibab Trail
" (3) 1 M-20-24-08 M 9774

CUERVO-MESAVERDE
(40 Acre Spacing)
Top Allowable 80 GOR Limit 2,000

DUGAN PRODUCTION CORP.
Sapp
" (4) 1 A-28-24-08 M TSTM

DEVILS FORK-GALLUP ASSOC.
(Spacing Oil-160 Gas-320)
Top Oil Allowable 347 GOR Limit 2,000
Top Gas Allowable 1388 MCFD

BANNON ENERGY, INC.
Grace Federal 24
" 1 C-24-24-07 S.I.
Lybrook 19
" 2 K-19-24-06 GW AF 1.00

ROBERT L. BAYLESS
John S. Dasko
" / (12) 1 I-11-24-07 M 1833
" / (11) 4 E-12-24-07 M 3750

BCO, INC.
Byrd
" (6) 1 A-23-24-07 M 7500
" (3) 5 O-23-24-07 M 12000
Zamora
" 1 C-29-24-06 GW AF 1.00

BOLACK MINERALS CO.
Canyon Largo Unit
" (2) 320 D-01-24-06 M 14000

FLAG REDFERN OIL CO.
Largo Spur
" 1 J-18-24-06 S.I.

KIMBELL OIL CO. OF TEXAS
Warren Federal
" (2) 4 A-35-25-06 M 8952

CURTIS J. LITTLE
Warren Federal
" (3) 3E H-26-25-06 M 4000

M & M PRODUCTION & OPERATION
Mexico Fed. A
" (5) 1 I-10-24-06 M 3313

T.H. McELVAIN OIL & GAS PROPERTIES
Miller A
" (1) 1 A-13-24-07 M 3000
Miller B
" 5 N-12-24-07 S.I.
" (6) 6 G-12-24-07 M 4167

MERIDIAN OIL, INC.
Canyon Largo Unit
" 89 M-17-24-06 S.I.
" 144 D-17-25-06 S.I.
" 324 K-20-24-06 GW AF 1.00
Harvey State
" (13) 10 L-32-25-06 M 6349

MERRION OIL & GAS CORP.
Box Canyon Com
" (2) 1 M-15-25-06 M 14000
Canada Mesa
" (12) 3E D-14-24-06 M 9833
Canada Mesa Com
" 4 A-10-24-06 M S.I.
" 4E F-10-24-06 M S.I.
Canyon Largo Unit
" (1) 119 E-15-24-06 M 1000
" 126 O-09-24-06 S.I.
" 127 E-08-24-06 GW AF .50
" (4) 128 M-06-24-06 M 3250
" (2) 129 G-08-24-06 M 5000
" (2) 130R C-09-24-06 M 6000
" (4) 131R H-09-24-06 M 2750
" 182 P-02-24-07 S.I
" 298 A-03-24-06 GW AF .50
" 299 O-04-24-06 S.I.
" (3) 300 I-08-24-06 M 3333
" (2) 301 M-04-24-06 M 27000
" 302 J-03-24-06 S.I

" 303 O-05-24-06 GW AF .50
" (8) 304 C-11-24-06 M 9000
" 305 A-11-24-06 S.I.
" (15) 306 K-11-24-06 M 9067
" 307 I-11-24-06 S.I.
" (1) 308 G-05-24-06 M 13000
" 310 G-04-24-06 S.I.
Acreage Factor 1.12
" 311 F-03-24-06 GW AF .56
" (5) 313 A-28-25-06 M 29200
" 315 F-28-25-06 GW AF .56
" (6) 316 N-21-25-06 M 8833
" (13) 317 E-21-25-06 M 9462
" (9) 319 M-28-25-06 M 11667
" (2) 321 A-32-25-06 M 9000
" (2) 325 G-33-25-06 M 7000
" (10) 326 C-33-25-06 M 16200
" (5) 327 O-32-25-06 M 5600
" (3) 328 E-05-24-06 M 8667
" (5) 331 A-06-24-06 M 15000
Acreage Factor 1.09
" (20) 332 A-01-24-07 M 3650
" (20) 333 E-01-24-07 M 1500
Acreage Factor .55
" (3) 335 F-32-25-06 M 26000
" 337 L-05-24-06 GW AF .50
" (5) 338 J-06-24-06 M 16600
" (10) 339 C-06-24-06 M 12600
Acreage Factor .52
" (10) 340 I-01-24-07 M 9600
" (12) 341 N-01-24-07 M 4500
" (6) 342 K-20-25-06 M 8000
" (3) 343 K-29-25-06 M 11000
" (5) 344 K-30-25-06 M 15000
" (13) 345 P-36-25-07 M 6923
" 356 P-20-25-06 S.I.
" (8) 357 P-29-25-06 M 10250
" (20) 358 I-30-25-06 M 7350
" (15) 359 K-31-25-06 M 3933
Canyon Largo Unit Com
" (8) 314 J-21-25-06 M 10375
Canyon Largo Unit NP
" 185 K-03-25-06 * S.I.
Edna
" 1 M-07-24-06 S.I.
" 3R D-07-24-06 * S.I.
Fikes Com
" (1) 1 M-27-25-06 S.I.
" (1) 2 F-27-25-06 M 28000
Gonzales Com
" (5) 1 N-22-25-06 M 7000
NCRA State
" 1 E-16-24-06 *GW AF .50
" 3 L-16-24-06 *GW AF .25
" 4 J-16-24-06* GW AF 1.00
Old Rock Com
" 3 J-28-25-06 S.I
Salazar G Com 21
" (3) 1 G-21-25-06 M 17667
Salazar G 22
" (5) 1 I-22-25-06 M 9600
Salazar G Com 22
" 3 E-22-25-06 S.I.
Salazar G Com 23
" (3) 1 M-23-25-06 M 14667
Salazar G Com 26
" 1 M-26-25-06 S.I.
Salazar G 27
" (3) 1 J-27-25-06 M 13333
" 2 A-27-25-06 S.I.
Salazar G 34
" (2) 1 K-34-25-06 M 18000
" (1) 2 I-34-25-06 M 17667
" (2) 3 E-34-25-06 M 20000
" (1) 4 H-34-25-06 M 10000
Warren G Com 26
" (2) 2 F-26-25-03 M 18500
Warren G 35
" (1) 1 K-35-25-06 M 23000
" (2) 2 I-35-25-06 M 20000
" (1) 3 C-35-25-06 M 5000

TEXACO, INC.
Farming E
" (1) 1E I-02-24-06 M 8000
" (3) 2 B-02-24-96 M 10333
3 K-02-24-06 S.I.
" (5) 4 D-02-24-06 M 1200
Acreage Factor .56

Mexico Federal 6
" 1 F-18-24-06 GW AF 1.00
Mexico Federal 0
" 1 M-10-24-06 M 5500

DEVILS FORK-MESAVERDE
(40 Acre Spacing)
Top Allowable 80 GOR Limit 2,000

MERRION OIL & GAS CORP.
Canyon Largo Unit
" (6) 121 A-17-24-06 M 7666
" (12) 122 D-08-24-06 M 416
" (3) 347 H-01-24-07 M 333
" 348 L-06-24-06 S.I.
" (55) 349 K-08-24-06 M 1836
" (5) 363 P-01-24-07 M 800
Edna
" (4) 3R D-07-24-06 M 12000
NCRA State
" (5) 1 E-16-24-06 M 8000
" (4) 3 L-16-24-06 M 9500
" (5) 4 J-16-24-06 M 9000

DUFERS POINT GALLUP-DAKOTA
(160 Acre Spacing)
Top Allowable 347 GOR Limit 2,000

AMOCO PRODUCTION CO.
Helen Hasuse
" (35) 1 B-08-25-08 M 20000

BCO, INC.
Nancy
" (3) 3 N-12-24-08 M 4000
" (5) 4 F-12-24-08 M 4000
" (16) 5 K-12-24-08 M 3000

W.B. HAMILTON
State 16 Com
" (10) 1 L-16-25-08 M 900

LOBO PRODUCTION
Scarecrow
" 1 P-04-24-08 No C-116

JEROME P McHUGH
Anabel
" 1 A-33-25-08 S.I.
Anabel A
" 1 P-28-25-08 S.I.
Anabel B
" (5) 1 K-27-25-08 M 1076
Anabel C
" 1 M-34-25-08 S.I.

MERIDIAN OIL, INC.
Burroughs Com H
" 10 D-36-26-09 Gas Well
Dow Marks Com
" 1 J-36-26-09 Gas Well
Hosteen Nez Begay
" (8) 1 D-13-25-09 M 4739
Huerfano
" (2) 283 D-35-26-09 M 48333
Nageezi
" 1 G-12-25-09 M
" (2) 2 I-01-25-09 M 48750
" 3 A-13-25-09 Gas Well
" 4 D-01-25-09 Gas Well
" 5 E-12-25-09 Gas Well
Pah
" (2) 1 N-06-25-08 M 33667

MERRION OIL & GAS CORP.
Custer Federal
" 1 M-05-25-08 S.I.
Federal A
" 1 D-10-24-08 S.I.
" 3 H-10-24-08 S.I.
Federal B
" 1 J-03-24-08 S.I.

Horsefly
" 1 M-11-24-08 S.I.
Jalapeno
" 1 C-16-25-08 S.I.
Keeling
" 1 B-20-25-08 S.I.
Presidio Fed.
" 1 L-19-25-08 S.I.
Roadrunner
" 1 E-02-24-08 S.I.
Shoofly
" 1 C-14-24-08 S.I.
" 2 A-15-24-08 S.I.
SOB Federal
" 1 E-08-25-08 S.I.
So. Huerfano
" 1 M-35-25-08 S.I.
Stephenson
" 2 I-07-25-08 S.I.
" 3 K-08-25-08 S.I.
" 4 D-08-25-08 S.I.
Stephenson Fed.
" 1 G-17-25-08 S.I.
Wagon Train
" 1 I-06-25-08 S.I.
Warito
" 1 B-25-25-08 S.I.
Wild Hare
" 1 D-11-24-08 S.I.
Yucca Com
" 1 H-02-25-09 S.I.

NOEL REYNOLDS
Paquenche A
" (5) 3 C-10-24-08 M TSTM
Acreage Factor .25

EAGLE MESA-ENTRADA
(40 Acre Spacing)
Top Allowable 750 GOR Limit 2,000

MERRION OIL & GAS CORP.
Federal 12
" 1 M-12-19-04 S.I.
Navajo 13C
" 1 D-13-19-04 S.I.
Navajo 14C
" 1 A-14-19-04 S.I.
Federal 11C
" 1 P-11-19-04 Input

ESCRITO-GALLUP ASSOCIATED
(Spacing Oil-80 Gas-320)
Top Oil Allowabale 187 GOR Limit 2,000
Top Gas Allowable 1496 MCFD

BANNON ENERGY, INC.
Connie 21
" (8) 1 I-21-24-07 M 1509
Goff 30
" (3) 5 E-30-24-07 [illegible]
Grace Fed. 21
" (8) 1 K-21-24-07 M 6494
Mesa 25
" 2 I-25-24-07 GW AF 1.00
" 3 M-25-24-07 S.I.

BCO, INC.
Bigbee
" (1) 1 O-16-24-07 M 3000
Bobby B
" (1) 2 B-31-24-06 M 4000
Escrito Gallup Unit
" (2) 1 P-12-24-08 M 3000
" (3) 2 O-12-24-08 M 3000
" (12) 3 A-13-24-08 M 4000
" (4) 4 M-07-24-07 M 4000
" (6) 5,22 E,F-18-24-07 M 10000
" (1) 6 C-18-24-07 M 6000
" (2) 7 G-18-24-07 M 4000
" 8 H-18-24-07 S.I.
" (6) 9,26 I,P-18-24-07 M 9000
" (5)10,27A A,H-18-24-07 M 7000
" (2) 11 L-17-24-07 M 4000
" (4)12,23 K,N-17-24-07 M 9000

" (2) 13 J-17-24-07 M 4500
" (9)15,29 A,H-20-24-07 M 12000
" (1) 16 L-16-24-07 M 8000
" (1) 17 M-16-24-07 M 6000
" (4)18,24 C,F-21-24-07 M 9000
" (3) 19 I-13-24-08 M 10000
" (4) 20 N-18-24-07 M 6000
" (4) 21 H-13-24-08 M 8000
" (5) 25 J-18-24-07 M 10000
" (6) 28 C-20-24-07 M 12500
Federal 1-22
" (11) 1,2 M,N-22-24-07 M 9000
Federal 1-27
" (4) 1 O-27-24-07 M 3500
Federal 2-26
" (4) 1 C-26-24-07 M 20000
Federal 3-21
" (4) 2 H-21-24-07 M 3500
" (6) 4 O-21-24-07 M 8000
" (4) 5 L-21-24-07 M 8000
Federal 4-26
" 1 G-26-24-07 GW AF .50
Federal 6-22
" (2) 1 K-22-24-07 M 12000
Lybrook
" (10) 2 I-22-24-07 M 6000
" (4) 4 J-22-24-07 M 4000
" (6) 6 G-22-24-07 M 4000
" (2) 7 A-27-24-07 M 8000
Lybrook 7-27
" (6) 2 I-27-24-07 M 18000
Smith
" (11) 4,5 F,C-13-24-08 M 6000
Stephenson
" (4) 1 D-22-24-07 M 3000

DUGAN PRODUCTION CORP.
Raspberry
"/ 1 M-26-24-07 S.I.
Slickhorn Gulch
"/ (9) 2 M-08-24-07 M 1544

LOBO PRODUCTION
Magnum
"/ (7) 1 I-28-24-07 M 5429

MERRION OIL & GAS CORP.
Federal A
" 2 P-22-24-08 S.I.

T.H. McELVAIN OIL & GAS
R.R. Zanotti
" (5) 1 C-34-24-07 M TSTM
Thirlway
" (10) 1 G-36-24-07 M 12000

NOEL REYNOLDS
Ake
" 1 I-11-24-08 S.I.
Acreage Factor .50

TEXACO, INC.
Dome Federal 34-24-1
" (22) 3 H-34-23-07 M 1909

UNION TEXAS PETROLEUM CORP.
F-27-24-7
" (10) 1 K-27-24-07 M 2400
Ernest
" (4) 1 D-27-24-07 M 4250
" 2 C-27-24-07 S.I.

R.W. WARNER
State
" (2) 1 D-36-24-07 M 26500

FRANCISCAN LAKE-MESAVERDE
(40 Acre Spacing)
Top Allowable 80 GOR Limit 2,000

BASIN FUELS, LTD.

Easter Flats
" (5) 1 H-12-20-06 M
Jay Jay
" 1 L-18-20-05
McCollum
" (7) 1 P-12-20-06 M
" (5) 2 P-12-20-06 M
" 3 O-12-20-06
Noo-Navajo
" (12) 1 A-13-20-06 M
" (8) 2 B-13-20-06 M
" (2) 3 G-13-20-06 M
" (2) 4 H-13-20-06 M
Scooter
" (3) 1 D-28-20-06 M
Slick
" (1) 2 G-07-20-05 M
Star
" (4) 1 M-07-20-05 M
" (14) 2 F-07-20-05 M
" 5 L-07-20-05
" (11) 6 M-07-20-05 M
" 7 K-07-20-05

JOEL B. BURR, JR.
Robinson-Coleman
" 1 B-13-20-06
" (13) 2 C-13-20-06 M

GALLEGOS-GALLUP, ASSOCIATED
(Spacing Oil-80 Gas-320)
Top Oil Allowable 187 GOR Limit
Top Gas Allowable 1496 MCFD

ALEXANDER ENERGY CORP.
Federal
" 1 G-27-27-13
" / (2) 2 I-27-27-13 M
Federal 27
" / (4) 9 L-27-27-13 M
Federal 27D
" (5) 8 D-27-27-13 M

AMOCO PRODUCTION COMPANY
Arroya
"// 1 C-25-26-12
Berger
"// 1 B-21-26-11
"// 4 C-22-26-11 G
Navajo Napie
"// 1 O-14-26-12 G
Navajo Yazza
"// (3) 1 A-23-26-12 M

BHP PETROLEUM, INC.
O.H. Randel
" / (2) 1 L-09-26-11 M
" / (5) 2 N-10-26-11 M
" / (6) 9 E-15-26-11 M
" / (6) 10 P-09-26-11 M
" / (6) 11 J-10-26-11 M
" / (2) 12 G-15-26-11 M

BK PETROLEUM, INC.
Frontier A
" 1 I-08-26-12 G

BEDFORD, INC.
Nelson
" 1 A-08-26-12 G

BENSON-MONTIN-GREER DRILLING CORP.
Greer
" 1 E-02-26-11

COLEMAN OIL & GAS, INC.
Navajo Smith
" 1 G-24-26-12
Nelson
" 1 C-13-26-12
" 2 G-14-26-12

PRODUCTION CORP.
oe
(5) 3 I-29-27-13 M 1994
B
(4) 1 O-02-26-12 S.I.
ock Fed B
1 L-08-26-11 S.I.
(5) 2 J-08-26-11 M 5754
Federal 1
1 L-24-26-11 S.I.
Ann
(5) 5 I-28-27-13 M 3950
(9) 6 K-28-27-13 M 1388
(7) 7 F-28-27-13 M 881
Billie Charlie
2 M-22-27-13 S.I.
n Fed.
2 J-06-26-11 S.I.
3 L-07-26-11 S.I.
4 F-07-26-11 S.I.
5 H-07-26-11 S.I.

P McHUGH
A
1 K-01-26-12 S.I.
3 G-23-26-11 GW AF .25

AN OIL, INC.
no Unit
(6) 112 F-17-26-10 M 8730
oddard
4 C-11-26-12 M

N OIL & GAS CORP.
y
(40) 2 O-21-27-13 M 1700
y J
(9) 1 M-21-27-13 M 3111
er
(4) 1 M-04-27-12 23750
Taylor A
(3) 2 E-17-26-11 M 9333
4 H-17-26-11 GW AF 1.00
(3) 5 I-17-26-11 M 28333
(4) 6 C-17-26-11 M 13750
Taylor C
1 M-04-26-11 S.I.
mi
(12) 1 A-28-27-13 M 2917
er
1 K-05-26-12 S.I.
B
2 K-36-27-13 S.I
n A
1R K-10-26-12 S.I.
(1) 2 L-03-26-12 M 15000
A
1 F-09-26-12 S.I.
an A
2 D-10-26-12 GW AF 1.00
n
1 N-07-26-11 S.I
2 P-07-26-11 GW AF .25
3 D-07-26-11 GW AF .25
4 B-18-26-11 GW AF .25
5 B-07-26-11 S.I.

AND ROYALTY CO.
1 12
(8) 14 N-12-26-11 M 6457
Kutz
1 B-11-26-11 S.I.
ort
1 C-14-26-11 GW AF .50

, INC.
avis
2 L-26-26-11 T.A.
oddard
(5) 4 C-11-26-12 M 17400
C
(2) 1 D-24-26-12 M 5500

GALLO-DAKOTA
(40 Acre Spacing)
Top Allowable 142 GOR Limit 2,000

AMERADA HESS CORP.
Jic. Apache B
" 16 K-29-24-05 S.I.

GAVILAN-GREENHORN-GRANEROS DAKOTA
(320 Acre Spacing)
Top Allowable 427 GOR Limit 2,000

MALLON OIL COMPANY
Fisher Federal 2
" 1 A-02-25-02 S.I.
Howard Federal 1
" 8 H-01-25-02 S.I.
" 11 K-01-25-02 S.I.
Rebeyovids Federal 2
" 16 P-02-25-02 S.I.

NM & O OPERATING CO.
Gavilan
" 1 A-26-25-02 * S.I.
" 3 E-26-25-02 * S.I.
Gavilan Howard
" 1 F-23-25-02 * S.I.

READING & BATES PETROLEUM CO.
Howard Federal 15
" 43 L-15-25-02 Gas Well

SUN EXPLORATION & PRODUCTION CO.
E.T.
" (1) 1 C-28-25-02 M 9000
Janet
" (1) 1 A-27-25-02 M 37000
" (1) 2 I-21-25-02 M 19000
Mother Lode
" (1) 1 H-03-24-02 M 24000
Native Son
" 2 N-27-25-02 T.A
Wright Way
" 1 C-03-24-02 No C-116

GAVILAN-MANCOS
(640 Acre Spacing)
Top Allowable 800 GOR Limit 2000

AMOCO PRODUCTION CO.
Bear Canyon Unit
" (709) 1 G-15-26-02 M 141
" (414) 2 C-10-26-02 M 121
" (346) 3 L-11-26-02 M 289
"/ (99) 4 M-02-26-02 M 950
"/ (277) 8 B-14-26-02 M 2274
Divide
" 1 H-35-26-02 S.I.
" (85) 3 K-35-26-02 M 494
Acreage Factor .50
Hill Trust Federal Fed. Com
" (273) 1 F-05-25-02 M 414
Acreage Factor .79
Oso Canyon Fed. A
" 1 F-14-24-02 S.I.
Acreage Factor .50
Oso Canyon Fed. B
" (19) 1 F-11-24-02 M 4684
Acreage Factor .50
Seifert Gas Com A
" (58) 1 P-22-26-02 M 4310
Simmons Federal Com
/ (197) 1 F-03-26-02 M 503
Tapacitos
" (6) 2 L-25-26-02 M 2333
Acreage Factor .50
" (53) 4 O-36-26-02 M 4754
Acreage Factor .50

DUGAN PRODUCTION CORP.
Bridge Com
" / (14) 1 J-28-26-02 M 21900
Evans Com
" / 1 F-21-26-02 SI

Lindrith
"/ (1) 1 O-36-25-02 M 19900
Acreage Factor .50

MALLON OIL COMPANY
Davis Federal 3
" (5) 15 O-03-25-02 M 16000
Acreage Factor .50
Fisher Federal 2
" (44) 1 A-02-25-02 M 8477
Acreage Factor .50
Howard Federal 1
" (114) 8 H-01-25-02*N75 *10640
Acreage Factor .50
" (124) 11 K-01-25-02*N56 *14089
Acreage Factor .50
Johnson Federal 12
" (18) 5 E-12-25-02 M 24611
Acreage Factor .50
Post Federal 13
" (15) 6 F-13-25-02 M 44000
Acreage Factor .50
Ribeyovids Federal 2
" (7) 16 P-02-25-02 M 56286
Acreage Factor .50

MERRION OIL & GAS CORP.
Krystina
" (2) 1 K-14-24-02 M 28000
Oso Canyon Gas Com C
" 1 F-13-24-02 S.I.
Acreage Factor .50

MOBIL PRODUCING TX & NM, INC.
Cheney Fed B
/ (160) 1 A-08-26-02 M 3194
Lindrith B Unit
" (35) 34 G-32-25-02 M 4457
Acreage Factor .50
"/ (228)37,38 G-04-24-02 M 3851
Acreage Factor 1.02
" (2) 72 A-08-24-02 M 23000
Acreage Factor .50
" (5) 73 A-06-24-02 M 18000
Acreage Factor .50
" (10) 74 A-09-24-02 M 48300
Acreage Factor .50

NM & O OPERATING CO.
Bearcat
" (11) 1 O-22-25-02 M 28364
Acreage Factor .50
Brown
" (99) 1 N-17-25-02 M 9249
Acreage Factor .79
Federal Invader
" (7) 1 D-01-24-02 M 7286
Gavilan
" (12) 1 A-26-25-02 M 33800
Acreage Factor .50
" 2 J-26-25-02 No C-116
Acreage Factor .50
" (5) 3 E-26-25-02 M 21400
Acreage Factor .50
Gavilan Howard
" (7) 1 F-23-25-02 M 55692
Acreage Factor .50
Hellcat
" (5) 1 F-22-25-02 M 32400
Acreage Factor .50
Marauder
" (39) 1 N-08-25-02 M 7410
Acreage Factor .50
Rucker Lake
" (6) 2 K-24-25-02 M 66000
Acreage Factor .50
" (6) 3 L-25-25-02 M 34660
Acreage Factor .50

READING & BATES PETROLEUM CO.
Howard Federal 15
" (13) 43 L-15-25-02 M 20000
Acreage Factor .50
Ingram Federal 16
" (110) 43 I-16-25-02 M 2182

Acreage Factor .50

SOUTHLAND ROYALTY CO.
Hawk Federal
" (11) 2 C-35-25-02 M 30182
Acreage Factor .50
" (17) 3 K-35-25-02 M 10353
Acreage Factor .50
Hill Federal
" 1 C-24-25-02 Gas Well
Acreage Factor .50
" (21) 2Y G-25-25-02 M 11136
Acreage Factor .50
" (22) 3 D-36-25-02 M 10778
Acreage Factor .50

SUN EXPLORATION & PRODUCTION CO.
Beek's Babbit"
" (68) 1 G-17-25-02 M 3221
Acreage Factor .50
Boyt & Lola
" 1 I-11-24-02 S.I.
Acreage Factor .50
Boyt & Lola A
" (3) 2 D-12-24-02 M 14667
Acreage Factor .50
Dr. Daddy-O
" (15) 1 C-33-25-02 M 14533
Acreage Factor .50
Dewey Bartlett
" 1 I-04-25-02 S.I.
Acreage Factor .50
E.T.
" (2) 1 C-28-25-02 M 66500
Acreage Factor .50
Full Sail
" (53) 1 O-29-25-02 M 2019
Acreage Factor .50
Full Sail A
" (5) 2 I-28-25-02 M 20000
Acreage Factor .50
Full Sail B
" (17) 3 F-29-25-02 M 5353
Acreage Factor .50
Full Sail C
" 4 I-30-25-02 S.I.
Acreage Factor .29
Greener Grass
" (3) 1 J-10-24-02 M 32333
Acreage Factor .50
High Adventure
" (323) 1 H-08-25-02 M 1950
" (69) 2 M-09-25-02 M 5406
Acreage Factor .50
Homestead Ranch A
" (20) 2 N-34-25-02*N15 *51650
Acreage Factor .50
Janet
" (6) 1 A-27-25-02 M 34500
Acreage Factor .50
Janet A
" 2 I-21-25-02 Gas Well
Acreage Factor .50
Janet B
" (17) 3 E-21-25-02 M 3588
Acreage Factor .50
Lady Luck
" (24) 1 A-05-24-02 M 3958
Acreage Factor .51
Loddy
" (47) 1 F-20-25-02 M 10340
Acreage Factor .50
Mother Lode
" (16) 1 H-03-24-02 M 8375
Acreage Factor .52
Mother Lode A
" (34) 2 K-03-24-02 M 13324
Acreage Factor .50
Native Son
" (20) 1 A-34-25-02 M 17650
Acreage Factor .50
Native Son A
" (96) 2 N-27-25-02 *N *11709
Acreage Factor .50
Native Son B
" (17) 3 I-33-25-02 M 12118
Acreage Factor .50
New Horizon

" (2) 1	O-02-24-02	M	15000	
Acreage Factor .50				
Twilight Zone				
" 1	J-12-24-02		S.I.	
Acreage Factor .50				
Wildfire				
" (5) 1	N-26-26-02	M	96000	
Acreage Factor .50				
Wright Way				
" 1	C-02-24-02		No C-116	
Acreage Factor .52				

HOGBACK-DAKOTA
(40 Acre Spacing)
Top Allowable 80 GOR Limit 2,000

J.M. RICHARDSON
Navajo 7

" 2	N-07-29-16		S.I.	
Navajo 7A				
" (5) 2	M-07-29-16	M	TSTM	
Navajo 18				
" 1	D-18-29-16		S.I.	
" (5) 6,9	F-18-29-16	M	TSTM	
" 2	G-18-29-16		S.I.	
" 3	B-18-29-16		S.I.	
" 4,12	C-18-29-16		S.I.	
" (3) 7,11	K-07-29-16	M	TSTM	
" (2) 8,10	J-07-29-16	M	TSTM	
Navajo 18A				
" (15) 1	O-07-29-16	M	TSTM	

TIFFANY GAS CO.
USG Section 18

" 27,33	N-18-29-16		S.I.	
USG Section 19				
" 2	C-19-29-16		S.I.	
" 7,9,23	B-19-29-16		S.I.	
" 37	H-19-29-16		S.I.	
" 15	G-19-29-16		S.I.	

