

MW PETROLEUM CORPORATION

□

OIL CONSERVATION DIVISION  
RECEIVED

NOV 23 1992 9 57

NEW MEXICO OIL CONSERVATION DIVISION  
P.O. BOX 2088  
SANTE FE, NEW MEXICO 87504-2088

ATTN: DIRECTOR

November 23, 1992

MW PETROLEUM CORPORATION  
STAN PHILLIPS  
304 N. BEHREND  
FARMINGTON, NM 87401

DEAR DIRECTOR;

MW Corporation is submitting this application to seek an exception to Rule 303-A concerning segregation of production from pools.

Presently, some of the ownership questions are not cleared up in the Federal Oso Canyon #1, MW Petroleum is requesting approval to commingle the Gavilan Mancos and the Undesignated Dakota in the Oso Canyon Federal A 1, only. At a later date MW Petroleum will file for approval in the Federal Oso Canyon #1.

Some of the characteristics, etc. used for the Gavilan Mancos were obtained from the Oso Canyon Federal B 1 (SENW SEC. 11 TWP. 24N R 4W).

OPERATOR: MW PETROLEUM CORPORATION (Managed by Apache Corporation)  
304 N. Behrend  
Farmington, NM 87401

WELL: OSO CANYON FEDERAL A 1  
SENW SEC. 14 TWP. 24N R 2W  
Rio Arriba Co. New Mexico  
Gavilan Mancos and Undesignated Dakota

Plat of lease ownership and offset wells: SEE ATTACHMENT 'A'

Form C-116: SEE ATTACHMENT 'B'

PRODUCTION DECLINE CURVE:

The Gavilan Mancos was completed in 12-1984 and was produced until 10-31-1989. The Dakota was completed in 8-1992 and has been on production testing (isolated from the Gavilan Mancos with a packer) since.

ONE UNITED BANK CENTER  
1700 LINCOLN STREET, SUITE 1900  
DENVER, COLORADO 80203-4519  
303-837-5000

8-1992 AVG. PROD. 8.2 BOPD 9 MCFD 8.6 BWPB  
9-1992 AVG. PROD. 8.4 BOPD 12 MCFD 8.8 BWPB  
10-1992 AVG. PROD. 7.3 BOPD 5 MCFD 6.9 BWPB

SEE ATTACHMENT 'C' for Gavilan Mancos decline curve.

Well resume and proposed commingling schematic : SEE ATTACHMENT 'D'

Estimated bottomhole pressures: SEE ATTACHMENT 'E'

Description of the fluid characteristics: SEE ATTACHMENT 'F'

No data was available for the Gavilan Mancos fluids, enclosed is an oil run ticket and a water analysis from the Gavilan Mancos in the Oso Canyon Federal B 1 for comparison with the same from the Dakota in the Oso Canyon Federal A 1.

Value of the commingled production, October 1992 prices:

Oso Canyon Federal B 1	(Gavilan Mancos)
Gas	\$ 2.61/MCF
Oil	\$18.90/BBL
Oso Canyon Federal A 1	(Undesignated Dakota)
Gas	\$ 3.04/MCF
Oil	\$18.68/BBL

As of present, the Oso Canyon Federal A 1 pricing is from the Gavilan Mancos pricing schedule, that is not anticipated to change.

#### FORMULA FOR ALLOCATION:

Until a set production amount can be established after commingling, MW Petroleum will allocate 2 BOPD and 14 MCFD to the Gavilan Mancos and any production over these values will be assigned to the Dakota.

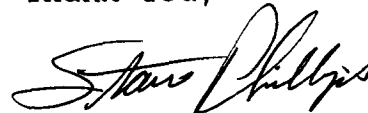
After the well's production has leveled out, a percentage production allocation will be calculated and reported to the NMOCD and will be used to report the production.

Statements of notification to offset operators and the BLM:  
SEE ATTACHMENT 'G'

Ownership of the zones is common: SEE ATTACHMENT 'H'

This should complete all information needed to meet the requirements for the commingling approval. If further information is required, please contact us.