HOGBACK-PENNSYLVANIAN
(160 Acre Spacing)
Top Allowable 382 GOR Limit 8,000

TIFFANY GAS CO.
USG Section 18

" (5) 38	B-30-29-16	M	85985	
" (38) 42	M-18-29-16	M	5029	
" (34) 43	F-18-29-16	M	4119	

HORSESHOE-GALLUP
(40 Acre Spacing)
Top Allowabale 80 GOR Limit 2,000

ABBOTT VENTURES
NE Hogback States N.M.

" 1	A-16-30-16		No C-115	

AMERICAN PENN ENERGY, INC.
Anador Federal 19

" (10) 1	K-19-30-15	M	3200	

ARCO OIL & GAS COMPANY
HORSESHOE GALLUP WATERFLOOD
Horseshoe Gallup Unit

" (4) 1	P-32-31-16	M	TSTM	
Acreage Factor .97				
" (2) 3	F-32-31-16	M	TSTM	
" (14) 18	N-30-31-16	M	TSTM	
" 28	J-31-31-16		S.I.	
" (2) 33	A-29-31-16	M	TSTM	
" (6) 34	I-29-31-16	M	TSTM	
" (6) 35	G-29-31-16	M	TSTM	
" (11) 36	C-29-31-16	M	TSTM	
" (2) 37	A-32-31-16	M	TSTM	
" (6) 38	O-29-31-16	M	TSTM	
" (3) 39	K-29-31-16	M	TSTM	
" (6) 40	E-29-31-16	M	TSTM	
" 140	O-05-30-16		S.I.	
" 142	A-08-30-16		S.I.	
" (6) 41	A-30-31-16	M	TSTM	
" (29)42,296	I-32-31-16	M	TSTM	
" (22)43,285	G-32-31-16	M	TSTM	

" (8) 44	C-32-31-16	M	TSTM	
" (8) 45	M-29-31-16	M	TSTM	
" (5) 46	I-30-31-16	M	TSTM	
" (8) 47	G-30-31-16	M	TSTM	
" (10)48,293,301	C-30-31-16	M	TSTM	
" (12) 49	O-32-31-16	M	TSTM	
Acreage Factor .97				
" (12) 50	K-32-31-16	M	TSTM	
" (22) 51,289	E-32-31-16	M	TSTM	
" (17) 52,295	A-31-31-17	M	TSTM	
" (02) 53	O-30-31-16	M	TSTM	
" (08) 54	K-30-31-16	M	TSTM	
" (31) 55	E-30-31-16	M	TSTM	
Acreage Factor 1.05				
" (7) 56	M-32-31-16	M	TSTM	
Acreage Factor .97				
" (2) 57	I-31-31-16	M	TSTM	
" (2) 58	G-31-31-16	M	TSTM	
" (3) 59	C-31-31-16	M	TSTM	
" (2) 60	M-30-31-16	M	TSTM	
Acreage Factor 1.05				
" (1) 68	O-14-31-17	M	TSTM	
" 70	B-14-31-17		S.I.	
" (1) 71	F-14-31-17	M	TSTM	
" (2) 72	G-14-31-17	M	TSTM	
" (2) 75	J-14-31-17	M	TSTM	
" (2) 76	I-14-31-17	M	TSTM	
" (1) 78	K-13-31-17	M	TSTM	
" (3) 81	M-13-31-17	M	TSTM	
Horseshoe Gallup Unit				
" (3) 83	O-13-31-17	M	TSTM	
" (4)84,291	A-23-31-17	M	TSTM	
" (1) 86	C-24-31-17	M	TSTM	
" (1) 88	A-24-31-17	M	TSTM	
" (21)90,287	E-24-31-17	M	TSTM	
" (19) 91	F-24-31-17	M	TSTM	
" 92	G-24-31-17		S.I.	
" (6) 94	E-19-31-17	M	TSTM	
Acreage Factor 1.07				
" (4) 98	K-24-31-17	M	TSTM	
" (3) 100	I-24-31-17	M	TSTM	
" (4) 102	K-19-31-17	M	TSTM	
" (6) 104	I-19-31-16	M	TSTM	
" (3) 106	K-30-31-16	M	TSTM	
" (12) 108	O-24-31-17	M	TSTM	
" (4) 109	P-24-31-17	M	TSTM	
" (4) 110	M-19-31-16	M	TSTM	
" (3) 112	O-19-31-16	M	TSTM	
" (3) 114	M-20-31-16	M	TSTM	
" (3) 116	O-20-31-16	M	TSTM	
" (4) 117	C-25-31-16	M	TSTM	
" (56)19,288	A-25-31-16	M	TSTM	
" 120	G-25-31-16		S.I.	
" (20) 121	H-25-31-16	M	TSTM	
" 123	I-25-31-16		S.I.	
" (3) 124	P-25-31-16	M	TSTM	
" (2) 127	C-05-30-16	M	TSTM	
Acreage Factor .95				
" (16) 129	A-05-30-16	M	TSTM	
" 131	E-05-30-16		S.I.	
" (5) 133	G-05-30-16	M	TSTM	
" (3) 146	P-21-31-16	M	TSTM	
" 149	A-28-31-16		S.I.	
" (4) 151	C-27-31-16	M	TSTM	
" (4) 153	G-28-31-16	M	TSTM	
" (3) 155	E-27-31-16	M	TSTM	
" (2) 157	G-27-31-16	M	TSTM	
" (4) 159	K-28-31-16	M	TSTM	
" (4) 161	I-28-31-16	M	TSTM	
" (5) 163	K-27-31-16	M	TSTM	
" (1) 165	I-27-31-16	M	TSTM	
" (5) 166	M-28-31-16	M	TSTM	
" (2) 168	O-28-31-16	M	TSTM	
" (8) 170	M-27-31-16	M	TSTM	
" (4) 172	M-27-31-16	M	TSTM	
" (1) 174	M-26-31-16	M	TSTM	
" (3) 176	O-26-31-16	M	TSTM	
" (5) 177	C-33-31-16	M	TSTM	
" 179	A-33-31-16		S.I.	
" (2) 181	C-34-31-16	M	TSTM	
" (5) 183	A-34-31-16	M	TSTM	
" (2) 185	C-35-31-16	M	TSTM	
" (4) 187	E-33-31-16	M	TSTM	
" (2) 189	G-33-31-16	M	TSTM	
" (4) 191	E-34-31-16	M	TSTM	
" (3) 193	G-34-31-16	M	TSTM	
" (1) 195	F-35-31-16	M	TSTM	
" (2) 197	G-35-31-16	M	TSTM	
" (11) 198	K-33-31-16	M	TSTM	
" (5) 200	I-33-31-16	M	TSTM	

" (4) 202	K-34-31-16	M	TSTM	
" (3) 204	I-34-31-16	M	TSTM	
Acreage Factor .97				
" (4) 206	K-35-31-16	M	TSTM	
" 208,290,298	M-33-31-16	M	TSTM	
Acreage Factor .95				
" (1) 209	N-33-31-16	M	TSTM	
" (5) 210	O-33-13-16	M	TSTM	
" 212	H-34-31-16		S.I.	
" 214	O-34-31-16		S.I.	
" (3) 216	N-35-31-16	M	TSTM	
" (3) 218	N-36-31-16	M	TSTM	
" (3) 220	C-04-30-16	M	TSTM	
" (4) 222	A-04-30-16	M	TSTM	
" 224	C-03-30-16		S.I.	
Acreage Factor .95				
" 226	A-03-30-16		S.I.	
" (2) 228	C-02-30-16	M	TSTM	
" (1) 230	A-02-30-16	M	TSTM	
" (20) 231	E-04-30-16	M	TSTM	
" (12)33,300	G-04-30-16	M	TSTM	
" (17) 234	H-04-30-16	M	TSTM	
" (2) 235	E-03-30-16	M	TSTM	
" 237	G-03-30-16		S.I.	
" (1) 239	E-02-30-16	M	TSTM	
" 241	G-02-30-16		S.I.	
" (4) 243	K-04-30-16	M	TSTM	
" (12)45,297	I-04-30-16	M	TSTM	
" 247	K-03-30-16		S.I.	
" 249	I-03-30-16		S.I.	
" 251	K-02-30-16		S.I.	
" 252	M-04-30-16		S.I.	
Acreage Factor .87				
" (3) 138	I-05-30-16	M	TSTM	
" 103	J-19-31-16		S.I.	
" 105	L-20-31-16		S.I.	
" 107	N-24-31-17		Input	
" 111	N-19-31-16		"	
" 113	P-19-31-16		S.I.	
" 115	N-20-31-16		Input	
" 118	B-25-31-17		"	
" 122	J-25-31-17		"	
" 126	D-05-31-16		S.I.	
Acreage Factor .95				
" 128	B-05-30-16		Input	
" 132	F-05-30-16		S.I.	
" 134	H-05-30-16		Input	
" 135	L-05-30-16		S.I.	
" 137	J-05-30-16		S.I.	
" 139	N-05-30-16		S.I.	
" 141	P-05-30-16		S.I.	
" 148	B-28-31-16		S.I.	
" 158	L-28-31-16		Input	
" 160	H-28-31-16		"	
" 162	L-27-31-16		S.I.	
" 167	N-28-31-16		Input	
" 169	P-28-31-16		S.I.	
" 178	B-33-31-16		Input	
" 199	J-33-31-16		Input	
" 211	P-33-31-16		Input	
Acreage Factor .95				
" 219	D-04-31-16		Input	
Acreage Factor .82				
" 221	B-04-30-16		Input	
" 223	D-03-30-16		"	
Acreage Factor .95				
" 225	B-03-30-16		S.I.	
" 227	D-02-30-16		S.I.	
" 229	B-02-30-16		S.I.	
Acreage Factor .97				
" 232	F-04-30-16		Input	
" 236	F-03-30-16		"	
" 238	H-03-30-16		S.I.	
" 240	F-02-30-16		S.I.	
" 242	L-04-30-16		Input	
Acreage Factor .97				
" 244	J-04-30-16		Input	
" (2) 254	D-04-30-16	M		
" (12) 255	P-04-30-16	M		
" (7) 256	M-03-30-16	M		
" 257	N-03-30-16		S.I.	
" (3) 258	O-03-30-16	M		
" 260	M-02-30-16		S.I.	
" (2) 262	C-09-30-16	M		
" (1) 264	A-09-30-16	M		
" (14) 266	C-10-30-16	M		
" 268	G-09-30-16		S.I.	
" (2) 270	E-10-30-16	M		
Acreage Factor .95				
" 272	I-09-30-16		S.I.	

" (5) 282	E-28-31-16	M		
" (1) 284	L-35-31-16	M		
" (12)86,294	J-30-31-16	M		
" (8) 292	J-34-31-16	M		
" 2	J-32-31-16			I
" 4	D-32-31-16			
" (7)5,299	P-30-31-16	M		
" 6	J-30-31-16			I
" 7	F-30-31-16			
" 8	O-30-31-16			
Acreage Factor 1.07				
" 9	B-30-31-16			I
" 10	H-30-31-16			
" 11	L-29-31-16			
" 12	N-29-31-16			
" 13	B-32-31-16			
" 14	N-32-31-16			
Acreage Factor .97				
" 15	L-32-31-16			I
" 16	M-31-31-16			
" 17	B-31-31-16			
" 19	L-30-31-16			
Acreage Factor 1.05				
" 20	H-32-31-16			I
" 21	P-29-31-16			
" 22	J-29-31-16			
" 23	F-29-31-16			
" 24	D-29-31-16			
" 25	H-29-31-16			
" 26	B-29-31-16			
" 27	P-31-31-16			I
Acreage Factor .95				
" 29	F-31-31-16			
" 30	D-31-31-16			I
" 65	L-33-31-16			
" 66	O-33-31-16			
" 67	A-15-31-16			
" 69	C-14-31-17			
" 73	H-14-31-17			
" 74	K-14-31-17			
" 77	L-13-31-17			
" 79	O-14-31-17			
" 80	P-14-31-17			
" 82	N-13-31-17			
" 85	O-24-31-17			
" 87	B-24-31-17			
" 89	O-19-31-16			
" 93	H-24-31-17			
" 95	F-19-31-16			
" 96	I-23-31-17			
" 97	L-24-31-17			
" 99	J-24-31-17			
" 101	L-19-31-16			
Acreage Factor 1.07				
" 246	L-03-30-16			
" 248	J-03-30-16			
" 250	L-02-30-16			
" 253	N-04-30-16			I
" 259	P-03-30-16			
" 261	O-09-30-16			
Acreage Factor .87				
" 263	B-03-30-16			
" 265	O-10-30-16			I
Acreage Factor .95				
" 276	F-09-30-16			I
" 269	H-09-30-16			
" 271	F-10-30-16			I
" 274	P-09-30-16			
" 275	J-09-30-16			

DUGAN PRODUCTION CORP.
Hogan

" (2) 5	F-32-32-17	M		

BHP PETROLEUM (AMERICAS), INC.
HORSESHOE GALLUP WATERFLOOD
Navajo

" (9) 2	I-05-31-17	M		
" (13) 3	J-05-31-17	M		
" 4	P-05-31-16			

NORTHEAST HOGBACK WATERFLOOD

" (5) 2	A-15-30-16	M		
" 5	C-15-30-16			
6	B-14-30-16			
" (3) 7	D-14-30-16	M		
" (18) 8	C-14-30-16	M		

(1) 21 D-15-30-16 M
(1) 22 G-15-30-16 M
26 G-10-30-16 S.I.
(3) 27 H-10-30-16 M
(3) 28 E-11-30-16 M
(3) 33 K-11-30-16 M
34 M-10-30-16 S.I.
creage Factor .97
(5) 35 N-10-30-16 M
(1) 36 0-10-30-16 M
(6) 38 M-11-30-16 M
(15) 39 N-11-30-16 M
(3) 40 J-10-30-16 M
(2) 41 I-10-30-16 M
46 G-14-30-16 S.I.
29 F-11-30-16 S.I.
30 L-10-30-16 S.I.
31 K-10-30-16 Input
32 L-11-30-16 S.I.
37 P-10-30-16 Input
45 B-14-30-16 S.I.

onald L. Hicks
te
// (6) 1 M-23-31-16 M
// (3) 2 0-23-31-16 M
// (2) 3 I-23-31-16 M

IGH PLAINS PETROLEUM, CORP.
estern Federal
(15) 1 0-11-30-16 M 138
2 J-11-30-16 S.I.

ARMAC PETROLEUM CORP.
ORSESHOE GALLUP WATERFLOOD
avajo Tribe Indian F
(16) 102 E-04-31-17 M TSTM
(35)1043590,162 D-04-31-17 M "
(9) 105 0-04-31-17 M "
(24)1062894,162 A-09-31-17 M "
(10) 107 I-04-31-17 M "
(5) 110 M-03-31-17 M "
(4) 112 G-09-31-17 M "
(3) 113 I-09-31-17 M "
(5) 116 H-10-31-17 M "
(8) 119 C-09-31-17 M "
41) 120,151,152 F-10-31-17 M "
18)123,147R,148 B-09-31-17 M "
(10) 126 M-04-31-17 M "
(13) 130 B-10-31-17 M "
(9) 139,166 L-10-31-17 M "
(1) 141 J-10-31-17 M "
(7) 145 N-10-31-17 M "
(7) 146 P-10-31-17 M "
(52) 153 K-10-31-17 M "
(7) 155,165 H-09-31-17 M "
(29) 156,167 0-10-31-17 M "
(13) 157 D-04-31-17 M "
(8) 164 E-10-31-17 M "
avajo Tribe Indians G
(5) 201 N-11-31-17 M "
(7) 202,227 L-11-31-17 M "
avajo Tribe Indians M
(2)302 H-05-31-17 M "
(6) 304 A-05-31-17 M "
(5) 306 G-05-31-17 M "
avajo Tribe Indians F
101 D-04-31-17 Input
103 L-04-31-17 "
108 E-10-31-17 "
111 I-10-31-17 "
114 M-10-31-17 "
115 J-09-31-17 "
117 G-10-31-17 "
118 C-10-31-17 "
121 D-10-31-17 S.I.
122 H-09-31-17 Input
124 P-04-31-17 "
125 N-04-31-17 "
127 J-04-31-17 S.I.
128 F-04-31-17 Input
131 N-03-31-17 S.I.
132 L-03-31-17 S.I.
133 D-09-31-17 S.I.
134 F-09-31-17 Input
136 A-10-31-17 S.I.
140 P-09-31-17 Input

" 143 0-03-31-17 "
" 144 0-10-31-17 "
Navajo Tribe Indians G
" 203 K-11-31-17 Input
" 204 M-11-31-17 "
" 205 0-11-31-17 S.I.
" 206 E-11-31-17 S.I.

R.E. SITTA, JR.
Indian
" 3 L-02-30-16 NO C-115

<u>HOSPAH-DAKOTA</u>
(40 Acre Spacing)
Top Allowable 80 GOR Limit 2,000

AMERICAN EXPLORATION COMPANY
Hanson
" 23 P-06-17-08 S.I.
" 25 K-08-17-08 S.I.
Hanson Fed.
" 38 0-06-16-08 S.I.
Acreage Factor 1.00
Santa Fe
" 16 C-07-17-08 S.I.
" 29 B-07-17-08 S.I.
Santa Fe B
32 M-05-17-08 S.I.

CITATION OIL & GAS CORP.
Hospah
" 10 C-12-17-09 T.A.
Hospah A
" 23 K-12-17-09 T.A.

<u>HOSPAH LOWER SAND, SOUTH</u>
(40 Acre Spacing)
Top Allowable 80 GOR Limit 2000

AMERICAN EXPLORATION CONPANY
TESORO LOWER HOSPAH WATERFLOOD
Hanson
" (47) 1X,11 K-06-17-08 M TSTM
12,30,31,39
"(61) 7,8,10,29 M-06-17-08 M TSTM
41,43
" (53) 3,13,33 N-06-17-08 M TSTM
36,30,44
" (65) 4,6,9 L-06-17-09 M TSTM
35,42
" 19 K-06-17-08 Input
" 28 J-06-17-08 "
" 34 0-06-17-08 "
Santa Fe RR
" (79) 3,12,13 D-07-17-08 M TSTM
14,39,41,47
" (19) 4,43 C-07-17-08 M TSTM
" (50) 7,15,40 E-07-17-08 M TSTM
48,49,50
" (6) 8 L-07-17-08 M TSTM
" 23 C-07-17-08 Input
" (9) 20 F-07-17-08 M TSTM
" (26) 43,45 F-07-17-08 M TSTM
" 51 C-07-17-08 Input
Santa Fe RR A
"(108) 72,75,76 P-01-17-09 M TSTM
80,88,90,94
Acreage Factor 1.80
Santa Fe RR A
" (60)73,79 0-01-17-09 M TSTM
81,89,96
" 74 I-01-17-09 S.I.
Acreage Factor 1.30
" 84 0-01-17-09 Input
" 87,97 P-01-17-09 "

CITATION OIL & GAS CORP.
CITATION LOWER HOSPAH WATERFLOOD
Hospah
" (33) 3,7,64 H-12-17-09 M TSTM
Acreage Factor 1.30
Hospah
" (34) 6,25,35 A-12-17-09 M TSTM
38,50,53,63
Acreage Factor 1.30

" 8 G-12-17-09 S.I.
" (28) 9,24 B-12-17-09 M TSTM
49,61,62
" (65) 10,32,47 C-12-17-09 M TSTM
" (16) 11,34 F-12-17-09 M TSTM
" (36) 37X D-12-17-09 M TSTM
" 12,14,46 E-12-17-09 S.I.
" 33 F-12-17-09 Input
" 36 B-12-17-09 "
" 41,54,56 A-12-17-09 "
Acreage Factor 1.30
" 57 E-12-17-09 Input
" 58 F-12-17-09 "
" 59 G-12-17-09 "
" 60 H-12-17-09 "
Wigham
" 2 P-11-17-09 Input

<u>HOSPAH UPPER SAND</u>
(40 Acre Spacing)
Top Allowabe 80 GOR Limit 2,000

AMERICAN EXPLORATION COMPANY
HOSPAH WATERFLOOD PROJECT
Hospah Sand Unit
" (9)1Y,98 A-01-17-09 M TSTM
" (23) 2,11Y F-01-17-09 M TSTM
21,38
" (15) 3,7,10 N-36-18-09 M TSTM
15,71
" (32) 4Y,5,6,22 C-01-17-09 M TSTM
" (10) 13,39 K-01-17-09 M TSTM
" 9 J-01-17-09 S.I.
" (22) 12,20 B-01-17-09 M TSTM
23,51,95
" (39) 16,19,25 0-36-18-09 M TSTM
48Y,53,88
" (21) 24,52 G-01-17-09 M TSTM
56,85,97
" (3) 27,50 P-36-18-09 M TSTM
" (28) 28,34 J-36-18-09 M TSTM
36,59
" (1) 29 G-36-18-09 M TSTM
" 32 I-36-18-09 S.I.
" (6) 37,102 I-36-18-09 M TSTM
" (8) 35,96 K-36-18-09 M TSTM
" 54 L-36-18-09 S.I.
" 62 L-36-18-09 Input
" 63 F-36-18-09 "
" 58,92 0-36-18-09 "
" 60 L-01-17-09 "
" 61 E-01-17-09 "
" 65 P-36-18-09 "
" 66 A-01-17-09 "
" 67 H-01-17-09 "
" 70 N-36-18-09 "
" 84 F-01-17-09 "
" 87,104 B-01-17-09 "
" 90 J-36-18-09 "
" 91 K-36-18-09 "
" 93 C-01-17-09 "
" 94 K-01-17-09 "

<u>HOSPAH UPPER SAND, SOUTH</u>
(40 Acre Spacing)
Top Allowable 80 GOR Limit 2,000

AMERICAN EXPLORATION COMPANY
SO. HOSPAH UPPER HANSON WATERFLOOD
Hanson
" (2) 14 L-06-17-08 M TSTM
" 2,15,37 M-06-17-08 M TSTM
" 16 N-06-17-08 S.I.
" 17 K-06-17-08 S.I.
" (7) 26 D-08-17-08 M TSTM
" 27 0-06-17-08 S.I.
" 18 M-06-17-08 Input
" 20 N-06-17-08 "
" 21 K-06-17-08 "

SO. HOSPAH UPPER SANTA FE WATERFLOOD PROJECT
Santa Fe RR
" 9,20 F-07-17-08 S.I.
" 18 D-07-17-08 S.I.
" (6) 19 E-07-17-08 M TSTM
" (12) 21,44 C-07-17-08 M TSTM
" 10 B-07-17-08 Input

" 24 F-07-17-08 "
" 25 C-07-17-08 "

SO. HOSPAH UPPER SANTA FE "A" WATERFLOOD
PROJECT
Santa Fe RR "A"
" (38) 77,82 P-01-17-09 M TSTM
91,92
Acreage Factor 1.30
" (1) 79 0-01-17-09 M TSTM
" 83 I-01-17-09 Input
Acreage Factor 1.30
" 34 0-01-17-09 Input

SANTA FE "B" WATERFLOOD
Santa Fe RR "B"
" (2) 33,36 L-05-17-08 M TSTM
" (6) 34,37 M-05-17-08 M TSTM
" 35 E-05-17-08 Input

CITATION OIL & GAS CORP.
SOUTH HOSPAH UPPER WATERFLOOD
South Hospah Unit
" 1,18 G-12-17-09 S.I.
48,66
" (7) 2,16,34 F-12-17-09 M TSTM
" 4,65 C-12-17-09 S.I.
" 15 E-12-17-09 S.I.
" 19 J-12-17-09 S.I.
" 21 K-12-17-09 S.I.
" 22 L-12-17-09 S.I.
" (9) 26,28 A-12-17-09 M TSTM
Acreage Factor 1.30
" 27,39 H-12-17-09 T.A.
40,55
Acreage Factor 1.30
" (14) 29,30,31 B-12-17-09 M TSTM
" 37Y D-12-17-09 S.I.
" 48 G-12-17-09 TSTM
" 5 B-12-17-09 Input
" 13,58 F-12-17-09 "
" 17,59 G-12-17-09 "
" 20 I-12-17-09 "
So. Hospah Unit
" 23 K-12-17-09 Input
Acreage Factor 1.30
" 42 I-12-17-09 "
" 43 I-11-17-09 "
Acreage Factor 1.30
" 51 E-12-17-09 "
" 52 C-12-17-09 "

<u>KNICKERBOCKER BUTTES-GALLUP</u>
(40 Acre Spacing)
Top Allowable 80 GOR Limit 2,000

MERIDIAN OIL, INC.
Schumacher
" 13 N-17-30-10 S.I.

<u>KUTZ-GALLUP</u>
(40 Acre Spacing)
Top Allowable 80 GOR Limit 2,000

AMOCO PRODUCTION CO.
Kutz Federal A
" 1 K-23-28-10 S.I.

ARCO OIL & GAS CO.
Krause WN Fed.
" 1 M-32-28-11 T.A.

BHP PETROLEUM (AMERICAS), INC.
E.H. Pipkin
"/ (19) 26 E-12-17-11 M 6368

GREAT WESTERN DRILLING CO.
Graham Federal
" 1 A-06-27-11 S.I.

MESA OPERATING LTD PARTN.
Edgar Federal
" 2 G-01-27-12 No C-116

SOUTHLAND ROYALTY CO.
Frontier B

"	2	D-09-27-11		S.I.
"	3	E-04-27-11		S.I.
"	4	M-04-27-11		S.I.
"	5	A-09-27-11		S.I.

Frontier E

"	1	O-04-27-11		S.I.
" (6)	1E	G-04-17-11	M	9655

Hillside

" (4)	1	J-09-27-11	M	27838

Santa Fe G

"	1	K-05-27-11		S.I.
"	2	M-05-27-11		S.I.

LA-PLATA-GALLUP
(160 Acre Spacing)
Top Allowable 320 GOR Limit 2,000

BENSON-MONTIN-GREER DRILLING CORP.
LA PLATA MANCOS WATERFLOOD
La Plata Mancos Unit

" (11)	1	P-31-32-13	M	660
" (1)	2	I-06-32-13	M	1900

Acreage Factor .95

"	6	C-06-31-13		T.A.

Acreage Factor .57

"	4	N-31-32-13		Input

La Plata

" (1)	3	G-32-32-13	M	1500

La Plata Mancos Unit NP

" (13)	7	M-29-32-13	M	1846

Standard of Texas

"	1	M-05-31-13		T.A.

LEGGS-ENTRADA
(40 Acre Spacing)
Top Allowable 850 GOR Limit 2,000

TEXACO, INC.
Santa Fe Leggs

"	1	O-11-21-10		S.I.
"	2	N-11-21-10		S.I.

LINDRITH GALLUP-DAKOTA, SOUTH
(40 Acre Spacing)
Top Allowable 107 GOR Limit 2,000

ROBERT L. BAYLESS
Jicarilla 362 GD

" (17)	1	I-05-23-04	M	1117
" (21)	2	K-05-23-04	M	904
" (6)	3	A-08-23-04	M	TSTM

CHACE OIL COMPANY
Jicarilla Tr. Contract 47

" (10)	1	I-12-23-04	M	1100
" (15)	2	D-11-23-04	M	2067
" (14)	3	C-11-23-04	M	1286
" (15)	4	E-11-23-04	M	1200
" (27)	5	F-11-23-04	M	778
" (16)	6	G-12-23-04	M	812
" (6)	7	A-13-23-04	M	1000
" (14)	8	B-11-23-04	M	2214
" (22)	10	K-11-23-04	M	1955
" (21)	11	B-13-23-04	M	952
" (27)	15	G-11-23-04	M	889
" (31)	16	F-13-23-04	M	807
" (16)	17	D-13-23-04	M	1000
" (25)	18	A-11-23-04	M	1720
" (49)	19	H-11-23-04	M	1592
" (33)	22	L-13-23-04	M	788
" (21)	25	F-14-23-04	M	1762
" (30)	26	B-14-23-04	M	900
" (33)	27	P-11-23-04	M	758
" (31)	28	L-12-23-04	M	1065
" (22)	33	N-12-23-04	M	205
" (41)	35	J-14-23-04	M	1268
" (39)	39	J-13-23-04	M	385
" (27)	45	C-12-23-04	M	1444

Jicarilla 70

" (5)	1	M-33-24-04	M	3600
" (5)	2	A-28-24-04	M	1800
" (4)	3	C-33-24-03	M	2000
" (10)	5	C-27-24-04	M	1400
"	6	A-27-24-04		S.I.

" (8)	7	I-27-24-04	M	1875
" (5)	8	K-27-24-04	M	1400
" (5)	9	A-34-24-04	M	2800
"	10	C-34-24-04		S.I.
"	11	K-34-24-04		S.I.
" (11)	12	I-34-24-04	M	1909
" (9)	14	I-33-24-04	M	1000
" (5)	15	O-34-24-04	M	2800
" (11)	16	P-34-24-04	M	2000
" (8)	17	G-34-24-04	M	2625
" (6)	18	M-34-24-04	M	1833

Jicarilla Tr. Contract 71

" (0)	3	E-30-23-04	M	
" (5)	6	B-03-23-04	M	2400
" (9)	7	I-03-23-04	M	2222
" (8)	8	K-03-23-04	M	2000
" (9)	9	A-10-23-04	M	1556
" (9)	10	A-03-23-04	M	1625
" (16)	11	P-03-23-04	M	1438
" (5)	12	C-10-23-04	M	2200
" (11)	14	H-10-23-04	M	2000
" (5)	16	N-03-23-04	M	1600
" (10)	17Y	D-03-23-04	M	1600
" (11)	18	F-03-23-04	M	1727
" (10)	19	O-03-23-04	M	3100
" (8)	20	B-10-23-04	M	2125
" (14)	21	J-10-23-04	M	1143
" (8)	22	I-10-23-04	M	1875
" (5)	23	F-10-23-04	M	1200
" (5)	24	K-10-23-04	M	2600
" (13)	25	A-09-23-04	M	923
" (12)	27	N-10-23-04	M	750
" (11)	28	I-09-23-04	M	909
" (8)	29	L-10-23-04	M	750
" (11)	30	D-10-23-04	M	1727
" (9)	34	M-10-23-04	M	1222
" (8)	35	P-10-23-04	M	1250
" (7)	38	K-09-23-04	M	286
" (13)	39	O-09-23-04	M	1231
" (11)	40	C-09-23-04	M	1273
" (11)	42	E-09-23-04	M	1455

Jicarilla Tr. Contract 361

" (9)	1	A-04-23-04	M	3333
" (5)	4	P-04-23-04	M	400

Jicarilla Tr. Contract 363

" (5)	1	O-21-24-04	M	2600
"	2	N-21-24-04		S.I.

GREAT WESTERN RESOURCES, INC.
Martin-Whittaker

" (6)	15	C-08-23-04	M	733
" (5)	17	I-08-23-04	M	1200
" (5)	18	A-07-23-04	M	2000
" (5)	20	K-08-23-04	M	2000
"	21	I-07-23-04		Gas Well
" (11)	22	K-07-23-04	M	273
" (5)	23	F-07-23-04	M	1000
" (5)	24	J-06-23-04	M	800
" (2)	25	K-06-23-04	M	2500
" (3)	26	F-06-23-04	M	4333
" (2)	27	A-06-23-04	M	2750
" (3)	28	C-15-23-04	M	500
" (2)	29	M-15-23-04	M	2500
" (3)	30	O-15-30-04	M	633
" (3)	31	A-16-23-04	M	2200
" (3)	32	C-16-23-04	M	2566
" (7)	33	M-16-23-04	M	857
" (7)	34	O-16-23-04	M	386
" (7)	35	A-15-23-04	M	1000
" (5)	50	B-14-23-05	M	600
" (5)	51	K-19-23-04	M	2600
" (7)	52	O-21-23-04	M	528
" (13)	53	J-23-23-04	M	661
" (5)	54	D-34-23-04	M	1100
" (5)	59	D-20-23-04	M	1200
" (2)	60	E-22-23-04	M	4000
" (7)	61	C-21-23-04	M	857
" (12)	62	D-23-23-04	M	750
" (10)	72	G-20-23-04	M	600

W.B. MARTIN & ASSOCIATES, INC.
Martin Florance

"	8	C-05-23-04		S.I.

MERRION OIL & GAS CORP.
Jicarilla 430

" (12)	5	H-35-23-05	M	3500
" (10)	6	C-36-23-05	M	4800
" (13)	9	I-36-23-05	M	4077
" (11)	10	P-25-23-05	M	3182
" (10)	12	H-25-23-05	M	4200

TEXACO, INC.
Jicarilla D

"	2	A-05-23-04		S.I.
" (3)	3	G-05-23-04	M	2000

LINDRITH GALLUP DAKOTA, WEST
(160 Acre Spacing)
Top Allowable 382 GOR Limit 2,000

AMERADA HESS CORP.
Jic. Apache A

" (0)	3	N-23-25-05	M	
"	6	E-26-25-05	M	Gas Well
"/ (8)	7	J-26-25-05	M	15000
"/ (7)	9	D-36-25-05	M	17877
"/ (3)	10	B-35-25-05	M	15000

Jic. Apache F

"/	6	D-22-25-05	M	Gas Well
"/ (1)	9	P-16-25-05	M	71000
"/	10	C-16-15-05	M	Gas Well
" (6)	11	A-21-15-05	M	87000

Jic. Apache "I"

" (3)	3	O-14-23-03	M	TSTM
" (2)	4	M-11-23-03	M	TSTM
"	5	G-14-23-03		S.I.
" (5)	6	P-11-23-03	M	1286

AMOCO PRODUCTION CO.
Fred Phillips C

"	3	E-15-25-03		S.I.
" (6)	3A	H-15-25-03	M	TSTM

Fred Phillips F

" (9)	1	K-10-25-03	M	12778
"	1A	I-10-25-03		S.I.

Fred Phillips G

" (30)	1	C-10-25-03	M	10967
"	1A	A-10-25-03		S.I.

Jic. 35 A Gas Com

" (4)	1	M-11-24-05	M	10000
"	1E	J-11-24-05		Gas Well

Jic. 35 B Gas Com

"	1	H-11-24-05		Gas Well
"	1E	C-11-24-05		Gas Well

Jic. Gas Com 35 C

"	1	M-02-24-05		S.I.
" (8)	1E	J-02-24-05	M	3000

Jic. Gas Com 35 D

" (7)	1	L-12-24-05	M	5286

Jic. Apache Tr. 35

"	1	K-01-24-05		S.I.
" (5)	2	E-02-24-05	M	8000

Jic. Apache Tr. 124

" (8)	1	L-23-25-04	M	17750
"	2	F-23-25-04		Gas Well
"	3	K-13-25-04		S.I.
" (23)	4	J-23-25-04	M	13513
"	5	H-23-25-04		Gas Well
"	6	B-24-25-04		S.I.
"	7	M-13-25-04		S.I.
"	8	J-14-25-04		S.I.
"	9	E-24-25-04		Gas Well
"	13	P-24-25-04		S.I.
"	14	N-24-25-04		S.I.

Jic. Apache Tr. 125

" (8)	1	M-35-25-04	M	12500
" (15)	2	C-35-25-04	M	16200
"	3	L-26-25-04		Gas Well
" (4)	4	F-26-25-04	M	49250
" (2)	5	J-35-25-04	M	67500
" (6)	6	J-26-25-04	M	39167
" (5)	7	H-35-25-04	M	48200
" (9)	8	G-26-25-04	M	29556
" (16)	9	M-36-25-04	M	7625
" (5)	10	P-36-25-04	M	7800
"	11	F-36-25-04		S.I.
" (6)	12	N-25-25-04	M	5833
" (6)	13	F-25-25-04	M	5833
" (1)	14	H-25-25-04	M	21000
" (2)	15	P-25-25-04	M	2000
" (16)	16	H-36-25-04	M	4000

Jic. Apache Tr. 363

" (13)	1	A-15-24-04	M	1

Jic. Apache Tr. 396

" (6)	1	A-08-23-03	M	4
" (3)	2	P-08-23-03	M	3
" (5)	3	C-08-25-03	M	4
" (5)	4	A-17-23-03	M	2
" (5)	5	K-08-23-03	M	2
" (15)	6	C-17-23-03	M	1
" (5)	7	I-17-23-03	M	3
" (1)	8	K-17-23-03	M	2
" (15)	9	I-07-23-03	M	

Jic. Contract 148

" (3)	10	N-14-25-05	M	
"	13	C-15-25-05		
" (7)	17,43	P,I-15-25-05	M	1
"	18,44	F,E-23-25-05		Gas
" (5)	32	O-14-25-05	M	3
" (15)	33	H-15-25-05	M	
" (7)	34	H-14-25-05	M	1
" (5)	35	P-14-25-05	M	2
" (7)	36	H-23-25-05	M	2
" (17)	37	C-13-25-05	M	
" (17)	38	N-13-25-05	M	
" (20)	39	E-24-25-05	M	1
" (10)	40	A-13-25-05	M	1
" (14)	41	J-13-25-05	M	
" (32)	42	G-24-25-05	M	

Jic. Tribal 358

" (9)	11	E-06-22-02	M	

APACHE CORPORATION
Apache

(8)	100,155	A,H-03-24-04	M	

Acreage Factor 1.40

" (18)	101,143	A,G-02-24-04	M	1
" (7)	102	D-02-24-04	M	
" (30)	103	D,F,C-03-24-04	M	
	150,156			

Acreage Factor 1.41

" (19)	104,154	P,O-03-24-04	M	
" (17)	105,146	A,G-24-24-04	M	1
" (14)	106,153	A,B-01-24-04	M	2

Acreage Factor 1.38

" (12)	107	J-02-24-04	M	
" (6)	108	H-10-24-04	M	
" (22)	109,158	F,D-11-24-04	M	
" (16)	110,145	P,J-11-24-04	M	
" (8)	111	K-13-24-04	M	
" (6)	112	C-24-24-04	M	
" (10)	113,149	J,P-01-24-04	M	2
" (5)	114	I-24-24-04	M	2
" (8)	115	M-03-24-04	M	
" (16)	116,152	C,F-12-24-04	M	1
" (9)	117,138	G,A-12-24-04	M	3
" (3)	118	K-12-24-04	M	
" (8)	119,151	I,O-12-24-04	M	2
" (10)	120	C-13-24-04	M	
" (9)	121,147	A,G-13-24-04	M	1
" (13)	122,144	I,O-13-24-04	M	
" (23)	123,157	A,G-04-24-04	M	
" (12)	124	I-04-24-04	M	1
" (7)	125	C-10-24-04	M	
" (4)	126	P-10-24-04	M	
" (9)	127	N-11-24-04	M	
" (7)	128	H-14-24-04	M	
" (6)	129	P-14-24-04	M	
" (12)	130	K-24-24-04	M	
" (10)	131	C-04-24-04	M	
" (8)	132	K-04-24-04	M	
" (7)	134	K-10-24-04	M	

ARCO OIL & GAS COMPANY
Arco Gardner

" (17)	1	P-27-25-03	M	

Arco Gardner 13

" (16)	1	N-13-25-03	M	

Arco Hill

" (12)	1	G-22-25-03	M	
" (7)	2	M-22-25-03	M	

Arco Hill 23

" (4)	1	E-23-25-03	M	
" (24)	2	O-23-25-03	M	

Arco Leeson

" (16)	1	K-27-25-03	M	
" (21)	2	E-27-25-03	M	

Chacon Fed.

" (11)	1	P-30-24-03	M	
"	2	E-33-24-03		Gas

	3	O-29-24-03		Gas Well
	5	P-19-24-03		Gas Well
	6	D-20-24-03		Gas Well
(8)	7	H-30-24-03	M	3250
(8)	8,101	A,G-19-24-03	M	10000
hacon Hill				
(2)	1	O-20-24-03	M	44500
	2	G-20-24-03		Gas Well
icarilla				
(6)	101	A-05-24-04	M	4143
creage Factor 1.37				
(3)	102	F-06-24-04	3	31368
creage Factor .95				
(3)	103	L-05-24-04	M	6667
(7)	104	A-08-24-04	M	3303
(5)	105	I-06-24-04	M	6550
(3)	106	K-08-24-04	M	5333
(6)	107	A-07-24-04	M	6370
creage Factor 1.03				
icarilla				
(4)	108	K-07-24-04	M	5500
creage Factor .77				
(5)	109	C-05-24-04	M	16604
	110	A-06-24-04		S.I.
(9)	111	J-05-24-04	M	5443
(1)	112	K-06-24-04	M	49809
(7)	113	C-08-24-04	M	3202
(6)	114	C-07-24-04	M	5583
creage Factor .78				
(19)	115	I-08-24-04	M	1892
(4)	116	I-07-24-04	M	8250
ic. Apache JV 5				
(4)	1	A-05-23-03	M	85676
(1)	2	I-05-23-03	M	33000
(2)	3	C-05-23-03	M	20667
(3)	4	K-05-23-03	M	28400
onkin				
(9)	1,5	O&I-18-24-03	M	20482
creage Factor 1.20				
onkin				
(11)	2,6	G&A-18-24-03	M	22952
(10)	3	M-17-24-03	M	7800
(3)	4	E-17-24-03	M	12333

ANNON ENERGY, INC.

hacon Amigos				
(5)	1	B-02-22-03	M	18400
(4)	2	I-02-22-03	M	15000
(10)	3	E-12-22-03	M	5500
(10)	4	K-12-22-03	M	4800
(9)	5	O-01-22-03	M	2778
(3)	6	C-11-22-03	M	7333
(8)	7	K-11-22-03	M	8125
(7)	8	G-01-22-03	M	2857
(8)	101	L-17-22-02	M	250
obil Federal				
(9)	1	M-35-24-03	M	555

OBERT L. BAYLESS

icarilla 41-B				
(11)	1	M-31-25-04	M	4019
icarilla 65-B				
(6)	1	D-15-25-04	M	44827

RECK OPERATING CO.

ederal 1				
(7)	2	B-32-24-03	M	62143
creage Factor .50				

HACE OIL COMPANY

hace Apache 15				
	1	A-20-23-03		S.I.
(9)	2	I-20-23-03	M	
(10)	3	F-20-23-03	M	
hace Apache 54				
(4)	1	A-03-22-03	M	
(2)	2	H-34-23-03	M	
(1)	3	O-34-23-03	M	
(2)	4	C-34-23-03	M	
(3)	7	K-34-23-03	M	
(10)	9	C-03-22-03	M	
(11)	10	I-03-22-03	M	
(5)	11	K-03-22-03	M	

ONOCO, INC.

Jicarilla 20				
"	2	M-20-25-04		Gas Well
"	3	K-20-25-04		Gas Well
" (1)	4	K-18-25-04	M	23000
"	5	P-20-25-04		Gas Well
" (3)	6	N-19-25-04	M	41000
" (2)	7	I-19-25-04	M	33500
" (2)	8	D-19-25-04	M	36500
" (3)	9	D-20-25-04	M	36333
" (1)	11	O-18-25-04	M	53000
"/ (23)	12	E-18-25-04	M	6652
"/ (38)	13	H-20-25-04	M	13763
Jicarilla 22				
" (2)	1	J-22-25-04	M	43000
" (2)	2	J-21-25-04	M	46000
" (3)	3	D-22-25-04	M	34000
" (3)	4	J-15-25-04	M	25333
" (1)	5	L-22-25-04	M	27000
" (1)	6	A-22-25-04	M	81000
" (1)	7	A-21-25-04	M	83000
" (1)	8	I-16-25-04	M	53000
" (5)	9	L-21-25-04	M	12000
" (4)	10	D-21-25-04	M	22750
" (5)	12	H-15-25-04	M	20000
" (3)	12A	J-15-25-04	M	25333
Jicarilla 28				
" (4)	1	J-28-25-04	M	21500
" (1)	2	D-27-25-04	M	32000
" (5)	3	P-34-25-04	M	8200
" (2)	4	D-24-25-04	M	6500
" (4)	5	J-33-25-04	M	9000
" (4)	6	D-33-25-04	M	8250
" (1)	7	J-27-25-04	M	39000
" (4)	8	C-28-25-04	M	18500
" (2)	9	A-28-25-04	M	31500
" (13)	10,17	L,N-28-25-04	M	11846
" (4)	11	B-33-25-04	M	10250
" (1)	12	L-27-25-04	M	11000
" (2)	13	A-27-25-04	M	35500
" (6)	14	K-33-25-04	M	10833
" (6)	15	K-34-25-04	M	10333
" (9)	16	G-34-25-04	M	8111
Jicarilla 30				
" (6)	3	J-32-25-04	M	3500
"	4	F-31-25-04		C-102
" (3)	5	B-32-25-04	M	3000
" (4)	6	J-29-25-04	M	7750
" (8)	7	O-30-25-04	M	8500
" (9)	8	M-32-25-04	M	9556
" (7)	9	H-29-25-04	M	20000
" (6)	10	M-30-25-04	M	10167
" (8)	11	F-30-25-04	M	8625
" (4)	12	H-30-25-04	M	13750
" (7)	13	P-31-25-04	M	6286
" (6)	14	H-31-25-04	M	14667
" (6)	15	E-32-25-04	M	9333
" (8)	16	N-29-25-04	M	6125

DUGAN PRODUCTION CORP.

Hurt				
"/	5	M-14-25-03	M	Gas Well

ELLIOTT OIL COMPANY

Ora				
" (13)	1	E-21-25-03	M	6923
" (10)	2	G-21-25-03	M	4500
" (118)	3	G-28-25-03	M	1322
" (25)	5	O-21-25-03	M	2000

JOSEPH B. GOULD

Phillips 32				
" (23)	1	M-32-25-03	M	2980
" (110)	2,7,9	I,O,P-32-25-03	M	2173
" (60)	3,5	D,E-32-25-03	M	2550
" (44)	4,6	G,B-32-25-03	M	5159

GRAHAM ROYALTY LTD.

Florance 9				
"	9	P-05-25-03		T A
"	9A	N-05-25-03		T A
"	8A	E-05-25-03		T A
Jicarilla 35				
" (15)	2,13	M,N-36-25-05	M	8533
" (5)	1,14	K,L-35-25-05	M	79200
" (10)	8	I-36-25-05	M	9400
" (15)	12	I-35-25-05	M	13067

GREAT WESTERN RESOURCES, INC.

Martin-Whittaker				
" (10)	55	E-16-24-04	M	1200
" (3)	56	C-18-24-04	M	4667

J. FELIX HICKMAN

Clark				
" (4)	7	O-06-24-03	M	19301
" (7)	8	G-06-24-03	M	6803
" (8)	9	M-05-24-03	M	2626
" (7)	10	D-05-24-03	M	6109
" (8)	11	H-05-24-03	M	4779

HIXON DEVELOPMENT CO.

Bill Geiger				
" (37)	1	D-34-25-03	M	2756
Missy				
" (295)	1Y	E-35-25-03	M	708
"/ (694)	2,3	K,N-35-25-03		N 382
Sheila Hixon				
(65)	1	M-26-25-03	M	
Tesia Kuchera				
" (40)	1	A-35-25-03	M	7250

CURTIS J. LITTLE

Hurt Federal				
" (42)	1	G-01-25-03	M	2381
Schmitz				
" (9)	2	E-16-25-03	M	3333
" (4)	2A	G-16-25-03	M	4250

T.H. MCELVAIN OIL & GAS

FD				
" (96)	1	H-01-25-03	M	1135
Acreage Factor .25				
Wynona				
" (21)	1	L-25-25-03	M	3571

JEROME P. McHUGH

Jicarilla				
" (4)	1	D-30-26-04	M	57057
Acreage Factor 1.01				
" (5)	2	L-30-26-04	M	28343
" (2)	3	D-31-26-04	M	95210
Acreage Factor 1.01				
" (9)	4	L-31-26-04	M	22826
Acreage Factor 1.02				
"	6	L-29-26-04		S.I.
" (2)	7	D-32-26-04	M	67626
" (4)	8	L-32-26-04	M	35756
" (4)	11	G-30-26-04	M	58683
" (4)	12	J-30-26-04	M	58507
" (7)	13	G-31-26-04	M	60629
" (5)	14	P-31-26-04	M	61078
" (2)	17	B-32-26-04	M	92814
" (5)	18	I-32-26-04	M	39122

MERIDIAN OIL, INC.

Arco Little Federal 29				
" (2)	2	H-29-24-03	M	71257
Arco Little Federal 32				
"	1	D-32-24-03		Gas Well
"	3	K-32-24-03		Gas Well
Chacon Jicarilla D				
" (3)	1	O-15-23-03	M	34000
" (2)	2	I-16-23-03	M	59281
" (4)	3	D-23-23-03	M	10400
" (4)	4	C-22-23-03	M	23353
"	5	I-22-23-03		Gas Well
" (4)	6	I-21-23-03	M	19461
" (4)	7	C-21-23-03	M	26341
" (8)	8	C-09-23-03	M	34667
" (1)	9	C-27-23-03		72289
"	10	I-27-23-03		Gas Well
"	11	A-28-23-03	M	Gas Well
" (9)	12	I-28-23-03	M	3196
" (3)	13	M-23-23-03	M	17200
"	14	B-15-23-03		S.I.
"	15	K-09-23-03		Gas Well
" (3)	16	H-15-23-03	M	41600
" (4)	17	G-22-23-03	M	48000
" (3)	18	K-22-23-03	M	43600
" (1)	19	A-27-23-03	M	73494
" (1)	20	K-27-23-03	M	74699

Jicarilla 123 C				
"	27	F-06-25-04		Gas Well
Acreage Factor 1.02				
" (3)	28	J-06-25-04	M	56800
"	29	C-05-25-04		S.I.
Acreage Factor 1.01				
" (4)	30	J-05-25-04	M	36500
" (2)	31	D-07-25-04	M	65000
" (3)	32	K-06-25-04	M	76000
Acreage Factor 1.02				
Jicarilla 126 S				
"	15	A-11-24-04		S.I.
"	16	M-02-24-04		S.I.
Jicarilla Joint Venture "KD"				
" (3)	1	P-04-23-03	M	73103
" (2)	2	F-10-23-03	M	97600
" (2)	3	D-03-23-03	M	29940
"	4	F-04-23-03		Gas Well
" (3)	5	J-10-23-03	M	18000
"	6	J-03-23-03		S.I.
"	7	A-04-23-03		Gas Well
"	8	K-04-23-03		Gas Well
" (5)	9	K-10-23-03	M	58293
" (4)	10	L-03-23-03	M	52727
Little Federal 20				
"	1	M-20-24-03		Gas Well
Little Federal 29				
"	1	F-29-24-03		Gas Well
"	3	L-29-24-03		Gas Well
Little Federal 32				
"	2	O-32-24-03		Gas Well
Little Federal 33				
"	1	L-33-24-03		Gas Well
Mobil Federal 34				
" (5)	1	M-34-24-03	M	8800
" (8)	2	E-34-24-03	M	3600
Shipley				
" (10)	1	O-33-24-03	M	25200
" (3)	2	G-33-24-03	M	40690

MERRION OIL & GAS CORP.

Bonanza				
"	1	D-02-22-03		S.I.
" (6)	2	L-01-22-03	M	7833
" (7)	3	D-01-22-03	M	5429
" (5)	4	A-11-22-03	M	11600
" (4)	5	G-12-22-03	M	7500
" (8)	6	O-12-22-03	M	5375
" (7)	7	I-11-22-03	M	15143
" (2)	8	K-02-22-03	M	32000

MINEL, INC.

Cayias				
" (2)	2	A-02-25-03	M	3333
NZ				
" (30)	1	C-01-25-03	M	3000
Acreage Factor .73				
" (140)	2	A-01-25-03	M	4123
Acreage Factor .73				

MOBIL PRODUCING TEXAS & N.M., INC.

Cullins Federal				
" (13)	3	D-04-24-03	M	9692
" (93)	4	M-04-24-03	M	5129
" (23)	5	G-04-24-03	M	3739
Federal				
" (2)	1	A-31-24-03	M	18000
" (3)	2	I-31-24-03	M	32000
Hughes Fed. Com				
"	1	O-07-24-03		Gas Well
Acreage Factor 1.20				
Jicarilla 55				
" (6)	1	K-35-23-03	M	19167
" (7)	2R	P-35-23-03	M	8714
Jillson Fed.				
"	3	G-07-24-03		Gas Well
Acreage Factor 1.20				
Jillson Fed.				
" (7)	4	E-08-24-03	M	1286
Lindrith B Unit				
" (13)	1,45	D,C-28-24-03	M	14538
" (10)	2	L-28-24-03	M	14400
" (13)	3,44	M,K-21-24-03	M	29615
" (6)	4	G-34-24-03	M	667
" (24)	5,31	E,C-21-24-03	M	21583
" (5)	6	O-28-24-03	M	10800
" (27)	7,46	G,A-28-24-03	M	8925

"	(10)	8	M-27-24-03	M	6800
"	(3)	9	O-27-24-03	M	13333
"	(13)	10	J-34-24-03	M	231
"	(33)	11,29	M,K-16-24-03	M	1155
"	(7)	12	M-22-24-03	M	6286
"	(7)	13	E-27-24-03	M	11286
"	(23)	14,28	E,C-16-24-03	M	12434
"	(29)	15,33	G,I-21-24-03	M	10034
"	(15)	16,32	A,B-21-24-03	M	17800
"	(25)	17,30	I,O,16-24-03	M	14560
"	(7)	18,43	E,C-22-24-03	M	7286
"	(7)	19	G-27-24-03	M	6857
"	(4)	20	E-26-24-03	M	9500
"	(21)	21,42	M,K-15-24-03	M	9000
"	(51)	22,40	E,C-15-24-03	M	14549
"	(37)	23,41	G,A-16-24-03	M	18919
"	(8)	24	N-09-24-03	M	9500
"		25	O-09-24-03		T.A.
"	(20)	26	D-09-24-03	M	2800
"	(23)	27	M-10-24-03	M	9435
"	(16)	35	G-09-24-03	M	8688
"/	(117)	75	O-35-25-03	M	
W.O. Hughes					
"	(7)	5	M-08-24-03	M	3857
"	(18)	6	J-08-24-03	M	2333
"	(25)	7	H-08-24-03	M	1880

RAMSEY PROPERTY MANAGEMENT, INC.