Thank You,

A handwritten signature in cursive script, appearing to read "Stan Phillips".

Stan Phillips  
Production Foreman

A handwritten signature in cursive script, appearing to read "M. McCool".

Mark McCool  
Production Superintendent

cc:            Division Director, Santa Fe Office    3 copies  
              Ernie Busch, Aztec Office            2 copies  
              Chris Kersey, Apache Corporation

ATTACHMENT 'A'

- A-1 Plat of offset wells and operators
- A-2 Plat of offsetting leases and ownership
- A-3 Acreage dedication for OSO CANYON FEDERAL A 1




































○ Blanco South  
Pictured Cliffs

○ Gavilan  
MancoS

⊗ Undesignated  
Gallup

○ Undes Gallup  
Undes Dakota

- (1) Oryx Energy Co. (9) Fundingsland EL  
(2) MW Petroleum Corp. (10) Meridian Oil Inc  
(3) Graham Royalty LTD (11) Dugan Production  
(4) McHugh Jerome P. (12) Gilbreath Norman  
(5) Benson Martin Greer (13) Dyna Ray Oil and Gas  
(6) R.L. Bayless (Marrion) (14) Kerns Oil and Gas  
(7) El Paso Natural Gas Co. (15) Texaco Inc  
(8) Merion Oil and Gas
- Note: Oryx Energy wells were bought by (5)

<p>10</p> <p></p>	<p>11</p> <p> </p>	<p>   </p> <p>12</p>	<p>7</p>
<p>15</p>	<p>(Dedicated Acreage) (N½) MW Petroleum Oso Canyon A-1</p> <p>14</p> <p>  </p>	<p></p> <p>13</p>	<p>18</p>
<p>22</p> <p>  </p>	<p>   </p>	<p>  <p>(Dedicated Acreage) 24 MW Petroleum Federal Oso Canyon 1 Gal-Dak</p>   </p> <p>T 24 N T 24 N</p>	<p>19</p>
<p>25</p> <p>  </p>	<p>26</p> <p> </p>	<p>25</p> <p> </p>	<p>30</p> <p> </p>

5y Co. (9) Fundingsland EL  
eum Corp. (10) Meridian Oil Inc  
Royalty LTD (11) Dugan Production  
Jerome P. (12) Gilbreath Norman  
ontin Greer (13) Dyna Ray Oil and Gas  
s (Marrion) (14) Kerns Oil and Gas  
tural Gas Co. (15) Texaco Inc  
l and Gas

Note: Dry Energy wells were bought by (5)

ATTACHMENT 'B'

- B-1 Gas-Oil Ratio (C-116) OSO CANYON FEDERAL A 1  
Undesignated Dakota
- B-2 Gas-Oil Ratio (C-116) OSO CANYON FEDERAL A 1  
Gavilan Mancos



## Facsimile Transmission

Addressee's Teletypewriter Phone

Date

March 13, 1984

Page

1 of 3

To: Name	Company	Location	Mail Code/Room
S. D. Blossom	APC	Farmington	
From: Name	Company	Location	Mail Code/Room
J. C. Burnside	APC	Denver - AB	

File: DAW-352-WF

Well Release Information

The following two wells are released for staking and permitting only:

Oso Canyon Federal A Well No. 1  
SE/4 NW/4 Section 14-T24N-R2W  
Rio Arriba County, New Mexico  
320-acre Gavilan Mancos Extension/40-acre  
Undesignated Dakota  
N/2 spacing unit/8100 feet

Oso Canyon Federal B Well No. 1  
SE/4 NW/4 Section 11-T24N-R2W  
Rio Arriba County, New Mexico  
320-acre Gavilan Mancos Extension/40-acre  
Undesignated Dakota  
W/2 spacing unit/8100 feet

These wells <sup>MAY</sup> be drilled in the 3rd quarter of 1984.  
Form 46's for both wells are attached.