Jicarilla O					
"	(4)	2	A-10-22-03	M	TSTM
"	(7)	3	I-10-22-03	M	TSTM
"		4	C-10-22-03		S.I.

READING & BATES PETROLEUM CO.

Federal 17					
"	(3)	1	O-17-24-03	M	10000
"	(3)	2	G-17-24-03	M	6667
Leeson Federal 27					
"	(20)	42	H-27-25-03	M	2250
Greenlee Federal 24					
"	(38)	41	A-24-25-03	M	1316

RIFE OIL PROPERTIES

Jicarilla 126					
"		1	M-01-24-04		S.I.

SCHALK DEVELOPMENT CO.

Schalk Gavilan					
"	(48)	1	B-34-25-03	M	3750

M. R. SCHALK

Schalk Myers					
"	(8)	1	K-34-25-03	M	5250
Schalk Ojito					
"	(10)	1	G-08-25-03	M	3400

SOUTHLAND ROYALTY CO.

Johnson					
"	(6)	1	I-07-25-03	M	18814
Medio Canyon					
"		1	A-25-24-04		S.I.
"	(18)	3	A-36-24-04	18	18287
"		4	K-25-24-04		S.I.
"	(60)	5	I-25-24-04	M	2383
"		8	C-25-24-04		S.I.
"	(50)	10	M-35-24-04	M	878

TEXACO, INC.

Jic. C					
"		1	I-22-25-05		S.I.
"		1E	K-22-25-05		Gas Well
"	(3)	26	I-21-25-053	M	11000
"	(22)	26E	L-21-25-05	M	4955
Lydia Rentz					
"	(13)	7	C-20-25-03	M	5308
"	(8)	8	C-19-25-03	M	3500
L.L. McConnell					
"	(14)	13	N-31-25-03	M	4000
C.W. Roberts					
"	(8)	3A	L-18-25-03	M	4500
"	(2)	4	M-17-25-03	M	8000
"	(5)	5	F-17-25-03	M	9200
"	(10)	6	E-18-25-03	M	8900

"	(5)	6A	G-18-25-03	M	9600

DAVE M. THOMAS, JR.

Amerada Jicarilla					
"	(9)	1	M-02-23-03	M	1222
"/	(6)	2,11	D-11-23-03	M	200
"	(11)	3	D-02-23-03	M	2750
"	(17)	4	G-11-23-03	M	82
Chacon Jic. Apache "D"					
"	(7)	1	A-23-23-03	M	121
"	(6)	2	O-14-23-03	M	165
"	(2)	3	D-15-23-03	M	46500
"	(1)	4	P-09-23-03	M	68000
"	(1)	5	C-16-23-03	M	66000
"	(12)	6	M-14-23-03	M	2833
"	(2)	7	K-15-23-03	M	5000
"	(2)	8	A-09-23-03	M	68000
"	(15)	9	G-23-23-03	M	2867
"	(3)	10	N-16-23-03	M	31700
"	(3)	101	N-26-23-03	M	11378
"	(2)	102	O-26-23-03	M	26000
"	(1)	103	C-25-23-03	M	89000
"	(0)	104	M-25-23-03	M	
"	(10)	105	D-36-23-03	M	500
"	(5)	106	L-36-23-03	M	4400
"	(6)	107	P-25-23-03	M	500
"	(6)	108	G-26-23-03	M	3800
"	(13)	109	J-26-23-03	M	3308
"	(4)	110	B-35-23-03	M	8584
"	(7)	111	O-36-23-03	M	1143

UNION TEXAS PETROLEUM CORP.

Fred Davis					
"	(9)	1	M-01-25-03	M	4444
Jicarilla F					
"		5A	L-33-26-04		S.I.
"		8	B-33-26-04		S.I.
Jicarilla J					
"		7	E-36-26-05		S.I.
"		8	O-25-26-05		S.I.
"		11	J-25-26-05		S.I.
"		13	I-36-26-05		S.I.
"	(8)	21	K-36-26-05	M	26750
"		22	M-25-26-05		Gas Well
"		23	A-25-26-05		S.I.
"		23A	J-25-26-05		S.I.
"		25	A-36-26-05		S.I.
Jicarilla L					
"	(3)	2	G-10-24-05	M	24000
"	(3)	3	E-03-24-05	M	77667
"	(2)	4	G-09-24-05	M	34000
"	(5)	6	M-34-25-05	M	15600
"		8	P-33-25-05		S.I.
"	(1)	9	O-10-24-05	M	36000
"	(1)	10	O-09-24-05	M	43000
Jicarilla N					
"	(3)	1	K-04-24-05	M	50333
"	(2)	2	N-03-24-05	M	73000
"	(4)	3	O-04-24-05	M	65500
"	(2)	4	P-03-24-05	M	41500
Jicarilla O					
"		1	M-10-26-05		S.I.
McCroden					
"	(20)	4	K-03-25-03	M	3750
"	(25)	5	A-09-25-03	M	520
"	(16)	6	P-03-25-03	M	625
"	(15)	7	E-12-25-03	M	2800
McCroden A					
"	(48)	4	D-09-25-03	M	1167
"	(27)	5	J-08-25-03	M	4778
"	(29)	6	M-09-25-03	M	2241
"	(10)	7	P-09-25-03	M	1400
McCroden C					
"	(17)	1	K-02-25-03	M	3529

LONE PINE DAKOTA "D"
(80 Acre Spacing)
Top Allowable 160 GOR Limit 2,000

CITATION OIL & GAS CORP.

Lone Pine Dakota D Unit					
"		3	J-07-17-08		S.I.
"		4	K-07-17-08		S.I.
"		12	B-13-17-09		S.I.
Acreage Factor 1.14					
"		13	F-13-17-09		S.I.
"		14	M-13-17-19		S.I.

"		23	K-13-17-09		S.I.

LYBROOK-GALLUP
(40 Acre Spacing)
Top Allowable 107 Top Allowable 2,000

ALEXANDER ENERGY CORP.

T-Ton-Nah-Gah 8					
"	(4)	43	I-08-23-07	M	39500
Federal 6					
"	(5)	22	F-06-23-07	M	1400
Hat-Tah-E-Yazza					
"	(3)	1	C-08-23-07	M	38000

BANNON ENERGY, INC.

Benn 9					
"	(2)	1	H-09-23-07	M	20677
Connie 29					
"		1	O-29-24-07		S.I.
"	(1)	3	K-29-24-07	M	16762
Grace Federal 1					
"	(2)	1	E-01-23-07	M	7593
Grace Federal 6					
"	(1)	1	K-06-23-07	M	11222
Grace Federal 12					
"	(1)	1	O-12-23-07	M	25129
Marcus					
"	(4)	3	I-07-23-06	M	6000
"	(5)	5	E-06-23-06	M	23000
"	(4)	6	A-01-23-07	M	25000
"	(2)	7	N-01-23-07	M	15000
"	(7)	8	B-12-23-07	M	7143
"	(4)	10	H-35-24-07	M	18750
"	(10)	11	N-35-24-07	M	9500
Marcus A					
"	(7)	9	I-35-24-07	M	24286
"	(3)	10	I-01-23-07	M	31667
Acreage Factor .95					
"	(9)	14	K-31-24-07		
"	(2)	15	D-01-23-07	M	50000
"	(3)	16	C-12-23-07	M	16667
"	(4)	22	O-31-24-06	M	52857
"/	(16)	23	I-35-24-07	M	6250
McBee 7					
"	(2)	1	F-07-23-06	M	20984
"	(2)	2	L-07-23-06	M	3285
Nancy 14					
"		1	B-14-23-07		S.I.
"		2	E-14-23-07		S.I.
Rogers 24					
"	(1)	1	L-24-23-07	M	TSTM
Vandenburgh 11					
"	(5)	1	M-11-23-07	M	11662

BCO, INC.

Betty B					
"	(2)	1	C-15-23-07	M	3000
Compos					
"	(3)	1	J-10-23-07	M	19000
"	(4)	2	K-04-23-07	M	12000
Dunn					
"	(4)	2	F-10-23-07	M	4000
"	(5)	4	D-09-23-07	M	15000
"	(2)	5	C-09-23-07	M	15000
"	(2)	6	F-09-23-07	M	15000
"	(6)	7	K-09-23-07	M	15000
"	(2)	8	E-09-23-07	M	15000
"	(7)	9	B-03-23-07	*M	12000
"	(5)	10	A-03-23-07	*M	12000
"	(8)	11	H-03-23-07	*M	12000
"	(6)	12	O-03-23-07	M	12000
"	(32)	13	A-04-23-07	M	6000
"	(5)	14	L-10-23-07	M	3000
"	(15)	15	M-09-23-07	M	1333
Federal A					
"	(3)	1	E-23-23-07	M	3000
Federal B					
"	(3)	22	I-22-23-07	M	13000
State H					
"	(6)	1	O-02-23-07	M	5000
"	(3)	2	K-02-23-07	M	5000
"	(5)	3	M-02-23-07	*M	7000
"	(9)	4	D-02-23-07	*M	12000
"	(15)	5	B-02-23-07	*M	12000
"	(17)	6	I-02-23-07	*M	9000
State J					

"		1	A-16-23-07	* Gas We	

BYRON OIL INDUSTRIES

Dunn Federal					
"	(2)	1	J-04-23-07	M	25
"	(9)	2	P-04-23-07	M	187
Hanson Federal					
"	(4)	1	L-02-23-07	M	20
"	(3)	2	N-03-23-07	M	120
Lybrook					
"	(4)	1	O-04-23-07	M	217
"	(9)	2	I-04-23-07	M	60

COLEMAN OIL & GAS, INC.

Anderson					
"	(16)	1	K-22-24-08	M	19

DUGAN PRODUCTION CORP.

Adobe					
"		1	A-05-23-07		S.
Ballymmaloe					
"	(11)	2	K-25-23-07	M	109
Bumble					
"	(6)	2	O-27-24-08	M	20
Kenny					
"	(5)	1	B-36-23-07	M	208
Kinsale					
"	(6)	2	I-26-23-07	M	44
Lava Falls					
"	(7)	1	J-27-24-08	M	38
Phantom Ranch					
"	(7)	1	F-21-24-08	M	20
Sapp C					
"	(1)	1	M-05-23-07	M	48
"	(6)	2	D-05-23-07	M	207
"	(3)	3	O-05-23-07	M	172
State					
"	(4)	1	E-32-24-07	M	118

FLAG-REDFERN OIL COMPANY

Betty C 31					
"	(2)	2	O-31-24-07	M	98
"	(2)	3	K-31-24-07	M	182
"	(3)	4	M-31-24-07	M	184
"	(5)	5	I-31-24-07	M	59
"	(2)	6	L-31-24-07	M	52

FOUR CORNERS EXPLORATION CO.

Lybrook					
"	(5)	3	M-03-23-07	M	170
"	(7)	4	K-03-23-07	M	125

GRAHAM ROYALTY, LTD.

Dome Federal 13					
"		41	A-13-23-08		S.
Federal 6					
"	(2)	43	I-06-23-07	M	70
Federal 34					
"	(2)	43	I-34-24-08	M	290
Federal 35					
"	(2)	43	I-35-23-08	M	17
State of N.M. 36					
"	(4)	12	E-36-24-08	M	86
"	(4)	13	L-36-24-08	M	35
"	(2)	14	M-36-24-08	M	58
"	(2)	21	C-36-24-08	M	117
"	(2)	24	N-36-24-08	M	64
"	(2)	31	B-36-24-08	M	147
"	(8)	43	I-36-24-08	M	116
"	(3)	44	P-36-24-08	M	76

T.H. McELVAIN OIL & GAS PROP.

Lim					
"	(26)	1	M-36-24-07	M	19
Park					
"	(28)	1	K-36-24-07	M	

MERRION OIL & GAS CORP.

Chapman A					
"	(3)	1	F-29-23-06	M	7

MESA OPERATING LTD. PARTNERSHIP
So. Blanco Federal 6

"	(4)	1	A-06-23-07	M	3250
"	(3)	2	B-06-23-07	M	11333
"	(5)	3	H-06-23-07	M	8200
"	(4)	4	C-06-23-07	M	8500

So. Blanco Federal 22

"	(10)	2	P-22-24-08	M	1300

So. Blanco Federal 23

"	(10)	1	M-23-24-08	M	1800

So. Blanco Federal 25

"	(6)	1	K-25-24-08	M	5000
"	(6)	2	O-25-24-08	M	4833
"	(5)	3	M-25-24-08	M	3800
"	(8)	4	D-25-24-08	M	4875
"	(5)	5	L-25-24-08	M	3000
"	(5)	6	E-25-24-08	M	6000
"	(5)	7	F-25-24-08	M	6000

So. Blanco Federal 26

"	(6)	1	H-26-24-08	M	6833
"	(7)	2	F-26-24-08	M	2571
"	(6)	3	D-26-24-08	M	2666
"	(6)	4	C-26-24-08	M	2833
"	(5)	5	B-26-24-08	M	4000
"	(5)	6	A-26-24-08	M	4000
"	(6)	7	G-26-24-08	M	4166

So. Blanco Federal 30

"	(6)	1	M-30-24-07	M	10000

So. Blanco Federal 31

"		1	G-31-24-07		S.I.
"	(5)	2	H-31-24-07	M	10600

So. Blanco Navajo 8

"	(4)	1	A-08-23-07	M	24250
"	(3)	2	B-08-23-07	M	15333
"	(4)	3	H-03-23-07	M	14250

So. Blanco Navajo 25

"	(4)	1	P-25-24-08	M	10500
"	(3)	2	O-25-24-08	M	6000
"	(4)	3	J-25-24-08	M	10750

So. Blanco Navajo 26A

"	(5)	4	I-26-24-08	M	6000

So. Blanco Navajo 31

"	(4)	1	O-31-24-07	M	14750
"		2	E-31-24-07		S.I.

So. Blanc+o State 32A

"	(3)	1	O-32-24-07	M	9333

So. Blanco State 36

"	(5)	1	A-36-24-08	M	7400
"	(4)	2	H-36-24-08	M	7250
"	(3)	3	G-36-24-08	M	7333
"		5	D-36-24-08		S.I.

So. Blanco State 36F

"		1	F-36-24-08		S.I.

PARKO, INC.
Quinella

"	(3)	1	D-21-23-06	M	2986

RAMSEY PROPERTY MANAGEMENT, INC.
Emily

"	(4)	1	I-20-23-06	M	TSTM

Lu Lu

"	(5)	1	D-29-23-06	M	2994
"	(4)	2	L-29-23-06	M	898
"	(4)	3	N-29-23-06	M	TSTM
"	(5)	4	P-29-23-06	M	TSTM
"	(4)	5	J-29-23-06	M	TSTM

JESSIE STANLEY
Chapman

"	(8)	1	N-20-23-06	M	TSTM

UNION TEXAS PETROLEUM CORP.
Dunn

"		1	P-09-23-07		S.I.

Lybrook Gallup B

"		1	I-30-23-06		S.I.

Nageezi Fed. 3

"	(13)	1	C-03-23-07	M	9308

MANYROCKS-GALLUP
(40 Acre Spacing)
Top Allowable 80 GOR Limit 2,000

A.P.A. DEVELOPMENT CORP.

MANY ROCKS GALLUP WATERFLOOD #3 (B)
Navajo M

"		9	A-34-32-17	M	TSTM
"		10	I-34-32-17	M	TSTM
"		11	G-34-32-17	M	TSTM
"	(2)	12	C-34-32-17	M	TSTM
"		13	B-34-32-17		S.I.
"		1	M-33-32-17		WI
"		2	K-33-32-17		"
"		7	B-34-32-17		"
"		8	H-34-32-17		"

MANY ROCKS GALLUP WATERFLOOD #3 (A)

Navajo P

"		1	E-35-32-17	M	TSTM
"		2	K-35-32-17	M	TSTM
"		3	O-35-32-17		S.I.
"		4	L-35-32-17	M	TSTM
"	(1)	5	N-35-32-17	M	TSTM
"		8	M-35-32-17	M	TSTM
"		10	L-26-32-17		S.I.
"		12	I-35-32-17	M	TSTM
"		6	P-35-32-17		INJ
"		7	J-35-32-17		"
"		9	F-35-32-17		"
"		11	D-35-32-17		"

ARCO OIL & GAS COMPANY
ARCO MANY ROCKS GALLUP UNIT PMP #2
Many Rocks Gallup Unit

"		1	M-07-31-16		S.I.
"		2	D-07-31-16		S.I.
"		3	C-07-31-16		S.I.
"	(2)	5	E-07-31-16	M	
"		6	G-07-31-16		S.I.
"		8	L-07-31-16		S.I.
"	(2)	9	K-07-31-16	M	TSTM
"	(1)	10	I-07-31-16	M	TSTM
"		12	K-08-31-16		S.I.
"		13	N-07-31-16		S.I.
"	(5)	14	O-07-31-16	M	TSTM
"		16	A-18-31-16		S.I.
"	(5)	17	D-17-31-16	M	TSTM
"		18	C-17-31-16		S.I.
"		19	E-17-31-16		S.I.
"	(4)	20	F-17-31-16	M	TSTM
"		21	G-17-31-16		S.I.
"		22	K-17-31-16		S.I.
"		23	J-17-31-16		S.I.
"		26	P-17-31-16		S.I.

MARMAC PETROLEUM COMPANY
MANY ROCKS GALLUP PROJECT #1
Navajo Tr. Ind. G

"	(2)	207	A-12-31-17	M	TSTM
"	(3)	209	K-01-31-17	M	TSTM
"	(10)	210	E-01-31-17	M	TSTM
"	(3)	214	F-01-31-17	M	TSTM
" (8)		220,225	N-01-31-17	M	TSTM
"	(6)	224	B-12-31-17	M	TSTM
"	(3)	222	C-12-31-17	M	TSTM
"		215	B-02-31-17		Input
"		216	F-01-31-17		"
"		217	H-12-31-17		"
"		218	H-02-31-17		"
"		221	J-01-31-17		"
"		223	L-01-31-17		"

JAMES P. WOOSLEY
MANY ROCKS GALLUP WATERFLOOD #4
Navajo

"	(1)	1	A-28-32-17	M	TSTM
"	(2)	2,15	N-27-32-17	M	TSTM
"	(5)	4	P-27-32-17	M	TSTM
"	(2)	7,16	L-27-32-17	M	TSTM
"		8	E-27-31-17		S.I.
"		10	J-27-32-17		S.I.
"	(8)	13	K-27-32-17	M	TSTM
"	(5)	14	O-27-32-17	M	TSTM
"		3X	O-27-32-17		S.I.
"		6	K-27-32-17		S.I.
"		12	I-25-32-17		S.I.

Navajo A

"		1	M-27-32-17		S.I.

MANY ROCK-GALLUP, NORTH
(40 Acre Spacing)
Top Allowable 80 GOR Limit 2,000

JAMES P. WOOSLEY
Navajo

"		18	L-21-32-17		S.I.

Navajo AA

"		2	H-18-32-17		S.I.
"		3	G-18-32-17		S.I.
"		4	E-17-32-17		S.I.
"		5	B-18-32-17		S.I.
"	(2)	6	C-18-32-17	M	TSTM
"	(5)	7,24	L-17-32-17	M	TSTM
"	(6)	8,8Y	M-17-32-17	M	TSTM
"		9,23,22	N-17-32-17		S.I.
"	(2)	10	K-17-32-17	M	TSTM
"		11	O-17-32-17		S.I.
"		12	J-17-32-17		S.I.
"		13	B-20-32-17		S.I.
"		18	I-18-32-17		S.I.
"	(3)	19	B-19-32-17	M	TSTM

MARCELINA-DAKOTA
(40 Acre Spacing)
Top Allowable 80 GOR 2000

DEVCON OPERATION CO., INC.
Bullseye

"	(4)	1Y	C-19-16-09	M	TSTM
"	(2)	3	N-18-16-09	M	TSTM
"	(2)	7	D-19-16-09	M	TSTM
"		10	O-18-16-09		SI
"	(2)	12	M-18-16-09	M	TSTM
"	(6)	13	O-13-16-10	M	TSTM
"	(5)	15	P-13-16-10	M	636

Marcelina

"	(2)	1,5	A-24-16-10	M	TSTM
"		6	H-24-16-10		SI

MEADOWS-GALLUP
(40 Acre Spacing)
Top Allowable 80 GOR Limit 2,000

DUGAN PRODUCTION CORP.
Bonnie & Ed

"		1	J-04-29-15		S.I.

Frank W. Pyle Estate

"	(2)	2	N-34-30-15	M	6857

Gary C

"	(2)	1	D-11-29-15	M	9054

Harry

"		1	E-33-30-15		T.A.

My Place

"		1	L-03-29-15		S.I.

W.M. GALLAWAY
Jess Brown

"	(2)	1	N-05-29-15	M	TSTM

GREENWOOD HOLDINGS, INC.
Fruitland

"	(2)	1	I-03-29-15	M	10579
"	(0)	2	F-03-29-15	M	
"	(3)	3	J-03-29-15	M	4448

JEROME P. McHUGH
John A. Brimhall

"		1	A-10-19-15		S.I.

S & I OIL COMPANY
Davie

"	(1)	1	M-02-29-15	M	1600

Neilson

"	(2)	1	P-03-29-15	M	4762

SOUTHERN UNION EXPLORATION CO.
Horseshoe

"		1	K-02-29-15		SI

SOUTHLAND ROYALTY CO.
Holly Federal

"	(2)	1	P-29-30-15	M	10795

MEDIA-ENTRADA
(160 Acre Spacing)
Top Allowable 750 GOR Limit 2,000

MERRION OIL & GAS CORP.
Media Entrada Unit

"		2	I-15-19-03		S.I.
"		3	L-14-19-03		S.I.
"	(62)	6	P-15-19-03	M	TSTM
"		7	M-14-19-03		S.I.
"		1	M-15-19-03		SWD
"		4	O-15-19-03		SWD
"		5	O-15-19-03		SWD
"		8	N-14-19-03		SWD

MEDIA-ENTRADA, SOUTHWEST
(160 Acre Spacing)
Top Allowable 750 GOR Limit 2,000

MERRION OIL & GAS CORP.
Boiling Federal

"	6,8	C,F-22-19-03		S.I.

Miller Federal

"	722	G-22-19-03		S.I.

Acreage Factor .87
Boiling

"	9	E-22-19-03		SWD

MEDIA-GALLUP
(40 Acre Spacing)
Top Allowable 80 GOR Limit 2,000

MERRION OIL & GAS CORP.
Boling Federal

"	5	C-22-19-03		SWD

Federal Media

"	7	G-22-19-03		T.A.

MESA-GALLUP
(40 Acre Spacing)
Top Allowable 80 GOR Limit 2,000

ARI-MEX EXPLORATION, INC.
Navajo

"	(4)	1,6	H-15-32-18	M	TSTM
"	(1)	3	A-15-32-18	M	TSTM
"		5	O-10-32-18		S.I.

Navajo B

"	(1)	2	I-15-32-18	M	TSTM
"	(2)	3	B-15-32-18	M	TSTM

GRAND RESOURCES INC.
Aztec Navajo A

"	(2)	4	B-25-32-18	M	TSTM
"	(5)	5	C-25-32-18	M	TSTM

Navajo

"	(4)	3	N-24-32-18	M	TSTM
"		4	J-14-32-18		S.I.
"	(7)	7	E-24-32-18	M	TSTM
"	(3)	8	A-23-32-18	M	TSTM
"	(4)	11	B-23-32-18	M	TSTM
"	(2)	12	F-24-32-18	M	TSTM

Navajo Tr. C

"	(3)	1	L-24-32-18	M	TSTM
"	(3)	2	H-23-32-18	M	TSTM
"	(2)	3	O-14-32-18	M	TSTM
"	(2)	4	K-24-32-18	M	TSTM
"	(4)	5	L-14-32-18	M	TSTM
"	(3)	6	B-14-32-18	M	TSTM

DUGAN PRODUCTION CORP.
Horseshoe

"	(2)	1	B-31-32-17	M	21333
"	(2)	2	E-30-32-17	M	503

MIGUEL CREEK-GALLUP
(40 Acre Spacing)
Top Allowable 80 GOR Limit 2,000

BACA PETROLEUM CORP.
NORTHERN MINERALS MCKINLEY GA. WATERFLOOD

SSFPRR
" 8,11 G-29-16-06 S.I.
" 21 H-29-16-06 S.I.
" (12) 23,24,25 A-29-16-06 M TSTM
26,44
" 27,28,30 P-20-16-06 S.I.
38,41
" 29 I-20-16-06 S.I.
" 32,33,34,35 B-29-16-06 S.I.
" (5) 42,43 M-21-16-06 M TSTM
" 31,39,40,45 D-28-16-06 S.I.
" (20) 37,47 L-21-16-06 M TSTM
48,49,56
" 52,53,54,81 K-21-16-06 S.I.
" 46 E-28-16-06 S.I.
" 15 F-29-16-06 S.I.
" 6Y G-29-16-06 S.I.
T. Drought
" 2 P-33-16-06 S.I.

MIGUEL CREEK-GALLUP NORTH
(40 Acre Spacing)
Top Allowable 80 GOR Limit 2,000

BACA PETROLEUM CORP.
MIGUEL CREEK STEAM INJECTION PROJECT
State
" (20) 1,4,5,6 M-16-16-06 M TSTM
" 2 & 3 N-16-16-06 S.I.
" (5) 7 L-16-16-06 M TSTM

NAGEEZI-GALLUP
(40 Acre Spacing)
Top Allowable 107 GOR Limit 2,000

BCO, INC.
Federal D
" (3) 1 G-01-23-09 M TSTM
" (1) 2 J-01-23-09 M 2000
Federal F
" (4) 1 J-08-23-08 M TSTM

DUGAN PRODUCTION CORP.
Jeffers Fed. 2
" 23 K-02-23-08 S.I.

GRAHAM ROYALTY L.T.D.
Fed. 3
" (9) 23 K-03-23-08 M 4118
" 43 I-03-23-08 SI
Fed. 6
" (2) 41 A-06-23-08 M 11502
Fed. 9
" (3) 31 B-09-23-08 M 1515
Fed. 15
" (7) 41 A-15-23-08 M 1515
N.M. State
" (2) 1 D-32-24-08 M 58824
" (4) 2 M-32-24-08 M 26471
" (4) 3 G-32-24-08 M 6176
State of N.M. 16
" (7) 21 C-16-23-08 M 1980
" (6) 43 I-16-23-08 M 833
Union Navajo Allotted 5
" 21 C-05-23-08 S.I.

NOSE ROCK HOSPAH
(40 Acre Spacing)

Top Allowable 80 GOR Limit 2,000
GURLEY OIL COMPANY
NMALCO-Gurley
" (10) 1 P-09-20-12 M TSTM
" (12) 4 O-09-20-12 No C-116
Salazar Navajocito
(19) 1 M-10-20-12 M TSTM
STATE COOKIE
" (10) 1 A-06-20-12 M TSTM
" (20) 5 B-16-20-12 M TSTM

DJITO GALLUP-DAKOTA, NORTHEAST
(160 Acre Spacing)
Top Allowable 427 GOR Limit 2,000

AMOCO PRODUCTION CO.
Jic. Apache A 118
" (25) 8 P-35-26-03 M TSTM
" (60) 9 N-35-26-03 M TSTM
" (44) 10 H-35-26-03 M 5682
" (66) 11 N-36-26-03 M 4455
" (120) 13 F-35-26-03 M 725
" (657) 14 C-36-26-03N427 1616
" (10) 15 P-25-26-03 M 43000
" (503) 16 F-26-26-03N427 348
" (223) 17 P-26-26-03 M 1435
" (34) 19 P-36-26-03 M 14265
" (33) 24 H-25-26-03 M 37939

HIXON DEVELOPMENT CO.
Marsha Bingham
" (170) 1 A-27-26-03 M 3329

MERRION OIL & GAS CORP.
Bootstrap Com
" (13) 1 H-31-26-02 M 18769
Acreage Factor 1.15
Megabyte Com
" (18) 1 H-30-26-02 M 5611

MOBIL PRODUCING TX & N.M., INC.
Jicarilla D
" (468) 16 M-23-26-03N427 352

OJO ENCINO-ENTRADA
(40 Acre Spacing)
Top Allowable 750 GOR Limit 2,000

MERRION OIL & GAS CORP.
Federal 21
" 1 K-21-20-05 S.I.
" 2 F-21-20-05 S.I.

OSWELL-FARMINGTON
(40 Acre Spacing)

Top Allowable 80 GOR Limit 2,000
LEE M. CRANE
Martin
" 3 N-34-30-11 Gas Well

ORVILLE S. SLAUGHTER, JR.
Sangre de Cristo
" (3) 1 D-34-30-11 M 1720

OTERO-GALLUP
(40 Acre Spacing)
Top Allowable 107 GOR Limit 2,000

AMERADA HESS CORP.
Havey State
" 1 N-36-25-06 Gas Well
" (2) 2 O-36-25-06 M 37000
" (2) 3 F-36-25-06 M 20000
McKenzie Federal
" (2) 1 M-25-25-06 M 40000
" 2 K-25-25-06 S.I.
" (2) 3 O-25-25-06 M 45500

GRAHAM ROYALTY LTD.
Jicarilla 35
" (7) 7 F-01-24-05 M 12143
" (3) 10 C-02-24-05 M 7200

B.W.P., INC.
Jic. Tribal 10
" 1 M-33-25-05 S.I.

CONOCO, INC.
Northeast Haynes
" (1) 1 L-09-24-05 M 13000
" (2) 1E O-09-24-05 M 6500
" (2) 2 O-16-24-05 M 8500
" (1) 2E G-16-24-05 M 14000
" (1) 3 P-16-24-05 M 18000

" (2) 3E L-16-24-05 M 5500
" (1) 4 E-21-24-05 M 13000
" (1) 5 E-22-24-05 M 7000
" (1) 6 D-15-24-05 M 12000
" 7 L-10-24-05 Gas Well
" (4) 8 P-15-24-05 M 2250
" (1) 8E L-15-24-05 M 6333
" (1) 9 A-21-24-05 M 13000
" 10 G-21-24-05 Gas Well

CHEVRON U.S.A., INC.
Apache Federal
" (3) 8 D-08-24-05 M TSTM
" (2) 9 D-17-24-05 M 7500

DUGAN PRODUCTION CORP.
A New Dawn
" (4) 1 L-14-24-05 M 1149
Jicarilla Otero
"/ (6) 1 K-21-24-05 M 2449
"/ (16) 2 g-28-24-05 M 1395
"/ (13) 4 D-27-24-05 M 3308
"/ (8) 5 C-28-24-05 M 1875

MERIDIAN OIL, INC.
Canyon Largo Unit NP
" (8) 95 B-36-25-06 M 13130

MERRION OIL & GAS CORP.
McKenzie Federal
" 1 E-25-25-06 S.I.

TEXACO, INC.
Jicarilla B
" (1) 2 I-31-25-05 M 30000
" 4 M-32-25-05 S.I.
" 8 H-31-25-05 S.I.
" 9 O-31-25-05 S.I.
" 10 P-32-25-05 S.I.
Jicarilla B
" (1) 11 B-05-24-05 M 18000
Acreage Factor 1.31
" 12 H-32-25-05 S.I.
" 14 D-32-25-05 S.I.
" (4) 15 B-31-25-05 M 9250
Jicarilla B
" (4) 18 F-31-25-05 M 8250
" (4) 20E L-31-25-05 M 10750
" 26E J-31-25-05 S.I.
Jicarilla C
" (2) 14E O-27-25-05 M 14500
" (2) 21 J-28-25-05 M 7000
" 25 L-27-25-05 S.I.
" (2) 27E B-33-25-05 M 14000
" (4) 28 B-34-25-05 M 8750
" (4) 30 P-27-25-05 M 9250

UNION TEXAS PETROLEUM CORP.
Jicarilla L
" 5 N-33-25-05 S.I.
" 11 G-03-24-05 S.I.

OTERO-SANDSTEE
(40 Acre Spacing)
Top Allowable 107 GOR Limit 2,000

MALLON OIL CO.
Jicarilla 434 G
" (36) 1 C-06-22-04 M 5956
Jicarilla 435 G
" (5) 1 F-09-22-04 M 5800

PAJARITO-PENNSYLVANIAN "O"
(40 Acre Spacing)
Top Allowable 187 GOR Limit 2,000

VISTA RESOURCES, INC.
Navajo Tract 20
" 1 D-31-29-17 S.I.
" 3 F-31-29-17 S.I.
Navajo Tract 20-31
" 31 B-31-29-17 S.I.

PAPER WASH-ENTRADA
(40 Acre Spacing)
Top Allowable 750 GOR Limit 2,00

TEXACO, INC.
Federal 15
" 2 E-15-19-05 S.I
Navajo Allotted 15
" 3 K-15-19-05 S.I
" 4 L-15-19-05 S.I
Navajo Allotted 16
" 1 I-16-19-05 S.I

PAPER WASH-MESAVERDE
(40 Acre Spacing)
Top Allowable 80 GOR Limit 2,00

JAMES L. LUDWICK
Federal 8
" (6) 4 M-08-19-05 M 33
Indian 17
" 1 D-17-19-05 S
" (5) 3 E-17-19-05 M 10
" 5 L-17-19-05 S.I
Indian 18
" (4) 1 H-18-19-05 M 17
" 2 A-18-19-05
" 3 I-18-19-05 S
Ludwick
" (2) 1 P-07-19-05 M 75

PARLAY-MESAVERDE
(40 Acre Spacing)
Top Allowable 80 GOR Limit 2,0

LA QUINTA OIL CO.
Farlay
" 1 H-29-24-03
" 2 F-29-24-03

PINON-GALLUP
(40 Acre Spacing)
Top Allowable 187 GOR Limit 2,0

AMOCO PRODUCTION CO.
Gallegos Canyon Unit
" (8) 250 N-15-28-12 M 62
" (2) 252 A-15-28-12 M 15
" 254 I-19-28-12 O
" 217E D-12-28-12 S.

POTTER GALLUP
(40 Acre Spacing)
Top Allowable 107 GOR Limit 2,0

UNION TEXAS PETROLEUM CORP.
State 16
(3) 1 E-16-28-09 M 320
(3) 2 G-16-28-09 M 376
(2) 3 M-16-28-09 M 500
4 O-16-28-09 Gas We

POT MESA-MESAVERDE
(40 Acre Spacing)
Top Allowable 80 GOR Limit 2,0

MERRION OIL & GAS CORP.
Corrales
" 1 O-03-20-06 S.
" 2 N-03-20-06 S.
Pot Mesa
" (7) 1 B-10-20-06 M 20
" (5) 4 C-10-20-06 M 44
Zia
" (6) 1 O-02-20-06 M TS

PUERTO CHIQUITO-MANCOS, EAST
(160 Acre Spacing)
Top Allowable 320 GOR Limit 2,0

BENSON-MONTIN-GREER DRILLING CORP.
Renco
" (3) 1 N-05-24-1E M
E. Puerto Chiq. Mancos Unit

"	1	L-29-27-1E		S.I.
Acreage Factor .40				
"	2	G-29-27-1E		S.I.
"	3	C-29-27-1E		S.I.
Acreage Factor .50				
"	4	K-29-27-1E		S.I.
Acreage Factor .40				
"	5	A-29-27-1E		S.I.
Acreage Factor .50				
"	6	I-29-27-1E		S.I.
Acreage Factor .40				
" (16)	7	N-20-27-1E	M	200
"	8	P-19-27-1E		S.I.
"	9	H-30-27-1E		S.I.
" (1)	10	H-20-27-1E	M	300
"	11	P-20-27-1E		S.I.
" (100)	12	H-19-27-1E	M	300
" (60)	13	F-20-27-1E	M	300
" (156)	14	N-19-27-1E	M	225
" (3)	15	M-21-27-1E	M	400
"	16	C-28-27-1E		S.I.
"	17	O-17-27-1E		S.I.
"	18	P-13-27-1E		S.I.
"	19	H-25-27-1E		S.I.
"	20	D-04-27-1E		S.I.
"	21	B-05-26-1E		S.I.
"	22	C-05-26-1E		S.I.
" (6)	23	H-06-26-1E	M	650
"	24	F-06-26-1E		S.I.
" (10)	25	I-06-26-1E	M	127
"	26	F-05-26-1E		S.I.
" (4)	27	H-05-26-1E	M	540
" (20)	28	D-09-16-1E	M	640
" (8)	29,32	F,H-09-26-1E	M	300
" (5)	30	I-08-26-1E	M	400
" (5)	31	P-09-26-1E	M	600
Federal 17-32				
" (18)	1	N-32-25-1E	M	TSTM

BUS-RX, INC.
Cido

"	2	A-16-25-1E		No C-115

HAN-SAN, INC.
Duro

" (3)	1	C-27-26-1E	M	TSTM
Acreage Factor .50				
Grevey				
" (2)	2	D-35-26-1E	M	TSTM
" (16)	4Y	L-26-26-1E	M	TSTM

HEBCO OIL CO.
Gran Federal

"	1R	I-21-26-1E	M	TSTM

KENNETH HAND & MARVIN SANDERS
Grevey

"	1	M-26-26-1E		S.I.

NOEL REYNOLDS
Arellano

"	1	F-05-24-1E		S.I.

PUERTO CHIQUITO-MANCOS,WEST
(640 Acre Spacing)
Top Allowable 800 GOR Limit 2000

AMOCO PRODUCTION CO.
Schmitz Anticline Federal

" (83)	1	K-25-24-01	M	289
State CC				
" (626)	1	J-26-24-01	M	160

BENSON-MONTIN-GREER DRILLING CORP.
Canada Ojitos Unit

" (9)	1	O-09-26-01	M	1000
" (38)	9	C-02-25-01	M	600
" (20)	10	O-33-26-01	M	6100
"	12	A-22-25-01		S.I.
" (263)	13	L-27-26-01	M	470
"	14	C-34-25-01		S.I.
" (26)	16	L-03-24-01	M	600
" (13)	21	B-32-26-01	M	1950

" (87)	23	N-22-26-01	M	340
"	24	J-08-26-01		S.I.
" (1002)	25	B-32-25-01N	800	1148
" (15)	26	K-31-25-01	M	700
" (18)	27	J-08-24-01	M	650
" (1217)	28	B-29-25-01N	308	#1561
" (232)	29,32	E,J-06-25-01	M	2063
" (440)	30	F-30-25-01	M	1091
" (300)	31	N-31-26-01	M	680
" (441)	33	F-18-25-01	M	590
" (82)	34	F-19-25-01	M	1500
" (199)	37	G-05-24-01	M	1201
" (90)	38	F-07-25-01	M	1200
Florance				
" (10)	1	B-20-27-01	M	400
Jicarilla 200				
" (72)	1	O-21-27-01	M	2000
Jicarilla 403				
" (15)	1	I-17-27-01	M	2720
Jicarilla 404				
" (60)	1	O-16-27-01	M	1200

WEST PUERTO CHIQUITO P.M. PROJECT
Canada Ojitos Unit

"	3	A-14-25-01		I.A.
"	4,6	P,L-11-25-01		I.A.
"	7	A-23-25-01		S.I.
" (16)	8	A-16-25-01	M	300
" (412)	11	E-10-25-01	M	2403
"	2	K-13-25-01		Input
"	5	B-18-25-1E		"
"	17	G-01-24-01		"
"	18	C-05-25-1E		"
"	19	A-14-25-01		"

MOBIL PRODUCING TX. & N.M., INC.
Harrington Federal 28

	1Y	G-28-24-01	M	

NASSAU RESOURCES, INC.
Wishing Well 35

" (401)	7	G-35-24-01	M	903

RED MOUNTAIN MESAVERDE
(40 Acre Spacing)
Top Allowable 80 GOR Limit 2,000

GEO ENGINEERING, INC.
RMA CHACO WASH MESAVERDE WATERFLOOD
Santa Fe Pacific

"	3,4,9,28	O-20-20-09	S.I.
"	24	P-29-20-09	S.I.
"	5	B-29-20-09	S.I.
"	7,8	A-20-20-09	S.I.
"	13	C-20-20-09	S.I.
"	9,10,12	P-09-20-09	S.I.
"	34,42	B-29-20-09	S.I.
"	2,47	O-20-20-09	S.I.

REGINA-GALLUP
(40 Acre Spacing)
Top Allowable 80 GOR Limit 2,000

AMOCO PRODUCTION CO.
Southern Union Fed. Com

	1	F-36-24-01	M	

SOUTHERN UNION EXPLORATION OF TEXAS
Mobil Federal

" (3)	1	J-36-24-01	M	333

RIO PUERCO-MANCOS
(320 Acre Spacing)
Top Allowable 320 GOR Limit 2,000

DUGAN PRODUCTION CORP.
Husky Federal

"/ (2)	2	D-25-21-04	M	3076
Penistaja Wash 26				
"/	16	P-26-21-04		S.I.

GARY WILLIAMS OIL PRODUCERS, INC.

Ceja Pelon 25				
"/ (5)	2	B-25-21-04	M	TSTM
Ceja Pelon 35				
"/ (25)	13	M-35-21-04	M	TSTM
Ceja Pelon D				
"/ (12)	36	P-36-21-04	M	1585
Chijulla 22				
"	13	M-22-21-02		S.I.
Chijulla 28				
"	15	O-28-21-02		S.I.
Chijulla 34				
" (20)	14	N-34-21-02	M	TSTM
Johnson 4				
"	14	N-02-20-02		S.I.
Johnson 6				
"/ (85)	16	P-06-20-02	M	1400
Johnson 7				
"	11	K-07-20-02		S.I.
Penistaja 3				
" (40)	9	I-03-20-04	M	500
Penistaja 11				
"	1	A-11-20-04		S.I.
San Isidro 1				
"/ (20)	16	P-01-20-03	M	447
San Isidro 3				
"/ (5)	16	P-03-20-03	M	TSTM
San Isidro 11				
"/ (54)	16	P-11-20-03	M	2625
San Isidro 12				
"/ (60)	2	B-12-20-03	M	566
"	4	D-12-20-03		S.I.
San Isidro 13				
"	11	K-13-20-03		S.I.
San Isidro 14				
"/ (5)	4	D-14-20-03	M	TSTM
San Isidro 15				
"	4	D-15-20-03		S.I.
" (12)	7	G-15-20-03	M	785
San Isidro 16				
"	10	J-16-20-03		S.I.
San Isidro 18				
"	8	H-18-20-03		S.I.
San Isidro 28				
"/ (19)	8	H-28-20-03	M	1709
Taylor 28				
"	4	D-28-21-03		S.I.
Taylor 29				
"	9	I-29-21-03		S.I.
"/ (15)	13	M-29-21-03	M	3253
Taylor 30				
"/ (5)	8	H-30-21-03	M	TSTM
"/ (40)	15	O-30-21-03	M	TSTM
Acreage Factor .63				
Taylor 32				
"/ (7)	6	F-32-21-03	M	2350

RUSTY-GALLUP
(40 Acre Spacing)
Top Allowable 107 GOR Limit 2,000

HICKS OIL & GAS, INC.
Dana State

" (2)	1	G-16-22-17	M	30000

TEXACO, INC.
Dome Navajo 22-22-07

"	1	P-22-22-07		S.I.
"	2	C-22-22-07		S.I.
Dome Tesoro 22				
"	4	C-22-22-07		S.I.
Dome Tesoro 23				
"	1	L-23-22-07		S.I.
Dome Tesoro 27				
" (2)	3	D-27-22-07	M	15000

SALT CREEK-DAKOTA
(40 Acre Spacing)
Top Allowable 80 GOR Limit 2,000

CHASE ENERGY, INC.
Clark Kent

"/ (14)	1,4	I-05-30-17	M	
King Kong				
"/ (5)	1X,5	L-04-30-17	M	
"/ (24)	8,9	G-04-30-17	M	
"/(4)	(4)15,20	L-04-30-17	M	
"	5	L-04-30-17		Input

SAN ISIDRO-MESAVAERDE
(40 Acre Spacing)
Top Allowable 80 GOR Limit 2,000

GARY WILLIAMS OIL PRODUCERS, INC.
San Isidro 26

" (9)	7	G-26-20-03	M	TSTM

SAN LUIS MESAVERDE
(40 Acre Spacing)
Top Allowable 80 GOR Limit 2,000

TORREON OIL COMPANY
San Luis Fed.

"(23)	11,12,13,3	J-21-18-02	M	TSTM
"	(6) 1,15	K-21-18-02	M	TSTM
"	2	K-21-18-02		Input
"	4,5	J-21-18-02		Input

SAN LUIS MESAVERDE, SOUTH
(40 Acre Spacing)
Top Allowable 80 GOR Limit 2,000

NOEL REYNOLDS
Ann

" (2)	3	A-33-18-03	M	TSTM
Darla				
" (6)	1,7,16	H-33-18-03	M	TSTM

SEVEN LAKES-MENEFEE
(40 Acre Spacing)
Top Allowable 80 GOR Limit 2,000

FARRIS MINES
Farris

" (4)	1,2,3	P-18-18-10	M	TSTM
"	6	O-18-18-10		S.I.

SIMPSON-GALLUP
(80 Acre Spacing)
Top Allowable 160 GOR Limit 2,000

AMOCO PRODUCTION CO.
Gallegos Canyon Unit

" (21)	83	A-26-28-11	M	2716
" (42)	230E	O-23-28-12	M	5038
C.W. McManus				
" (3)	1	M-22-28-12	M	7333

BHP PETROLEUM (AMERICAS), INC.
Callegos Canyon Unit

"	125	K-24-28-12		S.I.

DUGAN PRODUCTION CORP.
Gallegos

"	1	I-21-28-12		S.I.
"	2	E-22-28-12		S.I.

SLEEPER PICTURED CLIFFS
(40 Acre Spacing)
Top Allowable 80 GOR Limit 2,000

ROBERT L. BAYLESS
Jic. Apache A 118

" (27)	1	A-26-26-03	M	1481
Jicarilla 118 B				
"/ (20)	1	H-26-26-03	M	800

MOBIL PRODUCING TEXAS & N.M., INC.
Jicarilla D

"	4	M-33-26-03		I.A.
" (52)	15	I-33-26-03	M	TSTM

SLICK ROCK-DAKOTA
(40 Acre Spacing)
Top Allowble 80 GOR Limit 2,000

RAYMOND T. DUNCAN
North Hogback 1

"(20)	2,18Y,19	J-01-19-17	M	TSTM
" (4)	5	G-01-29-17	M	TSTM

"	8	K-01-29-17		S.I.
" (2)	9	H-01-29-17	M	TSTM
" (20)	11,21	F-01-29-17	M	TSTM
North Hogback 6				
" (4)	1,3,6	L-06-29-16	M	TSTM
" (33)	4,5,11	M-06-29-16	M	TSTM
North Hogback 7				
" (6)	1,3,4	E-07-29-16	M	TSTM
" (16)	2,5,6	D-07-29-16	M	TSTM
North Hogback 12				
" (8)	1,6,9	H-12-29-17	M	TSTM
" (45)	2,4,5,10	A-12-29-17	M	TSTM

CHACE ENERGY, INC.
Navajo Tribal

"	8	M-31-30-16		T.A.
"/ (5)	9,11	E-31-30-16	M	
"/ (3)	13	L-31-30-16	M	
"	12	L-31-30-16		Input
Deb				
"/(13)	2X,15 18,40	P-36-30-17	M	
"/ (7)	17	I-36-30-17	M	

SNAKE EYES-ENTRADA
(40 Acre Spacing)
Top Allowable 750 GOR Limit 2,000

MERRION OIL & GAS CORP.
Santa Fe 20

"	1	G-20-21-08		S.I.
Santa Fe 20-21-8				
"	3	H-20-21-08		S.I.

STAR-MESAVERDE
(40 Acre Spacing)
Top Allowable 80 GOR Limit 2,000

WOOSLEY OIL CO.
Santa Fe Energy

" (7)	1	P-08-19-06	M	TSTM
Santa Fe				
" (2)	1	N-09-19-06	M	TSTM
State				
"	1	D-16-19-06		S.I.
" (2)	2	C-16-19-06	M	TSTM
" (5)	3	A-16-19-06	M	TSTM
WTR				
"	1	M-10-19-06		S.I.

TABLE MESA-DAKOTA
(40 Acre Spacing)
Top Allowable 80 GOR Limit 2,000

JOHN F. STAVER
Table Mesa

"	14	J-03-27-17		S.I.
Table Mesa				
"	15	G-03-27-17		S.I.
"	19	N-03-27-17		S.I.

TAPACITO-GALLUP, ASSOCIATED
(Spacing Oil - 80 Gas - 320)
Top Oil Allowable 222 GOR Limit 2,000
Top Gas Allowable 1776 MCFD

JEROME P. McHUGH
Jicarilla

"	5	D-29-26-04	GW AF	1.00

AMOCO PRODUCTION CO.
Jicarilla A

"	2	B-18-26-05		T.A.
"	3	A-19-26-05	GW AF	1.00
"	5	G-20-26-05	GW AF	1.00
"	8	H-17-26-05	GW AF	.25
Jicarilla B				
"	4	H-21-26-05	GW AF	1.00
"	7	H-16-26-05		T.A.
Jicarilla C				
"	3	I-23-26-05	GW AF	1.00

UNION TEXAS PETROLEUM CORP.

Jicarilla H				
" (3)	7,7E	K,D-19-26-04	M	29333
Jicarilla J				
" (2)	9E	D-26-26-05	M	31500
" (5)	12E	M-35-26-05	M	2400
"	14E	G-35-26-05	GW AF	1.00

TOCITO DOME PENNSYLVANIAN "D", ASSOC.
(Spacing Oil - 160 Gas - 320)
Top Oil Allowable 328 GOR Limit 2,000
Top Gas Allowable 1528 MCFD

ROBERT L. BAYLESS
Navajo Tr. N

"	1,3	M,O-17-26-18		S.I.
" (5)	4	A-18-26-18	M	1545
"	6	G-17-26-18		S.I.
"	8	B-18-26-18		S.I.
"	11	D-17-26-18		S.I.
"	12	I-16-26-18		S.I.
Navajo Tr. P				
" (9)	4	K-07-26-18	M	1948
" (7)	6	O-07-26-18	M	2219
"	3,7	P,O-08-26-18		S.I.
Navajo Tr. U				
"	4	B-21-26-18		S.I.
"	5,13	P,J-16-26-18		S.I.
"	8,16	F,C-16-26-18		S.I.
"	9,23	M,N-22-26-18		S.I.
"	3,14	M,K-16-26-18		S.I.
"	15	P-22-26-18		S.I.
"	17	A-22-26-18		S.I.
" (22)	19	H-15-26-18	M	1725
"	24,29	L,N-15-26-18		S.I.
"	26	I-22-26-18		S.I.
"	27	P-15-26-18		S.I.

TEXACO, INC.
Navajo Tribe AR

"	8	D,C-27-26-18		S.I.
"	5	A,G-27-26-18		S.I.
" (72)	4,6	I,O-27-26-18	M	21944
Navajo Tribe BS				
"	5	L-23-26-18		S.I.
Navajo Tribe BU				
" (10)	2	B-34-26-18	M	5000

TOCITO DOME-PENNSYLVANIAN ASSOC., NORTH
(Spacing Oil - 160 Gas - 320)
Top Oil Allowable 382 GOR Limit 2,000
Top Gas Allowable 1528 MCFD

READING & BATES PETROLEUM CORP.
Navajo Tocito

" (3)	1	G-09-26-18	M	3187
"	4	L-10-26-18		Input

TOTAH-GALLUP
(80 Acre Spacing)
Top Allowable 187 GOR Limit 2,000

AMOCO PRODUCTION CO.
Gallegos Canyon Unit

" (20)	214E	C-6-28-12	M	22075

MERRION OIL & GAS CORP.
Navajo Tribe H

" (1)	12	E-14-29-14	M	TSTM

Acreage Factor 1.02

PARAMOUNT PETROLEUM CORP.
Aztec Totah Unit

"	1	A-29-29-13		S.I.
"	2	G-29-29-13		S.I.
"	3	I-29-29-13		S.I.
"	4	C-29-29-13		S.I.
"	5	K-29-29-13		S.I.
"	6	E-29-29-13		S.I.
"	7	O-29-29-13		S.I.
"	8	K-20-29-13		S.I.
"	9	M-20-29-13		S.I.
"	10	I-19-29-13		S.I.
"	11	O-19-20-13		S.I.
"	12	G-19-29-13		S.I.

"	14	K-19-29-13		S.I.
"	15	C-30-29-13		S.I.
"	16	O-18-29-13		S.I.
"	19	A-30-29-13		S.I.
Central Totah Unit				
"	1	M-21-29-13		S.I.
"	3	E-28-29-13		S.I.
"	4	K-29-29-13		S.I.
"	5	M-28-29-13		S.I.
"	6	H-29-29-13		S.I.
"	7	I-28-29-13		S.I.
"	8	P-28-29-13		S.I.
"	9	K-27-29-13		S.I.
"	10	M-27-29-13		S.I.
"	11	O-27-29-13		S.I.
"	12	C-33-29-13		S.I.
"	13	A-33-29-13		S.I.
"	14	G-33-29-13		S.I.
"	15	D-34-29-13		S.I.
"	16	B-34-29-13		S.I.
"	17	F-34-29-13		S.I.
"	18	H-34-29-13		S.I.
"	20	J-34-29-13		S.I.
"	21	P-34-29-13		S.I.
"	22	N-34-29-13		S.I.
"	23	I-11-29-13		S.I.

SOUTHWEST PRODUCTION CO.
Callow Federal

"	1	I-33-29-13		S.I.
" (3)	2	J-33-29-13	M	TSTM

VENADA-MESAVERDE
(40 Acre Spacing)
Top Allowable 80 GOR Limit 2,000

HICKS OIL & GAS, INC.
Jair

" (5)	1	H-07-22-05	M	TSTM
" (3)	2	L-08-22-05	M	TSTM

VERDE-GALLUP
(40 Acre Spacing)
Top Allowable 80 GOR Limit 2,000

BENSON-MONTIN-GREER DRILLING CORP.
Ute Mountain

"	4	M-21-31-14		S.I.
"	7	K-21-31-14		T.A.
" (3)	8	I-21-31-14	M	TSTM
"	9	M-22-31-14		S.I.
"	11	A-21-31-14		S.I.
" (5)	13	E-22-31-14	M	TSTM
"	14	C-22-31-14		S.I.