*John C. Burnside*  
REK/pjg

Attachments (2)

cc: N. L. Ness  
D. R. Hoffman  
P. D. Lynton

Submit 2 copies to Appropriate District Office.

DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

P.O. Drawer DD, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-116  
Revised 1/1/89

## OIL CONSERVATION DIVISION

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

### GAS - OIL RATIO TEST

Operator		Pool		County										
MW PETROLEUM CORPORATION		GAVILAN MANCOS		RIO ARRIBA										
Address		TYPE OF TEST - (X)		Completion <input type="checkbox"/> Special <input checked="" type="checkbox"/>										
304 N. BEHREND, FARMINGTON, NM		Scheduled <input type="checkbox"/>												
LEASE NAME	WELL NO.	LOCATION		DATE OF TEST	CHOKE SIZE	TBG. PRESS.	DAILY ALLOWABLE	LENGTH OF TEST HOURS	PROD. DURING TEST		GAS - OIL RATIO CU.FT/8RL.			
		U	S	T	R				WATER 8RL.S.	GRAV. OIL 8RL.S.	GAS M.C.F.			
OSO CANYON FED. A	1	F	14	24	2	10-31-92P	NONE	160	24	0	43.5	2	14	7000

#### Instructions:

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Division.

Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F. Specific gravity base will be 0.60.

Report casing pressure in lieu of tubing pressure for any well producing through casing.

(See Rule 301, Rule 1116 & appropriate pool rules.)

I hereby certify that the above information is true and complete to the best of my knowledge and belief.

Signature

STAN PHILLIPS/PRODUCTION FOREMAN

Printed name and title

Date 11-23-92

505-325-0318

Telephone No.

Submit 2 copies to Appropriate  
District Office.  
DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240  
DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210  
DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico  
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

Form C-116  
Revised 1/1/89

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

GAS - OIL RATIO TEST

Operator		Pool		County	
MM PETROLEUM CORPORATION		UNDESIGNATED DAKOTA		RIO ARRIBA, NM	
Address		304 N. BEHREND, FARMINGTON, NM		TYPE OF TEST - (X)	
LEASE NAME		WELL NO.		DATE OF TEST	
OSO CANYON FEDERAL A		1		11-22-92	
		F		P	
		14		NONE	
		24		165	
		2		24	
		11-22-92		6	
		P		41.4	
		NONE		7	
		165		5	
		24		714	
		6			
		41.4			
		7			
		5			
		714			

Instructions:

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Division.

Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F. Specific gravity base will be 0.60.  
Report casing pressure in lieu of tubing pressure for any well producing through casing.

(See Rule 301. Rule 1116 & appropriate pool rules.)

I hereby certify that the above information is true and complete to the best of my knowledge and belief.

Signature: *Stan Phillips*

STAN PHILLIPS / PRODUCTION FOREMAN  
Printed name and title

Date: 11-23-92 505-325-0318

Telephone No.

ATTACHMENT 'C'

- C-1 Production decline curve - OSO CANYON FEDERAL A 1  
Gavilan Mancos
- C-2 Lease Operating Statement - 1989
- C-3 Lease Operating Statement - 1990