CHASE ENERGY, INC.
Ute Mountain B

"/ (2)	1	B-29-31-15	M	
"/ (3)	2	F-29-31-15	M	
"	4	F-32-31-15		S.I.
"/ (3)	7	N-31-31-15	M	
"/ (2)	8	H-31-31-15	M	
"	9	H-32-31-15		S.I.
"/ (2)	10	N-29-31-15	M	
"/ (2)	11	F-31-31-15	M	
"/ (2)	15	K-31-31-15	M	
"/ (7)	16	J-31-31-15	M	

GREENWOOD HOLDINGS, INC.
Ute Mountain Ute

" (5)	1	F-10-31-15	M	TSTM

JULIUS CHODEROW
Ute

"	1	F-20-31-15		T.A.

JACK C. COOK & MAX WEBB
Ute 13

" (16)	23	K-13-31-15	M	750
Ute 22				
" (5)	31	B-22-31-15	M	4500

W.M. GALLAWAY
Southern Union

" (2)	1	H-16-31-15	M	TSTM
Ute Indian				
"	1	P-10-31-15		S.I.
" (2)	2	G-10-31-15	M	TSTM
Ute Indian A				
"	2	G-16-31-15		S.I.
" (2)	5	C-15-31-15	M	TSTM
" (1)	10	M-15-31-15	M	TSTM
Ute Indian D				
" (9)	10	C-23-31-15	M	TSTM
Ute Indian E				
" (1)	1	E-17-31-15	M	TSTM

HEBCO OIL COMPANY
Malco Copple

"	2	C-05-30-15		S.I.
"	3	E-05-30-15		S.I.
"	6	G-05-30-15		S.I.
"	7	K-05-30-15		S.I.
"	8	A-05-30-15		S.I.
Sheila				
"/ (25)	1	B-05-30-15	M	TSTM

HIGH PLAINS PETROLEUM CORP.
Westwater Fed. 6

"/ (14)	1	B-06-30-15	M	TSTM
Wild Swede				
	1	H-06-30-15	M	

KIMBARK OIL & GAS CO.
Heather Ann

" (10)	1	P-07-31-14	10	TSTM
"	2	L-08-31-14		S.I.

R.E. SITTA, JR.
State Senate

" (1)	2	F-01-30-16		No C-115

H & S PRODUCTION
Malco Copple A

" (2)	1	C-04-30-15		No C-115
Na-Dzis-Pah				
" (5)	1	G-01-30-16		No C-115
" (5)	2	B-01-30-16		No C-115
Ute Mountain Tribe A				
" (1)	1	A-22-31-15		No C-115
" (1)	7	M-33-31-15		No C-115

CLIFFORD C. TERRY
Ute Mountain

" (5)	2	O-07-31-14	M	TSTM

WHITE WASH MANCOS-DAKOTA
(40 Acre Spacing)
Top Allowable 80 GOR Limit 2,000

DUGAN PRODUCTION CORP.
Blanco Wash

" (4)	1	J-02-24-09	M	2474
"	2	F-02-24-09		S.I.
"	3	L-02-24-09		S.I.
" (6)	4	A-02-24-09	M	1980
" (3)	5	L-01-24-09	M	3131
"	7	E-11-24-09		S.I.
Chaco				
" (3)	3	F-01-24-09	M	2810
Elwood P. Dowd				
" (4)	2	P-10-24-09	M	3307

WILD HORSE-DAKOTA
(40 Acre Spacing)
Top Allowable 230 GOR Limit 2,000

SOUTHERN UNION EXPLORATION CO.
Jicarilla B

" (2)	5	D-26-26-04	M	62000

UNION TEXAS PETROLEUM CORP.
Jicarilla F

"	1	L-27-26-04		S.I.

McKINLEY COUNTY
UNDESIGNATED ENTRADA 5-5999'
(40 Acre Spacing)
Top Allowable 107 GOR Limit 2,000

MERRION OIL & GAS CORP.
Arena Blanca

" (18)	1	I-36-20-05	M	TSTM

UNDESIGNATED GALLUP 0-4999
(40 Acre Spacing)
Top Allowable 80 GOR Limit 2,000

CAPITAL OIL & GAS CORP.
Thomas Drought

"	1	A-04-15-06		S.I.

MERRION OIL & GAS CORP.
Chittum Penistaja SW

"	1	P-36-20-05		SWD

Navajo Allotted 15

"	6	N-15-19-05		SWD

GILA EXPLORATION, INC.
Hogan State

"	2	B-16-18-12		S.I.

RIO ARRIBA COUNTY
UNDESIGNATED GALLUP 0-4999'
(40 Acre Spacing)
Top Allowable 80 GOR Limit 2,000

GREAT WESTERN RESOURCES INC.
Martin Whittaker

"	57	C-05-23-05	*	S.I.
"	58	E-09-23-05	*	S.I.

SPUR OIL, INC.
El Poso Ranch

"	1	J-14-28-1E		S.I.
"	2	N-14-28-1E		S.I.
"	3	N-11-28-1E		S.I.

UNDESIGNATED GALLUP 6-6999'
(40 Acre Spacing)
Top Allowable 142 GOR Limit 2,000

AMOCO PRODUCTION CO.
Amoco Federal Oso Canyon

"	1	E-24-24-02		S.I.

UNDESIGNATED GREENHORN 0-4999'
(40 Acre Spacing)
Top Allowable 80 GOR Limit 2,000

BENSON-MONTIN-GREER DRILLING CORP.
E. Puerto Chiquito Mancos

" (6)	38	H-08-26-1E	M	1050
"	39	E-21-27-1E		S.I.

MERRION OIL & GAS CORP.
Canada Mesa

"	3	A-14-24-06	*	S.I.

UNDESIGNATED DAKOTA 6-6999'
(40 Acre Spacing)
Top Allowable 107 GOR Limit 2,000

GREAT WESTERN RESOURCES INC.
Martin Whittaker

"	57	C-05-23-05	*	S.I.
"	58	E-09-23-05	*	S.I.

T.H. McELVAIN OIL & GAS PROPERTIES
Miller B

" (2)	6	G-12-24-07	*M	2667

UNDESIGNATED GRANEROS 6-6999'
(40 Acre Spacing)
Top Allowable 142 GOR Limit 2,000

BCO, INC.
Dunn

" (2)	9	B-03-23-07	*M	3500
" (2)	10	A-03-23-07	*M	3500
(3)	11	H-03-23-07	*M	4000
" (2)	12	O-03-23-07	*M	3500

State H

" (2)	3	M-02-23-07	*M	2000
" (3)	4	D-02-23-07	*M	3000
" (4)	5	B-02-23-07	*M	3000
" (5)	6	I-02-23-07	*M	3000

State J

" (0)	1	A-16-23-07	*M	

UNDESIGNATED MANCOS 6-6999
(40 Acre Spacing)
Top Allowable 142 GOR Limit 2,000

AMOCO PRODUCTION CO.
Badland Flats Federal

/ (195)	1	E-03-23-01		N 142

NASSAU RESOURCES, INC.
Laguna Colorado 2

" (27)	6	F-02-23-01	M	

UNDESIGNATED MENEFEE 0-4999'
(40 Acre Spacing)
Top Allowable 80 GOR Limit 2,000

MALLON OIL CO.

Jicarilla 435 G

	1	F-09-22-04	M	

UNDESIGNATED MESAVERDE 0-4999'
(40 Acre Spacing)
Top Allowable 80 GOR Limit 2,000

MERRION OIL & GAS CORP.
Federal Media

"	8	A-22-19-03		T.A.

UNDESIGNATED PICTURED CLIFFS 0-4999'
(40 Acre Spacing)
Top Allowable 80 GOR Limit 2,000

RIFE OIL PROPERTIES
Johnston Shear

" (3)	1	H-03-26-03	M	TSTM

SANDOVAL COUNTY
UNDESIGNATED DAKOTA 5-5999'
(40 Acre Spacing)
Top Allowable 107 GOR Limit 2,000

MERRION OIL & GAS CORP.
Jicarilla Contract 428

"	2	A-31-23-04	*	S.I.

UNDESIGNATED GALLUP 0-4999'
(40 Acre Spacing)
Top Allowable 80 GOR Limit 2,000

ROBERT L. BAYLESS
Ojo Socorro 21-7-10

"	34	O-10-21-07		S.I.

HIXON DEVELOPMENT CO.
Hugh K. Foster

" (7)	1	C-28-20-02	M	960

MERRION OIL & GAS CORP.
Jicarilla 429

" (45)	4	I-24-23-05	M	1222

Navajo

" (3)	1	N-33-22-06	M	50000

UNDESIGNATED GALLUP 5-5999'
(40 Acre Sapcing)
Top Allowable 107 GOR Limit 2,000

ROBERT L. BAYLESS
Glin Tomas

" (5)	1	N-22-22-06	M	TSTM

LOBO PRODUCTION
Gulf State 36

"	1	A-36-23-06		S.I.

MERRION OIL & GAS CORP.
Jicarilla 428

"	2	A-31-23-04	*	S.I.

UNDESIGNATED MESAVERDE 5-5999'
(40 Acre Spacing)
Top Allowable 107 GOR Limit 2,000

MERRION OIL & GAS CORP.
Jicarilla Contract 428

"	2	A-31-23-04	*	S.I.

SAN JUAN COUNTY
UNDESIGNATED DAKOTA 5-5999'
(40 Acre Spacing)
Top Allowable 107 GOR Limit 2,000

COLEMAN OIL & GAS INC.
Navajo Smith

"	1	G-24-26-12	*	Gas Well

UNDESIGNATED DAKOTA 6-6999
(40 Acre Spacing)
Top Allowable 142 GOR Limit 2,000

HONDO OIL & GAS CO.
Crow Mesa

" (101)	1	D-23-25-08	M	TSTM

UNDESIGNATED FARMINGTON 0-4999'
(40 Acre Spacing)
Top Allowable 80 GOR Limit 2,000

DUGAN PRODUCTION CORP.
Redfern

" (4)	3	A-16-28-11	M	TSTM
"	8	O-09-28-11		S.I.

GENERAL MINERALS CORP.
Delo

"	11	P-26-29-11		Gas Well

ORVILLE SLAUGHTER, JR.
Sangre de Cristo

"	3,4	G-29-29-10		S.I.

UNDESIGNATED GALLUP 0-4999'
(40 Acre Spacing)
Top Allowable 80 GOR Limit 2,000

DUGAN PRODUCTION CORP.
Harry Monster

" (2)	1	M-12-24-11	M	2922

Nageezi

" (4)	1	N-33-24-09	M	1308

Windfall

(1)	10	F-31-26-11	*M	TSTM

JEROME P. MCHUGH
Kelly

" (4)	1	P-25-30-15	M	2323

YATES DRILLING CO.
Axem Federal

" (13)	1	M-18-23-08	M	TSTM

Benjunje Federal

" (25)	1	H-24-23-09	M	660

Gillespie Federal

" (9)	1	J-29-23-08	M	TSTM

Nageezi Federal

" (9)	1	F-19-23-08	M	TSTM

YATES PETROLEUM CORP.
Kenbeto AG Federal

"	1	B-08-23-10		S.I.

UNDESIGNATED GALLUP 5-5999'
(40 Acre Spacing)
Top Allowable 107 GOR Limit 2,000

COLUMBUS ENERGY CORP.
Con Hale

"	2E	M-15-26-08		Gas Well

DUGAN PRODUCTION CORP.
Bright Angel

" (6)	1	L-27-24-08	M	3629

Faith

" (6)	5	E-19-27-13	M	2165

Lee's Ferry

" (8)	1	L-19-24-08	M	3587

Rex

" (1)	2	D-18-27-13	M	595

NESSCO, INC.
Rudman Federal

" (10)	1	E-27-25-09	M	TSTM

GRAHAM ROYALTY L.T.D
Dome Federal 24

" (7)	21	C-24-23-08	M	2143

Federal 27

" (5)	43	I-27-24-09	M	TSTM

UNION TEXAS PETROLEUM CORP.
Navajo Indian B

"	7	D-19-27-08		Gas Well

Newsom B

" (2)	7E	K-08-26-08	M	34500

Nickson

" (5)	22	H-14-26-08	M	9200

UNDESIGNATED GALLUP 6-6999'
(40 Acre Spacing)
Top Allowable 107 GOR Limit 2,000

UNION TEXAS PETROLEUM CORP.
Newsom A

" (3)	6	J-15-26-08	M	38000
" (1)	20	J-04-26-08	M	57000

State 16

"	4	O-16-28-09		Gas Well

UNDESIGNATED GREENHORN 5-5999'
40 Acre Spacing
Top Allowable 107 GOR Limit 2,000

COLEMAN OIL & GAS INC.
Navajo Smith

	1	G-24-26-12		Gas Well

UNDESIGNATED GREENHORN 6-6999'
(40 Acre Spacing)
Top Allowable 142 GOR Limit 2,000

COLUMBUS ENERGY CORP.
Navajo

" (4)	2E	C-11-25-10	*M	65495

GAS-OIL RATIO TEST SCHEDULE FOR 1989

POOL	TEST PERIOD	DEADLINE FILING DATE
Alamito-Gallup	May	June 10
Angels Peak-Gallup, Assoc.	April & May #	June 10
Angels Peak-Gallup, Assoc.	Oct. & Nov. #	Dec. 10
Armenta-Gallup	June	July 10
Beautiful Mountain-Miss.	May	June 10
Big Gap-Pennsylvanian	May	June 10
Bisti Gallup, South	June	July 10
Bisti Lower Gallup	June	July 10
Blanco Tocito, South	April	May 10
Blanco Tocito, South	Oct.	Nov. 10
Blue Mesa Mesaverde	Oct.	Nov. 10
Cha Cha-Gallup	June	July 10
Counselors Gallup-Dakota	June	July 10
Cuervo-Gallup	June	July 10
Devils Fork-Gallup, Assoc.	April & May #	June 10
Devils Fork-Gallup, Assoc.	Oct. & Nov. #	Dec. 10
Dufers Point Gallup-Dakota	June	July 10
Eagle Mesa-Entrada*	May	June 10
Escrito-Gallup, Assoc.	April & May #	June 10
Escrito-Gallup, Assoc.	Oct. & May #	Dec. 1
Franciscan Lake-Mesaverde	May	June 10
Gallegos-Gallup, Assoc.	April & May #	June 10
Gallegos-Gallup, Assoc.	Oct. & Nov. #	Dec. 10
Gallo Dakota	June	July 10
Gavilan Mancos	April & May	June 10
Gavilan-Greenhorn-Graneros Dakota	April & May	June 10
Hospah Dakota	May & June	July 10
Hospah Lower Sand, South	May & June	July 10
Hospah Upper Sand	May & June	July 10
Hospah Upper Sand, South	May & June	July 10
Knickerbocker Buttes-Gallup	May	July 10
LaPlata-Gallup	June	July 10
Leggs-Entrada*	June	July 10
Lindrith Gallup-Dakota, South	May	June 10
Lindrith Gallup-Dakota, West	April & May	June 10
Lybrook-Gallup	May & June	July 10
Marcelina-Dakota	May	June 10
Meadows Gallup	June	July 10
Media-Entrada*	May	June 10
Media-Entrada, Southwest*	May	June 10
Media-Gallup	May	June 10
Nageezi-Gallup	May	June 10
Nose Rock Hospah	May	June 10
Ojito-Gallup-Dakota	May	June 10
Ojito-Gallup-Dakota, Northeast	May	June 10
Ojo Encino-Entrada*	May	June 10
Otero-Gallup	June	July 10
Otero-Sanastee	June	July 10
Papers Wash-Entrada*	May	June 10
Parlay-Mesaverde	June	July 10
Pinon-Gallup	June	July 10
Pot mesa Mesaverde	June	July 10
Regina-Gallup	July	Aug. 10
Rio Puerco Mancos	April	July 10
Simpson-Gallup	July	Aug. 10
Sleeper-Pictured Cliffs	June	July 10
Snake Eyes-Entrada*	June	July 10
Star-Mesaverde	May	June 10
Tapacito-Gallup, Assoc.	May #	June 10
Tapacito-Gallup, Assoc.	Nov.#	Dec. 10
Tocito Dome Penn. "D", Assoc.	May #	June 10
Tocito Dome Penn. "D", Assoc.	Nov.#	Dec. 10
Tocito Dome Penn. Assoc. No.	May #	June 10
Tocito Dome Penn. Assoc. No.	Nov.#	Dec. 10
Tom-Dovonian	June	July 10
Venada-Mesaverde	June	July 10
White Wash-Mancos-Dakota	June	July 10
Wild Horse-Dakota	July	July 10
All Undesignated Wells	May & June	Aug. 10

#Special Pool Rules Require Testing at Specific Time for Each Pool

*Oil Productivity Tests Only

(WEST TONTO-PENNSYLVANIAN GAS POOL - Cont'd.)

Failure to file new Forms C-102 with the Commission dedicating 320 acres to a well or to obtain a non-standard unit approved by the Commission within 60 days from the effective date of this order shall subject the well to cancellation of allowable.

(3) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

PAPERS WASH-ENTRADA OIL POOL
(Special Depth Bracket Allowable)
McKinley County, New Mexico

Order No. R-5419, Adopting a Special Depth Bracket Allowable for the Papers Wash-Entrada Oil Pool, McKinley County, New Mexico, May 1, 1977.

Application of Dome Petroleum Corporation for a Special Depth Bracket Allowable, McKinley County, New Mexico.

CASE NO. 5907
Order No. R-5419

ORDER OF THE COMMISSION

BY THE COMMISSION: This cause came on for hearing at 9 a.m. on April 20, 1977, at Santa Fe, New Mexico, before Examiner Richard L. Stamets.

NOW, on this 26th day of April, 1977, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:
(1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

(2) That the applicant, Dome Petroleum Corporation, seeks a special depth bracket allowable of 750 barrels per day for the Papers Wash-Entrada Oil Pool, McKinley County, New Mexico.

(3) That the wells in said Papers Wash-Entrada Oil Pool are capable of producing large volumes of oil and water.

(4) That the ultimate recovery of oil in said pool will not be adversely affected by high rates of production but will instead be improved thereby.

(5) That approval of the application should serve to prevent waste and will not violate correlative rights.

(6) That the subject application should be approved.

IT IS THEREFORE ORDERED:
(1) That effective May 1, 1977, a special depth bracket allowable of 750 barrels of oil per day is hereby established for the Papers Wash-Entrada Oil Pool, McKinley County, New Mexico.

(2) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

SNAKE EYES-ENTRADA OIL POOL
(Special Depth Bracket Allowable)
San Juan County, New Mexico

Order No. R-5421, Adopting a Special Depth Bracket Allowable for the Snake Eyes-Entrada Oil Pool, San Juan County, New Mexico, May 1, 1977.

Application of Dome Petroleum Corporation for Pool Creation and a Special Depth Bracket Allowable, San Juan County, New Mexico.

CASE NO. 5909
Order No. R-5421

ORDER OF THE COMMISSION

BY THE COMMISSION: This cause came on for hearing at 9 a.m. on April 20, 1977, at Santa Fe, New Mexico, before Examiner Richard L. Stamets.

NOW, on this 26th day of April, 1977, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:
(1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

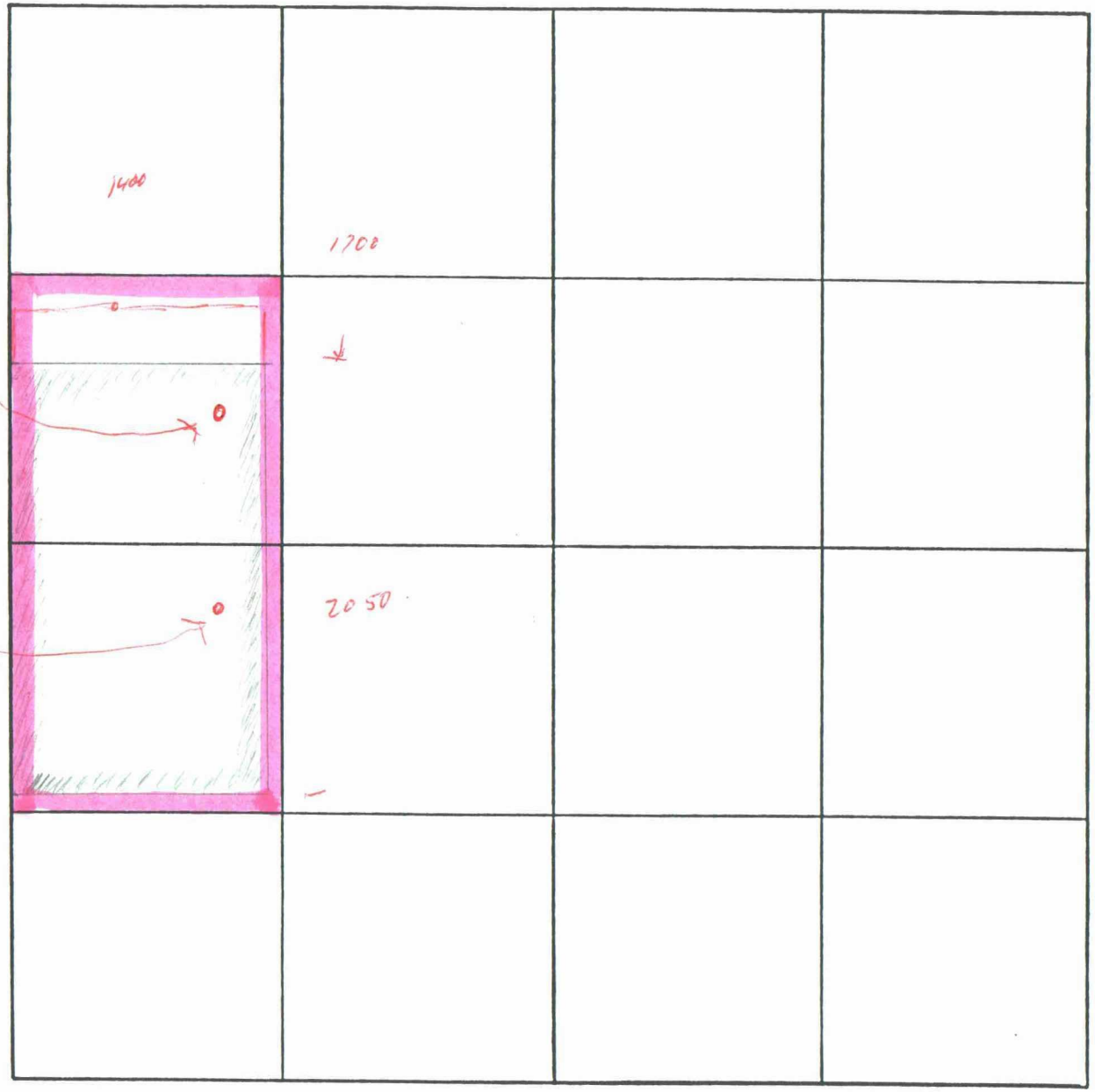
(2) That the applicant, Dome Petroleum Corporation, is the owner of the Santa Fe 20 Well No. 1, located in Unit G in Section 20, Township 21 North, Range 8 West, NMPM, San Juan County, New Mexico.

(3) That said well was completed as an oil well capable of producing from the Entrada formation on February 10, 1977, through perforations from 5604 feet to 5612 feet.

(4) That the applicant seeks the creation of a new pool for Entrada production for said well.

Merrion Oil & Gas Corp
Federal 15 Well No. 2
1980'FNL - 990'FWL
Spud: 2/18/77
Papers Wash Entrada
Completion
Commulative Production
(Last Production 11/84)
Gas - 4 MCF
Oil - 181462 Bbls.
Water - 6736745 Bbls.

Merrion Oil & Gas Corp.
Navajo Allotted 15 Well No. 5
2310'FSL - 990'FWL
Spud: 3/26/77
Papers Wash Entrada
Completion
Commulative Production
(Last Production 9/86)
Gas - 5 MCF
Oil - 624111 Bbls.
Water - 9532598 Bbls.

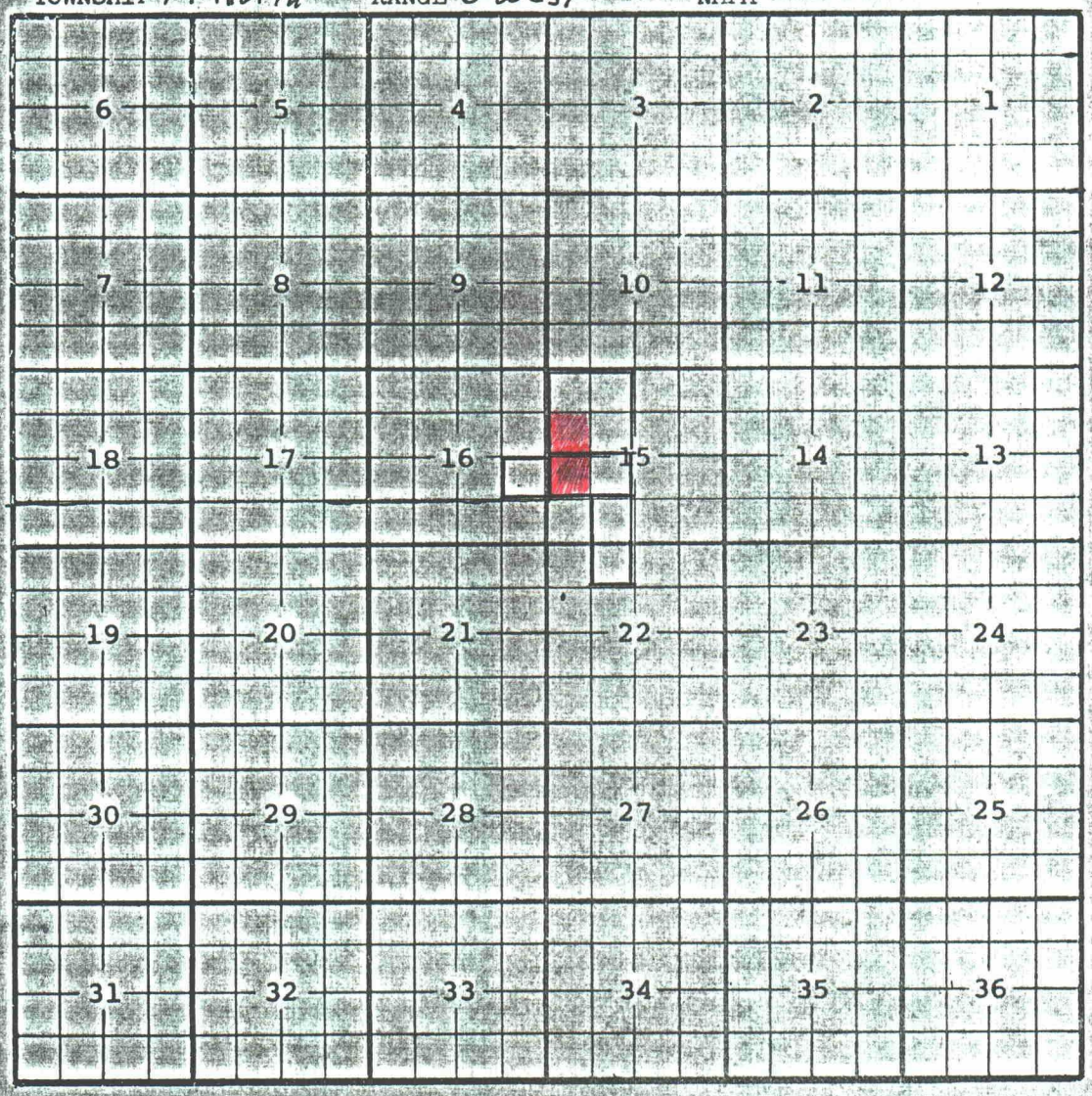


Alternate
Standard Surface
Location 550'FWL
& 1400'FNL

SECTION 15 TOWNSHIP 19 North RANGE 5 West

COUNTY McKinley POOL Papers Wash - Entrada Oil

TOWNSHIP 19 North RANGE 5 West NMPM



Description: NW/4 Sec 15 (R-5401, 3-15-77)
Ext: N/2 SW/4 Sec 15 (R-5470, 7-1-77) Ext: SE/4 SW/4 Sec 15, -
- NE/4 SE/4 Sec 16, NE/4 NW/4 Sec 22 (R-5779, 8-1-78)

JAN 0 6 1988

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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Form C-104
Revised 10-01-78
Format 06-01-83
Page 1

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I.