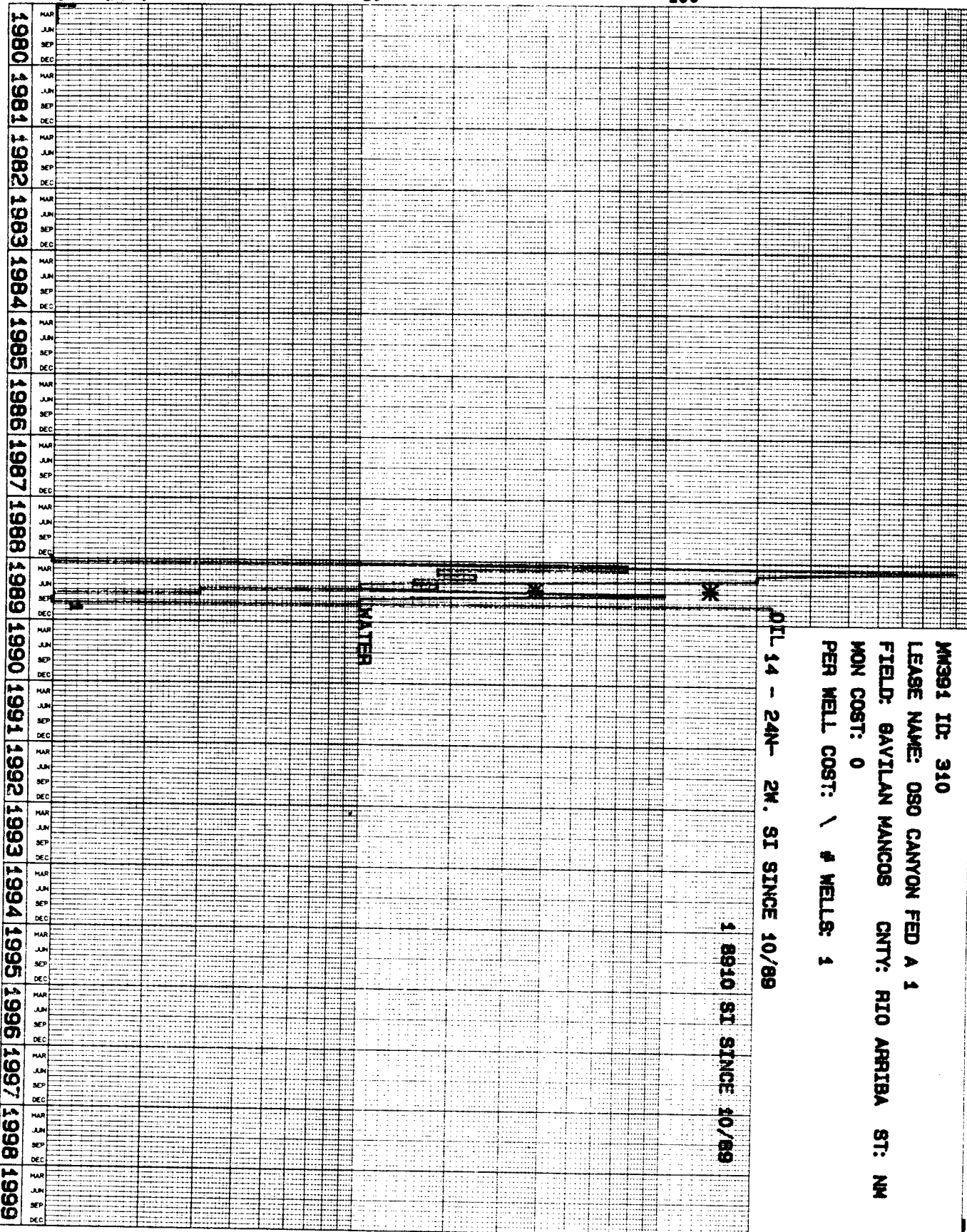
WATER (BBL) \_\_\_\_\_ 0.1 1  
GAS (MCF) \_\_\_\_\_  
OIL (BBL) \_\_\_\_\_ 10 100

WM391 ID: 310  
LEASE NAME: OSO CANYON FED A 1  
FIELD: SAVILAN MANCOS CNTY: RIO ARriba ST: NM  
MON COST: 0  
PER WELL COST: \ # WELLS: 1

OIL 14 - 24N- 2W. SI SINCE 10/89

1 8910 SI SINCE 10/89

WATER



DATE: 09/10/91  
TIME: 13:57



FLAC: 160438 00  
 ST.CNTY: 30 RIO ARRIBA  
 FIELD: GAVILAN MANCOS EXT-UNDES DAKOTA  
 NAME: OSO CANYON FEDERAL /A/  
 OPERATOR: AMOCO PRODUCTION COMPANY