Operator: Merrion Oil & Gas Corp.

Address: P. O. Box 840, Farmington, New Mexico 87499

Reason(s) for filing (Check proper box)

- [ ] New Well
- [ ] Recompletion
- [ ] Change in Ownership

Change in Transporter of:

- [ ] Oil
- [ ] Dry Gas
- [ ] Casinghead Gas
- [ ] Condensate

Other (Please explain): Change of Operator

If change of ownership give name and address of previous owner: Texaco Oil, Inc., Box EE, Cortez, Colorado 81321

II. DESCRIPTION OF WELL AND LEASE

Lease Name	Well No.	Pool Name, Including Formation	Kind of Lease (State, Federal or Fee)	Lease No.
Federal 15	2	~~[illegible]~~ Papers Wash Entrada	Federal	NM 4953

Location

Unit Letter E ; 1980 Feet From The North Line and 990 Feet From The West

Line of Section 15 Township 19N Range 05W , NMPM, McKinley County

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil [ ] or Condensate [ ] — Address (Give address to which approved copy of this form is to be sent)

Name of Authorized Transporter of Casinghead Gas [ ] or Dry Gas [ ] — Address (Give address to which approved copy of this form is to be sent)

If well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp.	Rge.	Is gas actually connected?	When

If this production is commingled with that from any other lease or pool, give commingling order number:

NOTE: *Complete Parts IV and V on reverse side if necessary.*

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given is true and complete to the best of my knowledge and belief.

T. Greg Merrion (Signature)

T. Greg Merrion
Production Engineer (Title)

12/28/87 (Date)

OIL CONSERVATION DIVISION

APPROVED JAN 0 6 1988, 19

BY Frank T. Chavez

TITLE SUPERVISOR DISTRICT # 3

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowable on new and recompleted wells.

Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.

Separate Forms C-104 must be filed for each pool in multiply comoleted wells.

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OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-104
Revised 10-01-78
Format 06-01-83
Page 1

REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

JAN 12 1988

I.

Operator: Merrion Oil & Gas Corp.

Address: P. O. Box 840, Farmington, New Mexico 87499

Reason(s) for filing (Check proper box)

- [ ] New Well
- [ ] Recompletion
- [ ] Change in Ownership

Change in Transporter of:

- [X] Oil
- [ ] Dry Gas
- [ ] Casinghead Gas
- [ ] Condensate

Other (Please explain)

If change of ownership give name and address of previous owner: Texaco, Inc.

II. DESCRIPTION OF WELL AND LEASE

Lease Name	Well No.	Pool Name, Including Formation	Kind of Lease	Lease No.
Federal 15	2	Papers Wash Entrada	State, Federal or Fee Federal	NM 4953

Location

Unit Letter E ; 1980 Feet From The North Line and 990 Feet From The West

Line of Section 15 Township 19N Range 05W , NMPM, McKinley County

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil [X] or Condensate [ ]: Giant Refining Company

Address (Give address to which approved copy of this form is to be sent): 7226 N. 16th Street, Phoenix, AZ 85021

Name of Authorized Transporter of Casinghead Gas [ ] or Dry Gas [ ]:

Address (Give address to which approved copy of this form is to be sent):

If well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp.	Rge.	Is gas actually connected?	When
	E	15	19N	05W		

If this production is commingled with that from any other lease or pool, give commingling order number:

NOTE: *Complete Parts IV and V on reverse side if necessary.*

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given is true and complete to the best of my knowledge and belief.

(Signature)

Operations Manager
(Title)

1/11/88
(Date)

OIL CONSERVATION DIVISION

APPROVED JAN 12 1988

BY

TITLE SUPERVISOR DISTRICT # 3

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.

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Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.

Separate Forms C-104 must be filed for each pool in multiply completed wells.

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NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104
Supersedes Old C-104 and C-110
Effective 1-1-65

RECEIVED
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OIL CON. DIV.
DIST. 3

I. Operator: TEXACO Inc.,

Address: P. O. Box 2100, Denver, Colorado 80201

Reason(s) for filing (Check proper box)

New Well ☐ Recompletion ☐ Change in OPERATOR ☒

Change in Transporter of: Oil ☐ Casinghead Gas ☐ Dry Gas ☐ Condensate ☐

Other (Please explain): [redacted]

If change of ownership give name and address of previous owner: Dome Petroleum Corp., 1625 Broadway, Denver, Colorado

II. DESCRIPTION OF WELL AND LEASE

Lease Name	Well No.	Pool Name, Including Formation	Kind of Lease	Lease No.
FEDERAL 15	2	PEPERS WASH ENTRADA	State, Federal or Fee FEDERAL	NM4953

Location

Unit Letter E : 1980 Feet From The north Line and 990 Feet From The WEST

Line of Section 15 Township 19N Range 5W , NMPM, Mc Kinley County

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☐ or Condensate ☐	Address (Give address to which approved copy of this form is to be sent)
PERMIAN CORPORATION	BOX 1701, FARMINGTON, N.M. 87401
Name of Authorized Transporter of Casinghead Gas ☐ or Dry Gas ☐	Address (Give address to which approved copy of this form is to be sent)

If well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp.	Rge.	Is gas actually connected?	When
	F	15	19N	5W	NO	

If this production is commingled with that from any other lease or pool, give commingling order number:

V. COMPLETION DATA

Designate Type of Completion – (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.

Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation	Top Oil/Gas Pay	Tubing Depth
Perforations			Depth Casing Shoe

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT

V. TEST DATA AND REQUEST FOR ALLOWABLE

(Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

OIL WELL

Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil-Bbls.	Water-Bbls.	Gas-MCF

RECEIVED
MAY 07 1984
OIL CON. DIV.
DIST. 3

GAS WELL

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pitot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

TEXACO Inc. as Operator for Texaco Oils Inc.

Robert R. Mart
(Signature)

Field Supt.
(Title)

3-9-84

OIL CONSERVATION COMMISSION

APPROVED MAY 07 1984, 19

BY [signature]

TITLE SUPERVISOR DISTRICT # 3

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowable on new and recompleted wells.

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NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104
Supersedes Old C-104 and C-110
Effective 1-1-65

13

I.

Operator: TEXACO INC.

Address: P. O. Box 2100, Denver, CO. 80201

Reason(s) for filing *(Check proper box)*

New Well [ ]
Recompletion [ ]
Change in Ownership [X]

Change in Transporter of:
Oil [ ] Dry Gas [ ]
Casinghead Gas [ ] Condensate [ ]

Other *(Please explain)*
~~This report is change of ownership from Texaco Oils Inc. to Texaco Producing Inc.~~

If change of ownership give name and address of previous owner: Texaco Oils Inc., P. O. Box 2100, Denver, CO. 80201

II. DESCRIPTION OF WELL AND LEASE

Lease Name	Well No.	Pool Name, Including Formation	Kind of Lease	Lease No.
Federal 15	2	Papers Wash Entrada	State, Federal or Fee Federal	NM4953

Location

Unit Letter E ; 1980 Feet From The North Line and 990 Feet From The West

Line of Section 15 Township 19N Range 5W , NMPM, McKinley County

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil [X] or Condensate [ ]	Address *(Give address to which approved copy of this form is to be sent)*
Giant Refinery	P.O. Box 9156, Phoenix, AZ 85068
Name of Authorized Transporter of Casinghead Gas [ ] or Dry Gas [ ]	Address *(Give address to which approved copy of this form is to be sent)*

If well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp.	Rge.	Is gas actually connected?	When
	E	15	19N	5W		

If this production is commingled with that from any other lease or pool, give commingling order number: _____

IV. COMPLETION DATA

Designate Type of Completion – (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.

Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.
Elevations *(DF, RKB, RT, GR, etc.)*	Name of Producing Formation	Top Oil/Gas Pay	Tubing Depth
Perforations			Depth Casing Shoe

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT

V. TEST DATA AND REQUEST FOR ALLOWABLE

(Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

OIL WELL

Date First New Oil Run To Tanks	Date of Test	Producing Method *(Flow, pump, gas lift, etc.)*	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil-Bbls.	Water-Bbls.	GAS-MCF

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OIL CON. DIV.
DIST. 3

GAS WELL

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method *(pitot, back pr.)*	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

TEXACO INC. As Operator for
TEXACO PRODUCING INC.

SIGNED: A. A. KLEIBR
(Signature)

AREA SUPERINTENDENT
(Title)

6/19/87
(Date)

OIL CONSERVATION COMMISSION

APPROVED JUN 26 1987, 19

BY [signature]

TITLE SUPERVISION DISTRICT # 3

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowable on new and recompleted wells.

Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter or other such change of condition.

Separate Forms C-104 must be filed for each pool in multiply completed wells.

Form 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

5. LEASE DESIGNATION AND SERIAL NO.: NM 4953

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1. OIL WELL [x] GAS WELL [ ] OTHER

7. UNIT AGREEMENT NAME:

2. NAME OF OPERATOR: TEXACO Inc.

8. FARM OR LEASE NAME: Federal 15

3. ADDRESS OF OPERATOR: P. O. Box EE, Cortez, CO 81321 (303) 565-8401

9. WELL NO.: 2

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface: 1980' FNL, 990' FWL Sec. 15, T19N, R5W

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FARMINGTON RESOURCE AREA

10. FIELD AND POOL, OR WILDCAT: Papers Wash

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 15, T19N, R5W

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

12. COUNTY OR PARISH: McKinley

13. STATE: New Mexico

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[X]	(Other)			
(Other)				(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Referencing the attached BLM letter of May 18, 1987, Texaco has not performed the Menefee recompletion proposed on the April 8, 1986 Sundry Notice. Texaco Inc. could not obtain proper co-owner approval to perform the workover. The Federal 15-2 is still uneconomical to produce and has remained shut in due to economics. Texaco is currently in the process of initiating a sale of the well and requests BLM approval to leave the subject well shut in. Should the potential sale fail to materialize, a Sundry Notice will be filed with Texaco's future plans for the Federal 15-2.

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OIL CON. DIV
DIST. 3

18. I hereby certify that the foregoing is true and correct

SIGNED Alan A. Kleier TITLE Area Superintendent DATE May 27, 1987

Alan A. Kleier

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD
MAY 29 1987
FARMINGTON RESOURCE AREA
BY _____

*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

BLM(5) JNH-LAA-FILE

IN REPLY REFER TO
NM-4953 (WC)
3162.3-2 (016)

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Caller Service 4104
Farmington, New Mexico 87499

MAY 18 1987

CERTIFIED—RETURN RECEIPT REQUESTED
P-488-625-963

Texaco, Inc.
P.O. Box EE
Cortez, CO 81321

Gentlemen:

Reference is made to your well No. 2 Federal 15, SW/4NW/4 sec. 15, T. 19 N., R. 5 W., McKinley County, New Mexico, lease NM-4953 and your Sundry Notice dated April 8, 1986, requesting approval to plugback and test the Menefee formation. If the workover has been completed, you are required to submit a subsequent report. If the workover has not been completed, you are required to submit your plans of when the work is to be performed.

Failure to submit the above within 30 days of receipt of this letter may result in an assessment for noncompliance pursuant to 43 CFR 3163.1.

You are further advised that any instructions, orders or decisions issued by the Bureau of Land Management are subject to an administrative review pursuant to 43 CFR 3165.3(b) and appeal pursuant to 43 CFR 3165.4 and 43 CFR 4.700.

If you have any questions, contact Stephen Mason with this office at (505) 325-4572.

Sincerely,

FOR Ron Fellows
Area Manager

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JUN - 1 1987
OIL CON. DIV.

FOUR CORNERS AREA
MAY 19 1987

AAK		TAH	
MJV		HNS	
EJG		FLJ	
MLK		RLW	
TJS			
BPH		DELO	
FLH		HANDLE	
AH		FILE	
NER		RETURN TO	
		WISE BOX	

Form 9-331
Dec. 1973

Form Approved.
Budget Bureau No. 42-R1424

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well [X] gas well [ ] other

2. NAME OF OPERATOR
TEXACO INC.

3. ADDRESS OF OPERATOR
P. O. BOX EE CORTEZ, CO. 81321

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1980' FNL, 990 FWL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

5. LEASE
NM 4953

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Federal 15

9. WELL NO.
#2

10. FIELD OR WILDCAT NAME
Papers Wash

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec 15, T19N, R5W

12. COUNTY OR PARISH
McKinley

13. STATE
N. M.

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
6617' KB

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	[ ]	[ ]
FRACTURE TREAT	[X]	[ ]
SHOOT OR ACIDIZE	[ ]	[ ]
REPAIR WELL	[ ]	[ ]
PULL OR ALTER CASING	[ ]	[ ]
MULTIPLE COMPLETE	[ ]	[ ]
CHANGE ZONES	[X]	[ ]
ABANDON*	[ ]	[ ]
(other)		

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APR 10 1986
BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Texaco Inc. proposes to recomplete from the Entrada to the Menefee formation by the following procedure.

1. MIRUSU.
2. Set CIBP @ 5150. Drop 5 sxs cement. Pressure test to 1000 psi.
3. Set RBP @ 2200. Drop 2 sxs sand. Perforate squeeze holes @ 1650', 1554', 1430' & 1370'. Block squeeze w/ a total of 1200 sxs cement.
4. WOC. DOC.
5. Pressure test squeeze holes to 1000 psi.
6. Perforate 1393-1400 & 1579-1585 w/ 1 jspf.
7. Acidize w/1200 gallons 15% NE-HCl.
8. Fracture treat w/65,000 gallons gelled water & 60,000 lbs sand.
9. Flow back load. Place on pump. ROMOSU

FOUR CORNERS AREA
APR 21 1986

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Alan R. Mark TITLE Area Supt. DATE 4/8/86

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

RECEIVED
JUN -1 1987
OIL CON. DIV.

APPROVED AS AMENDED
APR 15 1986
For AREA MANAGER

BLM(4) NMOGC(2) JNH - LAA - ARM - EAE

"Approval of this action does not warrant that the applicant holds legal or equitable rights or title to this lease."

*See Instructions on Reverse Side

OPERATOR

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TRANSPORTER	OIL	
	GAS	
OPERATOR		
PRORATION OFFICE		

NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

MAY 1 5 1987
DIVISION
SANTA FE

Form C-104
Supersedes Old C-104 and C-110
Effective 1-1-65

I.

Operator: TEXACO INC.

Address: P. O. Box EE, Cortez, CO. 81321

Reason(s) for filing *(Check proper box)*

New Well [ ]
Recompletion [ ]
Change in Ownership [ ]

Change in Transporter of:
Oil [X]
Dry Gas [ ]
Casinghead Gas [ ]
Condensate [ ]

Other *(Please explain)*: Previous transporter was Gary Energy Corp., now it is Giant Industries Inc.

If change of ownership give name and address of previous owner _____

II. DESCRIPTION OF WELL AND LEASE

Lease Name	Well No.	Pool Name, Including Formation	Kind of Lease	Lease No.
Federal 15	2	Papers Wash Entrada	State, Federal or Fee: Federal	NM4953

Location

Unit Letter E ; 1980 Feet From The N Line and 990 Feet From The W

Line of Section 15 Township 19N Range 5W , NMPM, McKinley County

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil [X] or Condensate [ ]	Address *(Give address to which approved copy of this form is to be sent)*
Giant ~~Industries Inc.~~ Refinery	P. O. Box 9156, Phoenix, AZ. 85068
Name of Authorized Transporter of Casinghead Gas [ ] or Dry Gas [ ]	Address *(Give address to which approved copy of this form is to be sent)*

If well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp.	Rge.	Is gas actually connected?	When
	F	15	19N	5W		

If this production is commingled with that from any other lease or pool, give commingling order number: _____

IV. COMPLETION DATA

Designate Type of Completion – (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.

Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.
Elevations *(DF, RKB, RT, GR, etc.)*	Name of Producing Formation	Top Oil/Gas Pay	Tubing Depth
Perforations			Depth Casing Shoe

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT

V. TEST DATA AND REQUEST FOR ALLOWABLE

(Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

OIL WELL

Date First New Oil Run To Tanks	Date of Test	Producing Method *(Flow, pump, gas lift, etc.)*	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil-Bbls.	Water-Bbls.	Gas-MCF

RECEIVED
APR 30 1987
OIL CON. DIV.
DIST. 3

GAS WELL

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method *(pitot, back pr.)*	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

SIGNED: A. A. KLEIER
(Signature)

AREA SUPERINTENDENT
(Title)

APR 27 1987
(Date)

OIL CONSERVATION COMMISSION

APPROVED APR 30 1987

BY _____

TITLE SUPERVISOR DISTRICT # 3

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowable on new and recompleted wells.

Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.

Separate Forms C-104 must be filed for each pool in multiply completed wells.

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LAND OFFICE		
TRANSPORTER	OIL	
	GAS	
OPERATOR		
PRORATION OFFICE		

NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104
Supersedes Old C-104 and C-110
Effective 1-1-65

I.

Operator: TEXACO INC.

Address: P.O. Box EE, Cortez, CO. 81321

Reason(s) for filing *(Check proper box)*
- New Well [ ]
- Recompletion [ ]
- Change in Ownership [ ]

Change in Transporter of:
- Oil [X]
- Dry Gas [ ]
- Casinghead Gas [ ]
- Condensate [ ]

Other *(Please explain)*: Previous transporter was Permian, now it is Gary Energy Corp.

If change of ownership give name and address of previous owner _____

I. DESCRIPTION OF WELL AND LEASE

Lease Name	Well No.	Pool Name, Including Formation	Kind of Lease	Lease No.
Federal 15	2	Papers Wash Entrada	State, Federal or Fee Federal	NM4953

Location: Unit Letter E ; 1980' Feet From The North Line and 990' Feet From The West

Line of Section 15 Township 19N Range 5W , NMPM, McKinley County

I. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil [X] or Condensate [ ]: Gary Energy Corp.

Address *(Give address to which approved copy of this form is to be sent)*: 115 Inverness Dr., Englewood, CO. 80112

Name of Authorized Transporter of Casinghead Gas [ ] or Dry Gas [ ]:

Address *(Give address to which approved copy of this form is to be sent)*:

If well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp.	Rge.	Is gas actually connected?	When
	F	15	19N	5W		

If this production is commingled with that from any other lease or pool, give commingling order number: _____

I. COMPLETION DATA

Designate Type of Completion – (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.

Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.
Elevations *(DF, RKB, RT, GR, etc.)*	Name of Producing Formation	Top Oil/Gas Pay	Tubing Depth
Perforations			Depth Casing Shoe

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT

I. TEST DATA AND REQUEST FOR ALLOWABLE

(Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

OIL WELL

Date First New Oil Run To Tanks	Date of Test	Producing Method *(Flow, pump, gas lift, etc.)*	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil-Bbls.	Water-Bbls.	Gas-MCF

GAS WELL

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method *(pitot, back pr.)*	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

I. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

SIGNED A. R. MARX
(Signature)

AREA SUPERINTENDENT
(Title)

10/10/86
(Date)

OIL CONSERVATION COMMISSION

APPROVED OCT 20 1986

BY _____
SUPERVISOR DISTRICT # 3

TITLE _____

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowable on new and recompleted wells.

Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.

Form 9-331
Dec. 1973

Form Approved.
Budget Bureau No. 42-R1424

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well [X] gas well [ ] other

2. NAME OF OPERATOR
TEXACO INC.

3. ADDRESS OF OPERATOR
P. O. BOX EE CORTEZ, CO. 81321

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1980' FNL, 990 FWL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

5. LEASE
NM 4953

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Federal 15

9. WELL NO.
#2

10. FIELD OR WILDCAT NAME
Papers Wash

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec 15, T19N, R5W

12. COUNTY OR PARISH
McKinley

13. STATE
N. M.

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
6617' KB

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	[ ]		[ ]
FRACTURE TREAT	[X]		[ ]
SHOOT OR ACIDIZE	[ ]		[ ]
REPAIR WELL	[ ]		[ ]
PULL OR ALTER CASING	[ ]		[ ]
MULTIPLE COMPLETE	[ ]		[ ]
CHANGE ZONES	[X]		[ ]
ABANDON*	[ ]		[ ]
(other)			

RECEIVED
APR 10 1986
BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Texaco Inc. proposes to recomplete from the Entrada to the Menefee formation by the following procedure.

1. MIRUSU.
2. Set CIBP @ 5150. Drop 5 sxs cement. Pressure test to 1500 psi.
3. Set RBP @ 2200. Drop 2 sxs sand. Perforate squeeze holes @ 1650', 1554', 1430' & 1370'. Block squeeze w/ a total of 1200 sxs cement.
4. WOC. DOC.
5. Pressure test squeeze holes to 1000 psi.
6. Perforate 1393-1400 & 1579-1585 w/ 1 jspf.
7. Acidize w/1200 gallons 15% NE-HCl.
8. Fracture treat w/65,000 gallons gelled water & 60,000 lbs sand.
9. Flow back load. Place on pump. ROMOSU

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED [signature] TITLE Area Supt. DATE 4/8/86

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

APPROVED AS AMENDED
APR 15 1986
[signature]
for AREA MANAGER

RECEIVED
APR 16 1986
OIL CON. DIV.
DIST. 3

BLM(4) NMOGC(2) JNH - LAA - ARM - LAE

"Approval of this action does not warrant or certify that the applicant holds legal or equitable rights to conduct operations thereon."

*See Instructions on Reverse Side

NMOCC

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: *"Sacks Cement":* Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.

38. GEOLOGIC MARKERS

NAME	TOP MEAS. DEPTH	TOP TRUE VERT. DEPTH
La Ventana	522'	
Pt. Lookout	2025'	
Mancos Shale	2115'	
Gallup	2945'	
Sanostee	3608'	
Greenhorn	3920'	
Graneros	4010'	
Dakota	4142'	
Morrison	4260'	
Summerville	5115'	
Todilto	5151'	
Entrada	5182'	
Carmel	5407'	

U.S. GOVERNMENT PRINTING OFFICE: 1963—O-683636
837-497

Form 9-330
(Rev. 5-63)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*
(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] DRY [ ] Other

b. TYPE OF COMPLETION: NEW WELL [X] WORK OVER [ ] DEEP-EN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] Other

2. NAME OF OPERATOR: Dome Petroleum Corporation

3. ADDRESS OF OPERATOR: % Minerals Management Inc., Suite 105, 501 Airport Drive, Farmington, New Mexico 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface: 990' FWL, ~~1780'~~ FNL, SEC. 15, T19N, R5W
At top prod. interval reported below: 1980'
At total depth:

5. LEASE DESIGNATION AND SERIAL NO.: NM 4953
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT AGREEMENT NAME:
8. FARM OR LEASE NAME: Federal 15
9. WELL NO.: 2
10. FIELD AND POOL, OR WILDCAT: Undesignated Entrada
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: SEC. 15, T19N, R5W
12. COUNTY OR PARISH: McKinley
13. STATE: N.M.
14. PERMIT NO.: DATE ISSUED:

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to prod.)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
2-18-77	2-26-77		6604' GR, 6617' KB	6604'

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
5428'	5370'		→	0-5428'	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: 5183'-5380' Entrada

25. WAS DIRECTIONAL SURVEY MADE: no

26. TYPE ELECTRIC AND OTHER LOGS RUN: Dual Induction-Laterolog, CNL-Density

27. WAS WELL CORED: no

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
10 3/4"	32.75	203'	15"	200 sx	
7"	23	5426'	8 3/4"	328 sx & 355 sx	
				2 stage w/DV @ 2785'	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8	3030'	

31. PERFORATION RECORD (Interval, size and number): 5184'-5192' w/2 SPF

CONFIDENTIAL

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
3-15-77	Flowing	

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
3-16-77	24	Open	→	276	TSTM	0	---

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
45	45	→	276	TSTM	0	32.4

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.): No gas

TEST WITNESSED BY: W. E. Landry

35. LIST OF ATTACHMENTS: None

APR 6 1977
OIL CON. COM.
DIST. 3

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED: E. Landry TITLE: Area Manager Minerals Management Inc DATE: 3-31-77

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: *"Sacks Cement":* Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.

38. GEOLOGIC MARKERS

NAME	TOP MEAS. DEPTH	TOP TRUE VERT. DEPTH
La Ventana	522'	
Pt. Lookout	2025'	
Mancos Shale	2115'	
Gallup	2945'	
Sanostee	3608'	
Greenhorn	3920'	
Graneros	4010'	
Dakota	4142'	
Morrison	4260'	
Summerville	5115'	
Todilto	5151'	
Entrada	5182'	
Carmel	5407'	

U.S. GOVERNMENT PRINTING OFFICE: 1963—O-683636
837-497

Form 9-330
(Rev. 5-63)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*
(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.: NM 4953

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Federal 15

9. WELL NO.: 2

10. FIELD AND POOL, OR WILDCAT: Undesignated Entrada

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: SEC. 15, T19N, R5W

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] DRY [ ] Other

b. TYPE OF COMPLETION: NEW WELL [X] WORK OVER [ ] DEEP-EN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] Other

2. NAME OF OPERATOR: Dome Petroleum Corporation

3. ADDRESS OF OPERATOR: % Minerals Management Inc., Suite 105, 501 Airport Drive, Farmington, New Mexico 87401

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface: 990' FWL, ~~1780'~~ 1980 FNL, SEC. 15, T19N, R5W
At top prod. interval reported below:
At total depth:

14. PERMIT NO.: | DATE ISSUED:

12. COUNTY OR PARISH: McKinley | 13. STATE: N.M.

15. DATE SPUDDED: 2-18-77 | 16. DATE T.D. REACHED: 2-26-77 | 17. DATE COMPL. (*Ready to prod.*): | 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*: 6604' GR, 6617' KB | 19. ELEV. CASINGHEAD: 6604'

20. TOTAL DEPTH, MD & TVD: 5428' | 21. PLUG, BACK T.D., MD & TVD: 5370' | 22. IF MULTIPLE COMPL., HOW MANY*: | 23. INTERVALS DRILLED BY: → | ROTARY TOOLS: 0-5428' | CABLE TOOLS:

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: 5183'-5380' Entrada

25. WAS DIRECTIONAL SURVEY MADE: no

26. TYPE ELECTRIC AND OTHER LOGS RUN: Dual Induction-Laterolog, CNL-Density

27. WAS WELL CORED: no

28. CASING RECORD (*Report all strings set in well*)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
10 3/4"	32.75	203'	15"	200 sx	
7"	23	5426'	8 3/4"	328 sx & 355 sx	
				2 stage w/DV @ 2785'	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8	3030'	

31. PERFORATION RECORD (*Interval, size and number*): 5184'-5192' w/2 SPF

CONFIDENTIAL

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION

DATE FIRST PRODUCTION: 3-15-77 | PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*): Flowing | WELL STATUS (*Producing or shut-in*):

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
3-16-77	24	Open	→	276	TSTM	0	---

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
45	45	→	276	TSTM	0	32.4

34. DISPOSITION OF GAS (*Sold, used for fuel, vented, etc.*): No gas

TEST WITNESSED BY: W. E. Landry

35. LIST OF ATTACHMENTS: None

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED: E. Landry TITLE: Area Manager Minerals Management Inc DATE: 3-31-77

*(See Instructions and Spaces for Additional Data on Reverse Side)

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

5. LEASE DESIGNATION AND SERIAL NO.: NM 4953

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1. OIL WELL [X] GAS WELL [ ] OTHER

7. UNIT AGREEMENT NAME:

2. NAME OF OPERATOR: Dome Petroleum Corporation

8. FARM OR LEASE NAME: Federal 15

3. ADDRESS OF OPERATOR: % Minerals Management Inc., Suite 105, 501 Airport Drive, Farmington, New Mexico 87401

9. WELL NO.: 2

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1980' FNL, 990' FWL, SEC. 15, T19N, R5W

10. FIELD AND POOL, OR WILDCAT: Undesignated-Entrada

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: SEC. 15, T19N, R5W

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 6604' GR 6617' KB

12. COUNTY OR PARISH: McKinley

13. STATE: N.M.

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other) Production Casing			[X]
(Other)			[ ]	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

2-27-77

Ran 5429' 7"-23# K-55 ST&C CSG. Set at 5426'.