REGION, DIV, OP CENTER: 5 042 29  
 WI: 1.0000000  
 NOI: 0.0000000  
 NGI: 0.0000000

1989

ITEM	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL	AVG
2 GROSS CRUDE PROD - BBLs/MO	0	75	18	24	15	18	3	1	0	223	0	-223	154	13
3 GROSS COND PROD - BBLs/MO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 GROSS NGL PROD - BBLs/MO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 GROSS SULFUR PROD - LTONS/MO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 GROSS GAS PROD - MCF/MO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 PRODUCING OIL WELLS	0	1	1	1	1	1	1	1	1	1	1	1	1	1
21 PRODUCING GAS WELLS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 SERVICE WELLS	1	0	0	0	0	0	0	0	0	0	0	0	0	0
23 NON-PRODUCING WELLS	1	0	0	0	0	0	0	0	0	0	0	0	1	0
24 ALLOWABLE WELLS	0	1	1	1	1	1	1	1	1	1	1	1	1	1
25 SALARIES & EXPENSE - LSE SUP	0	81	130	94	131	109	122	200	268	270	295	190	1890	158
26 LABOR & EXPENSES - PUMPER	264	765	475	580	528	169	870	106	0	0	106	343	4206	351
27 LABOR & EXPENSES - COMPANY	0	0	0	0	0	0	0	0	24	0	0	0	29	2
28 CONTRACT LABOR & REPAIRS	0	0	105	39	105	0	0	0	0	0	250	0	499	42
29 TRUCKING - MATRL & EQUIP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30 LEASE/FACILITY SALTWATER EXP	0	0	0	0	0	245	0	0	0	0	0	0	245	20
31 FLUID HAULING & SERVICE	0	0	0	173	0	0	0	0	0	0	0	0	173	14
32 MATERIAL - OPER & REPL	0	-1	15	18	-5	-2	14	28	8	4	4	24	107	9
33 SUBSURFACE LIFT EQUIPMENT	0	964	88	230	694	115	70	-19	226	310	77	257	3012	251
34 WELL SERVICING EXPENSE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35 POWER, FUEL & WATER - PURCH	39	0	78	39	39	1222	283	144	42	0	78	39	2003	167
36 POWER, FUEL & WATER - OTHER	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37 CORROSION EXPENSE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38 TREATING CHEMICALS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39 DIRTWORK & ROAD EXPENSE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40 FIELD FACILITY EXPENSE	5	8	7	4	18	5	4	2	0	0	0	0	53	4
41 LEASE SERVICES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42 OTHER DIRECT EXPENSE	0	0	0	0	0	0	0	8	6	5	8	11	38	3
43 WELL OPERATING EXPENSE	308	1817	898	1177	1510	1863	1363	469	574	594	818	864	12255	1021
44 REPAIR WELL EXPENSE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45 REPAIR EXPENSE - SVC WELLS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46 LEASE INVESTMENT	288	0	0	0	0	0	0	0	0	0	0	0	288	24
47 TOTAL REVENUE	0	0	0	0	0	0	0	0	0	4182	0	-4182	0	0
0 CASH FLOW (EXCL TAXES)	-596	-1817	-898	-1177	-1510	-1863	-1363	-469	-574	3588	-818	-5046	-12543	-1045
1988 AVG LOE / MONTH														342
1988 AVG LOE / PRD WELL														0
1989 AVG LOE / PRD WELL														1021

FLAC: 160438 00  
 ST CNTY: 30 RIO ARriba  
 FIELD: GAVILAN MANCOS EXT-UNDES DAKOTA  
 NAME: OSO CANYON FEDERAL /A/  
 OPERATOR: AMOCO PRODUCTION COMPANY

MIDCON NM SAN JUAN BASIN  
 REGION, DIV, OP CENTER: 5 042 B5  
 W1: 1.0000000  
 NOI: 0.0000000  
 NGI: 0.0000000

1990  
 ----

ITEM	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL	AVG
2 GROSS CRUDE PROD - BBL/S/MO	0	0	0	0	0	0	0	0	0	0	-9	-1	-10	-1
3 GROSS COND PROD - BBL/S/MO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 GROSS NGL PROD - BBL/S/MO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 GROSS SULFUR PROD - LTONS/MO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 GROSS GAS PROD - MCF/MO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 PRODUCING OIL WELLS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 PRODUCING GAS WELLS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 SERVICE WELLS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 NON-PRODUCING WELLS	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24 ALLOWABLE WELLS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 SALARIES & EXPENSE - LSE SUP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 LABOR & EXPENSES - PUMPS	106	0	106	0	106	106	0	0	106	22	106	106	742	62
27 LABOR & EXPENSES - COMPANY	0	0	0	0	0	0	0	0	0	0	0	0	22	2
28 CONTRACT LABOR & REPAIRS	0	0	0	0	0	106	0	0	0	0	11	53	170	14
29 TRUCKING - MATRL & EQUIP	0	0	0	0	0	0	178	0	0	0	0	0	0	0
30 LEASE/FACILITY SALTWATER EXP	0	0	0	0	0	0	0	0	0	0	0	0	178	15
31 FLUID HAULING & SERVICE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32 MATERIAL - OPER & REPL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 SUBSURFACE LIFT EQUIPMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34 WELL SERVICING EXPENSE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35 POWER, FUEL & WATER - PURCH	39	39	39	39	39	39	39	0	39	39	39	190	580	48
36 POWER, FUEL & WATER - OTHER	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37 CORROSION EXPENSE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38 TREATING CHEMICALS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39 DIRTWORK & ROAD EXPENSE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40 FIELD FACILITY EXPENSE	0	0	0	0	0	0	30	91	27	75	24	45	292	24
41 LEASE SERVICES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42 OTHER DIRECT EXPENSE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43 WELL OPERATING EXPENSE	145	39	145	39	145	251	247	91	172	136	1148	394	2952	246
44 REPAIR WELL EXPENSE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45 REPAIR EXPENSE - SVC WELLS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46 LEASE INVESTMENT	0	0	36	0	0	0	0	0	-2627	0	0	0	-2591	-216
47 TOTAL REVENUE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0 CASH FLOW (EXCL TAXES)	-145	-39	-181	-39	-145	-251	-247	-91	-172	2491	-1148	-394	-361	-30

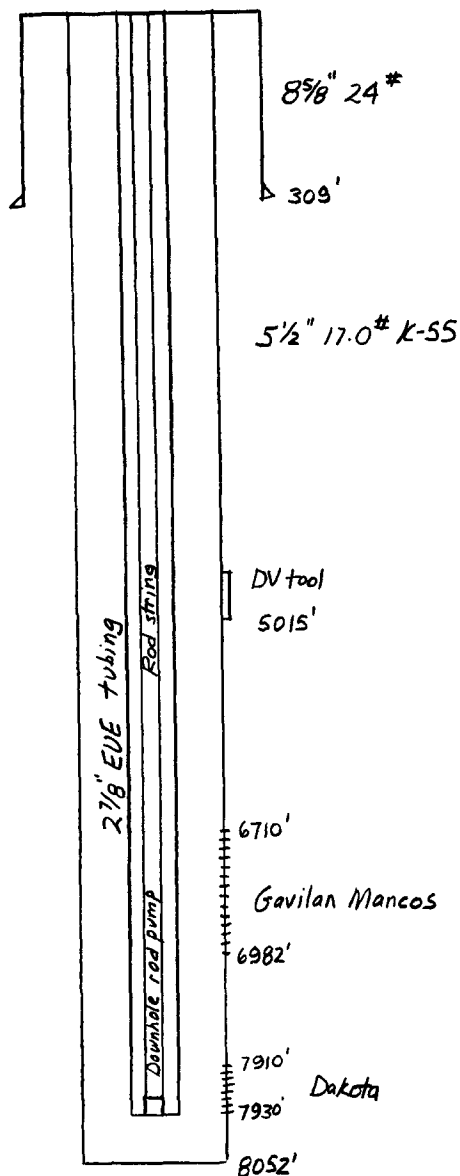
1990 AVG LOE / PRD WELL 0

ATTACHMENT 'D'