Cemented 1st stage w/228 sx 65-35 Poz 10# Gilsonite/sx followed w/100 sx Class "A" cement w/10% CaCl.

Cemented 2nd stage w/305 sx 65-35 Poz 10# Gilsonite/sx followed w/50 sx Class "A" cement w/10% CaCl.

CONFIDENTIAL

RECEIVED
MAR 3 1977
OIL CON. COM.
DIST. 3

18. I hereby certify that the foregoing is true and correct

SIGNED J. Amed Sell TITLE Area Manager Minerals Management Inc DATE 3-1-77

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

5. LEASE DESIGNATION AND SERIAL NO.: NM4953

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1. OIL WELL [X] GAS WELL [ ] OTHER

7. UNIT AGREEMENT NAME:

2. NAME OF OPERATOR: Dome Petroleum Corporation

8. FARM OR LEASE NAME: Federal 15

3. ADDRESS OF OPERATOR: c/o Minerals Management Inc., Suite 105, 501 Airport Drive, Farmington, New Mexico 87401

9. WELL NO.: 2

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1980'FNL, 990'FWL, SEC. 15, T19N, R5W

10. FIELD AND POOL, OR WILDCAT:

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: SEC. 15, T19N, R5W

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 6604'GR, 6617'KB

12. COUNTY OR PARISH: McKinley

13. STATE: N.M.

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other) Spud & set surface casing			[X]
(Other)			[ ]				

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

2-15-77 Spud 15" hole at 10:00 p.m.

2-16-77 Ran 4 jts (191') 10 3/4" 32.75# H-40 ST&C CSG. Set @ 203' KB. Cemented w/200 sx Class "B" w/2% CaCl. Circulate cement.

CONFIDENTIAL

RECEIVED
FEB 22 1977
U.S. GEOLOGICAL SURVEY
DURANGO, COLO.

FEB 24 1977
OIL CON. COM.
DIST. 3

18. I hereby certify that the foregoing is true and correct.

SIGNED T. Arnold Grill TITLE Area Manager Minerals Management Inc DATE February 17, 197

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

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OPERATOR		23
PRORATION OFFICE		

NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104
Supersedes Old C-104 and C-110
Effective 1-1-65

MAR 18 1977
OIL CON. COM.
DIST. 3

I.

Operator: Dome Petroelum Corporation

Address: %Minerals Management Inc., Suite 105, 501 Airport Drive, Farmington, New Mexico 87401

Reason(s) for filing (Check proper box)

New Well [X]
Recompletion [ ]
Change in Ownership [ ]

Change in Transporter of:
Oil [ ] Dry Gas [ ]
Casinghead Gas [ ] Condensate [ ]

Other (Please explain)

If change of ownership give name and address of previous owner _____

II. DESCRIPTION OF WELL AND LEASE

Lease Name	Well No.	Pool Name, Including Formation	Kind of Lease	Lease No.
Federal 15	2	Papers Wash Entrada ~~Undesignated Entrada~~	State, Federal or Fee Federal	NM4953

Location

Unit Letter E ; 1980 Feet From The North Line and 990 Feet From The West

Line of Section 15 Township 19N Range 5W , NMPM, McKinley County

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil [ ] or Condensate [ ]	Address (Give address to which approved copy of this form is to be sent)
Permian Corporation	Box 1701, Farmington, N.M. 87401
Name of Authorized Transporter of Casinghead Gas [ ] or Dry Gas [ ]	Address (Give address to which approved copy of this form is to be sent)

If well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp.	Rge.	Is gas actually connected?	When
	F	15	19N	5W	---	

If this production is commingled with that from any other lease or pool, give commingling order number: _____

IV. COMPLETION DATA

Designate Type of Completion – (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
	X							

CONFIDENTIAL

Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.
2-15-77	3-15-77	5428'	5370'
Elevations (DF, RKB, RT, GR, etc.)	**Name of Producing Formation**	**Top Oil/Gas Pay**	**Tubing Depth**
6604'GR, 6617'KB	Entrada	5184'	3030'
Perforations			**Depth Casing Shoe**
5184'-5192'			5426'

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
15"	10 3/4"-32.75#	203'	200 sx
8 3/4"	7" -23#	5426'	683 sx (2-stage)
---	2 7/8"	3030'	---

V. TEST DATA AND REQUEST FOR ALLOWABLE *(Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)*

OIL WELL

Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
3-15-77	3-16-77	Flow	
Length of Test	**Tubing Pressure**	**Casing Pressure**	**Choke Size**
24 hours	45	45	---
Actual Prod. During Test	**Oil-Bbls.**	**Water-Bbls.**	**Gas-MCF**
276	276	0	TSTM

GAS WELL

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pitot, back pr.)	**Tubing Pressure (Shut-in)**	**Casing Pressure (Shut-in)**	**Choke Size**

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

J. Arnold Snell
(Signature)
Area Manager
Minerals Management Inc.
(Title)
March 17, 1977
(Date)

OIL CONSERVATION COMMISSION

APPROVED MAR 18 1977, 19__

BY N. E. Maxwell Jr.

TITLE [illegible]

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowable on new and recompleted wells.

Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.

Separate Forms C-104 must be filed for each pool in multiply completed wells.

NEW MEXICO OIL CONSERVATION COMMISSION

WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

Operator	Lease	Well No.
Dome Petroleum Corporation	Federal 15	2

Unit Letter	Section	Township	Range	County
E	15	19N	5W	McKinley

Actual Footage Location of Well: 1980 feet from the North line and 990 feet from the West line

Ground Level Elev.	Producing Formation	Pool	Dedicated Acreage:
6604	Entrada	Undesignated	40 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.

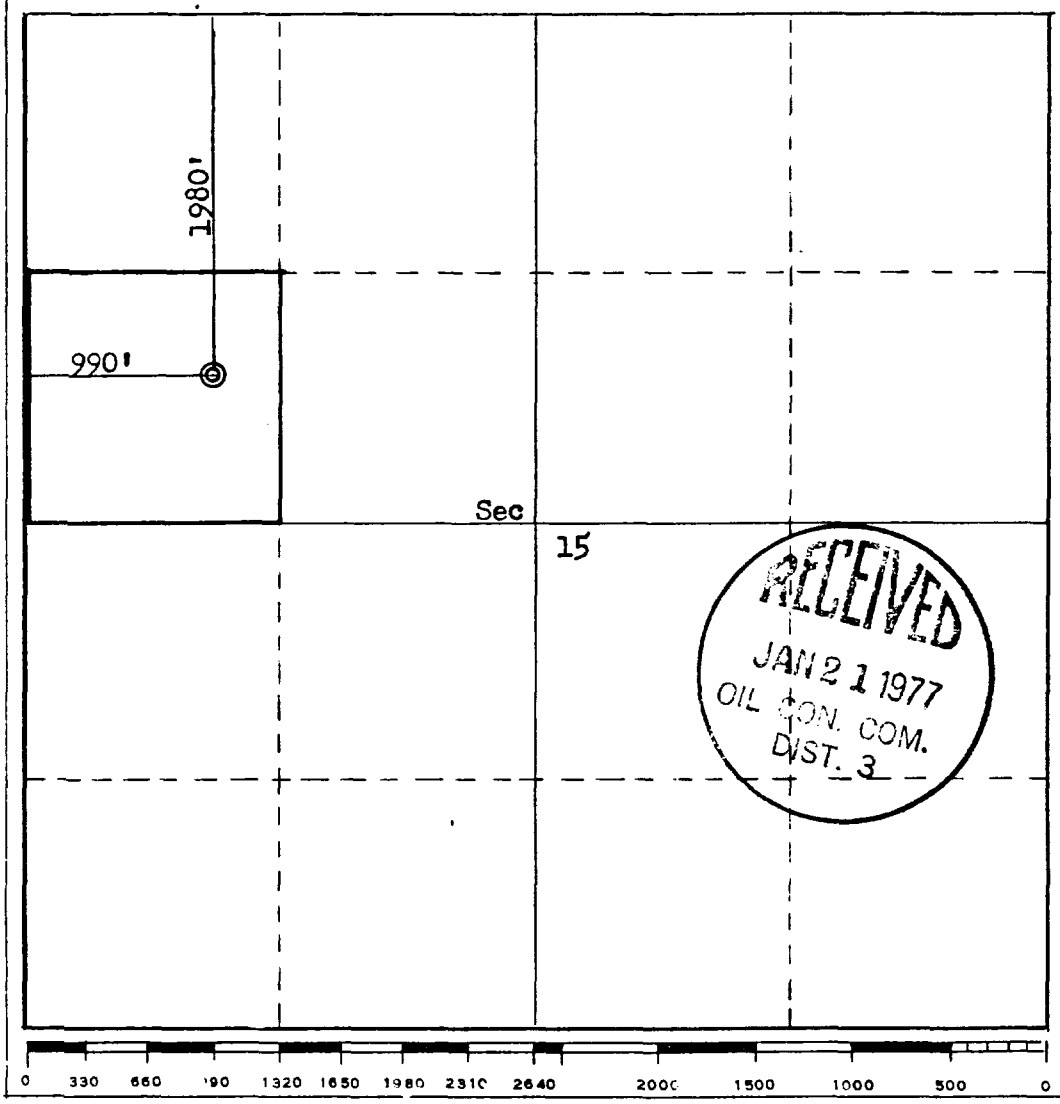
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling. etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



RECEIVED
JAN 21 1977
OIL CON. COM.
DIST. 3

CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name: J. Arnold Snell

Position: Area Manager

Company: Minerals Management Inc.

Date:

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed: November 10, 1976

Registered Professional Engineer and/or Land Surveyor: Fred B. Kerr Jr.

Certificate No. 3950

Form 9-331 C
(May 1963)

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

30-031-20499

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.: NM 4953

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Federal 15

9. WELL NO.: 2

10. FIELD AND POOL, OR WILDCAT: Undesignated-Entrada

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: SEC. 15, T19N, R5W

1a. TYPE OF WORK: DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] OTHER SINGLE ZONE [X] MULTIPLE ZONE [ ]

2. NAME OF OPERATOR: Dome Petroleum Corporation

3. ADDRESS OF OPERATOR: c/o Minerals Mangement Inc.
501 Airport Dr., Suite 105, Farmington, N.M. 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface: 1980' FNL, 990' FWL, SEC. 15, T19N, R5W
At proposed prod. zone:

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: 30 miles Southwest 44 Trading Post

12. COUNTY OR PARISH: McKinley

13. STATE: N.M.

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any): 660'

16. NO. OF ACRES IN LEASE: 1480

17. NO. OF ACRES ASSIGNED TO THIS WELL: 40

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.: 700'

19. PROPOSED DEPTH: 5400'

20. ROTARY OR CABLE TOOLS: Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 6604' GR

22. APPROX. DATE WORK WILL START*: February 15, 1977

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
15"	10 3/4"	32.75#	200'	200 sx
8 3/4"	7"	23#	5400'	300-500 sx (2 stage)

Dome Petroleum Corporation (Operator) proposes to drill a Jurrasic test to 5400'. Completion will be determined from logs. A Series 900 (3000 psi) WP blowout preventer will be used. The BOP will be pressure tested before drilling surface plug. Pertinent formation tops are estimated as Point Lookout 1994', Gallup 2928', Graneros 4004', Dakota 4140', Entrada 5160'. Drill Stem tests will be taken where necessary for evaluation. No abnormal pressures and temperatures are anticipated. Drilling should require approximately 15 days.

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DIST. 3

JAN 20, 1977

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED J. Arnold Snell TITLE Area Manager Minerals Management Inc. DATE 1-19-77

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Oltal

SN

PAPERS WASH ENTRADA

(Oil)

T. 19 N., R. 5 W., NMPM

McKinley County, New Mexico

By: Alan C. Bryant
Dome Petroleum Corporation

GEOLOGY

Regional Setting: Southern flank, San Juan Basin

Surface Formations: Cretaceous, Lewis Shale, Pictured Cliffs Sandstone, and Fruitland Formation

Exploration Method Leading to Discovery: Seismic and subsurface geology

Type of Trap: Eolian dune structure

Producing Formation: Jurassic, Entrada Sandstone

Gross Thickness and Lithology of Reservoir Rocks: 225 feet maximum, eolian sandstone

Geometry of Reservoir Rock: Approximately 100 feet thick off-dune, building up to 225 feet on-dune

Other Significant Shows: None

Oldest Stratigraphic Horizon Penetrated: Jurassic, Chinle Formation

DISCOVERY WELL

Name: Dome No. 15-1 Federal

Location: SE NW (2210′ FNL and 1650′ FWL) sec. 15, T. 19 N., R. 5 W., NMPM

Elevation (KB): 6,601 feet

Date of Completion: October 31, 1976

Total Depth: 5,390 feet

Production Casing: 7″at 5,242 feet with 600 sacks of cement

Perforations: 5,160 to 5,169 feet with 2 shots per foot

Stimulation: None

Initial Potential: 360 BOD, pumping

Bottom Hole Pressure: 2,120 psig at 5,160 feet

DRILLING AND COMPLETION PRACTICES

Surface casing, 9 5/8″, set at 200 feet with 200 sacks of cement. Drill 8¾″ hole to total depth. In areas of known lost circulation in lower "Gallup" sandstone, mud is pre-treated with 10 percent lost circulation material, reducing to 5 percent from Dakota Sandstone to total depth. Entrada Sandstone is penetrated 8 feet and a drill-stem test run. Drill to total depth 25 feet into Chinle (for seismic control) and log with Dual Induction Laterolog and CNL Density log. Sonic log is run occasionally for seismic correlation. Production casing, 7″, is run to total depth and cemented to surface in two stages with approximately 1,000 sacks of cement. Oil is circulated in hole and swabbed down to about 3,000 feet. Top 6 to 8 feet of Entrada is perforated and 2 7/8″ to 3½″ production tubing is run to 3,000 feet. Wells often flow oil to surface after perforating with no stimulation. Wells are placed on production with beam-type pump, which may be replaced later with downhole submersible pump, if justified.

RESERVOIR DATA

Productive Area:
Proved (as determined geologically): 405 acres
Unproved: 0 acres
Approved Spacing: 40 acres
No. of Producing Wells: 6
No. of Abandoned Wells: 0
No. of Dry Holes: 2

Average Net Pay: 19.8 feet over 405 acres, 37 feet in producing wells

Porosity: 26.1 percent

Permeability: 290 millidarcies

Water Saturation: 53 percent, includes basal 4 to 13 feet oil-water transition zone

Initial Field Pressure: 2,120 psig at 5,160 feet

Type of Drive: Fluid expansion and strong bottom water drive

Oil Characteristics and Analysis: Paraffin base, low asphalt, low sulphur, 32.5° API gravity at 60°F, pour point 75°F

Associated Water Characteristics and Analysis: Fresh, 3,010 ppm total dissolved solids

Original Gas, Oil, and Water Contact Datums: Oil-water +1,400 feet

Estimated Primary Recovery: Confidential

Type of Secondary Recovery: Confidential

Estimated Ultimate Recovery: Confidential

Present Daily Average Production: 690 BOD

Market Outlets: Trucked to Farmington-Bloomfield area by Permian Corporation

FIELD COMMENTARY

The Papers Wash Entrada oil field is located 75 miles southeast of Farmington, and 24 miles west of Cuba, New Mexico, in the northeastern corner of McKinley County. Geologically, it is situated on the southern flank of the San Juan Basin, where the regional dip is to the northeast.

Oil is found at the crest of an Upper Jurassic, Entrada eolian sand dune, which, within the field, varies in thickness from 181 to 225 feet, thinning rapidly off-dune to a regional thickness of about 100 feet. Oil pay thicknesses range from 34 to 41 feet. The probable source of the oil is the dense, petroliferous limestone of the overlying Todilto Limestone which also provides a seal. Within the field, the Todilto varies in thickness from 8 to 35 feet and also contains gypsum and anhydrite which increase in proportion to the limestones as the formation thickens to about 100 feet off-dune.

Due to a strong water drive in a highly porous (average 26.1 percent) and permeable (average 290 millidarcies) sandstone, the produced water-cut increased rapidly from zero at the commencement of production to 50 percent within a few months, necessitating the installation of a water-disposal

system. Downhole submersible pumps are planned to be installed in 1978 which, it is anticipated, will produce 4,000 barrels of fluid per day per well, of which 10 percent will be oil.

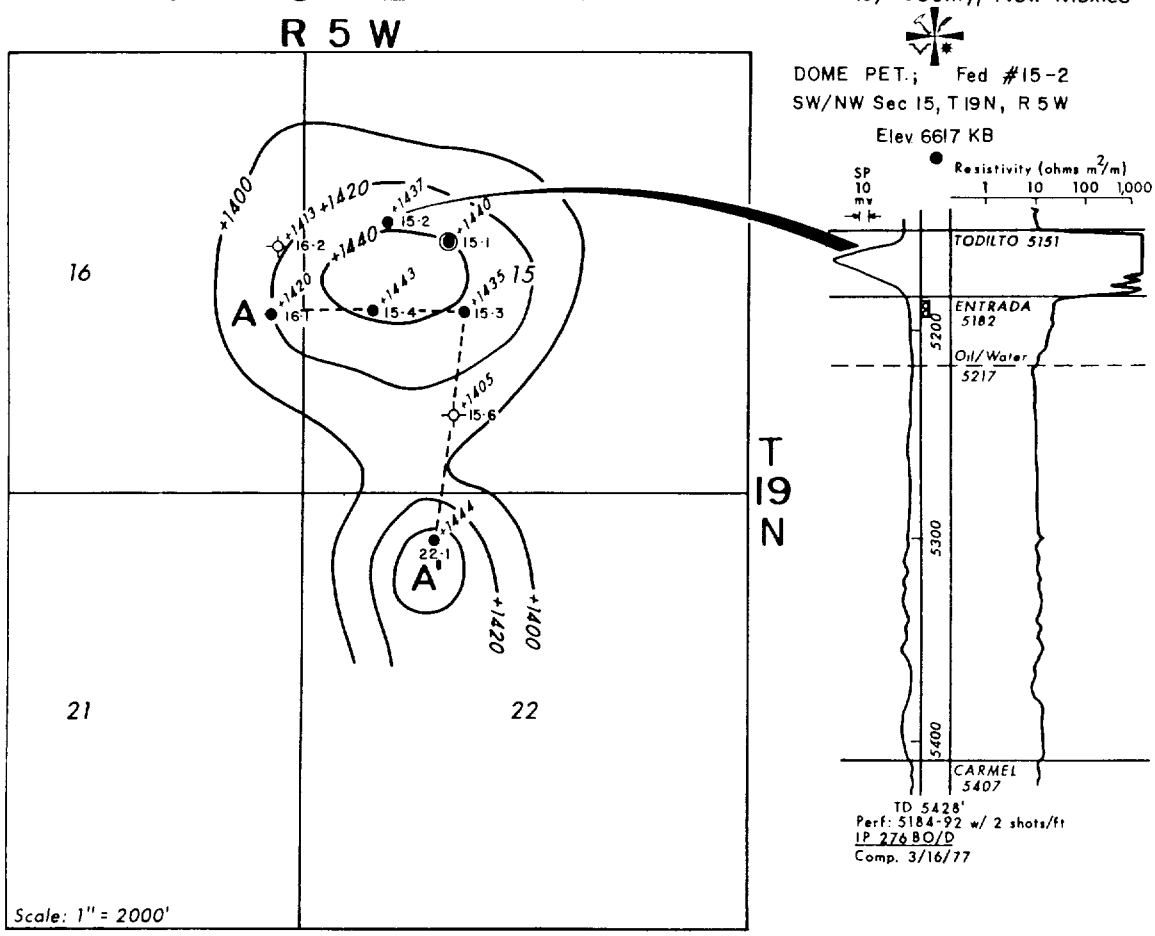
NO. OF WELLS @ YR. END				PRODUCTION OIL IN BARRELS GAS IN MCF	
YEAR	TYPE	PROD.	SI/ABN	ANNUAL	CUMULATIVE
1976	Oil	1		10,746	10,746
	Gas				
1977	Oil	6		233,676	244,422
	Gas				
	Oil				
	Gas				

REFERENCES

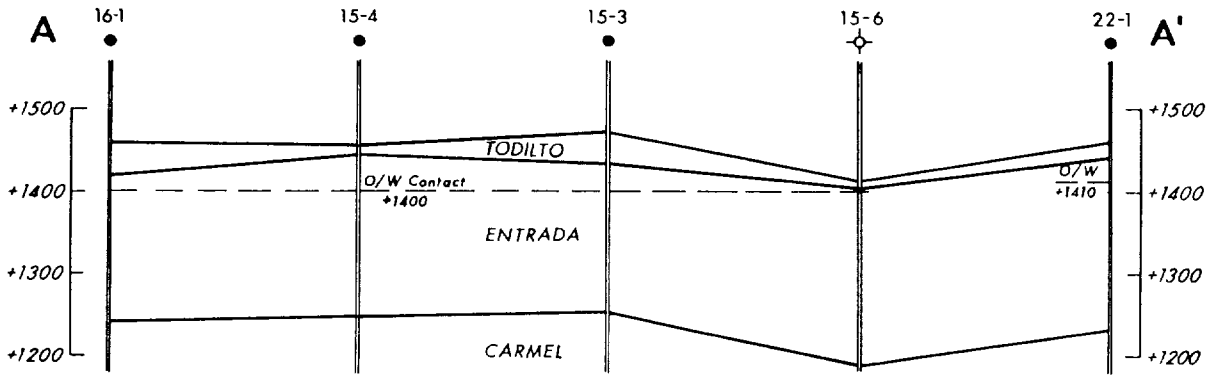
Personal and operator's records.

PAPERS WASH - ENTRADA FIELD

Mc Kinley County, New Mexico



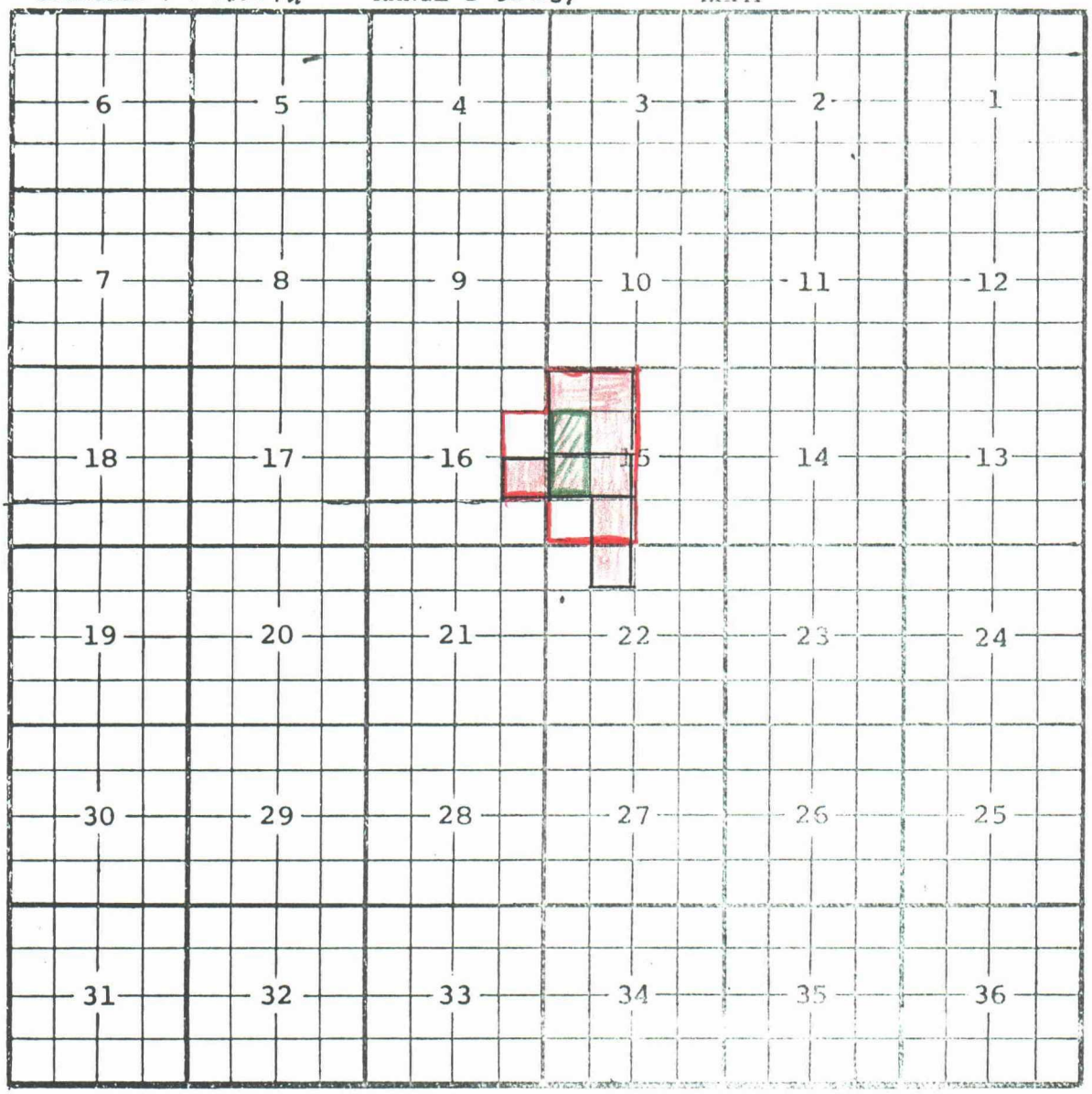
STRUCTURE-TOP ENTRADA FM.
C. I. = 20'



CROSS SECTION A-A'

COUNTY McKinley POOL Papers Wash - Entrada Oil

TOWNSHIP 19 North RANGE 5 West NMPM



Description: NW/4 Sec 15 (R-5401, 3-15-77)
Ext: N/2 SW/4 Sec 15 (R-5470, 7-1-77) Ext: SE/4 SW/4 Sec 15, -
- NE/4 SE/4 Sec 16, NE/4 NW/4 Sec 22 (R-5779, 8-1-78)

Proposed Procedure Unit