- D-1 Proposed Commingled Well Bore Schematic
- D-2 Existing wellbore schematic and resume

# PROPOSED COMMINGLED SCHEMATIC

## OSO CANYON FEDERAL A 1



The Gavilan Mancos and the Undesignated Dakota will be commingled in the well bore.

The tubing will be landed at the bottom Dakota perforation and a rod pump installed.

The fluids will be pumped up the tubing through a common flowline with the casing gas.

The oil will be separated on location and stored on oil storage tanks also on location.

The casing gas will be measured on location through an allocation meter and transported through a pipeline that ties into El Paso Natural Gas Co.'s pipeline and is re-measured.

### Future Production Prognostication:

Because of the way the formations were isolated (see well resume), and the way all fluids and the gas had to be pumped up the tubing, we are not confident that we were getting 100% of the Dakota potential. After commingling, the Gavilan Mancos should produce approximately the same 2 BOPD and 14 MCFD as tested 10-31-89, and the Dakota should produce no less than the three month testing we have done.

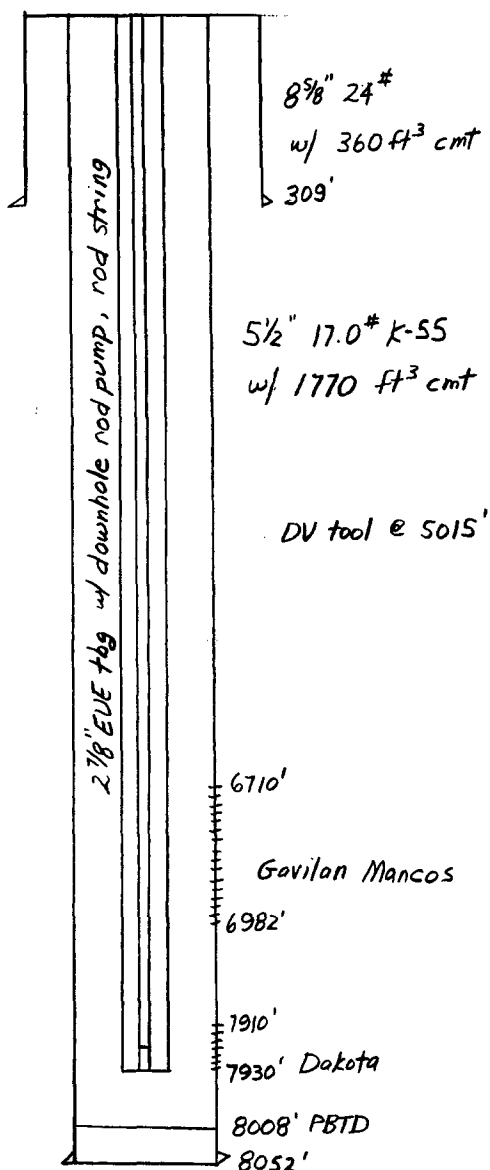
OSO CANYON FEDERAL A 1

SPUD 10-25-84

COMPLETED 1-5-85

12-4-84 - BD PERFD 6890'-6982'  
W/290 BBLs H<sub>2</sub>O @ 40 BPM ISIP  
750 BD PERFS 6710'-6982'

FRAC ALL PERFS W/180,000 GAL  
30# GEL AND 107,000 # 20-40 SD.  
FORM SCREENED OUT.  
SWAB WELL APPROX 3 WEEKS. LAND  
TUBING, RAN RODS, ROD PUMP.



7-14-92 - COMPLETE DAKOTA 'D'.  
RAN MTT - CALIPER LOG F/TD TO  
6650' - GOOD PIPE. RAN  
CBL/CCL/GR F/TD @ 7983' TO  
7000' - GOOD BOND. PERF 7910'-  
7930' S/ 4 SPF. ACIDIZE W/ 1000  
GAL 15% HCL @ 4.9 BPM - 2280  
PSI. SWAB BACK 60 BBLs WATER.  
FRAC UNDER PKR W/ 45224 GAL  
BORAGEL 9130 AND 95,000 # 20-40  
SD. WELL SCREENED OUT. SWAB DAK  
6 DAYS - FINAL DAY 15.5 BO 35  
BW, 287 BW TO REC.  
PULL PKR, RAN PROD TBG, ROD  
PUMP, RODS ON 8-18-92.

D-2

ATTACHMENT 'E'

E-1 Bottomhole Pressure Calculations

## BOTTOMHOLE PRESSURES

The Dakota pump jack was down from October 12 thru November 5, 1992 due to mechanical problems. It was put back on pump from November 5th thru November 23, 1992, when it was shut back down due to the pump being stuck. The Gavilan Mancos was shut in during this time.

On December 1st, a fluid level was shot on the Gavilan Mancos. On December 4th, a pulling unit was moved in to pull the pump and obtain a 3 day build up pressure on the Dakota. The objective was to leave the two (2) zones isolated with the packer in the hole, swab on the Dakota, and obtain the three (3) day test. Due to the pump being stuck, we had to strip the well, thus losing our isolation of zones. Another packer was run in on December 9th and set at 7472'. The Dakota tubing was swabbed for 1 1/2 days while the Gavilan Mancos was left shut in and the fluid level was monitored. The Dakota was shut in December 10th and a bottomhole pressure was taken December 14th a.m. by the wireline.

GAVILAN MANCOS

Fluid levels - wellhead pressures

1. 12-1-92 FL 5190' SICP 250
2. 12-10-92 After resetting packer and while swabbing Dakota  
A. AM FL 5170' SICP 60  
B. PM FL 5240' SICP 80
3. 12-14-92 FL 5450' SICP 150  
Using 12-1-92 data, fluid 50% oil, 50% water. BHP at bottom perf (6982') FL 5190' SICP 250 PSI, 1792' of fluid.  
896' 43.5 gravity oil (OSO B#1) 317 PSI  
896' 8.5 lb/gal water 395 PSI  
Shut in pressure 250 PSI  
962 PSI

Using 12-14-92 data:

1532' of fluid	
766' oil	271 PSI
766' water	338 PSI
shut in pressure	<u>250 PSI</u>
	859 PSI

DAKOTA 'D'

Bottom Hole Pressure

12-14-92 Rig up B&R Wireline. Ran BHP bomb, taking pressures every 1,000'. At 7930' had BHP of 1162 PSI with a .420 gradient.



# B & R SERVICE, INC.

P. O. Box 1048  
Farmington, New Mexico 87499  
(505) 325-2393

Company APACHE CORPORATION Lease OSO CANYON "A" Well 1  
County RIO ARriba State N. MEX. Date 12/14/92  
Shut-In \_\_\_\_\_ Zero Point K.B. Tbg. Pressure 195  
Casing Pressure PACKER Tbg. Depth \_\_\_\_\_ Casing Perf. \_\_\_\_\_  
Max. Temp. \_\_\_\_\_ Fluid Level 5200'

<u>DEPTH</u>	<u>PSIG</u>	<u>GRADIENT</u>
0	195	----
1000	199	.004
2000	204	.005
3000	209	.005
4000	215	.006
5000	222	.007
6000	502	.280
7000	822	.320
7830	1120	.359
7930	1162	.420



SERVICE TECHNOLOGIES, INC.  
660 SOUTH DUSTIN RD.  
P. O. BOX 2174  
FARMINGTON, NM 87499  
505-327-7848

FIELD INVOICE NUMBER:

NAME OF COMPANY: Apache Corp  
LEASE & WELL NUMBER: Q50 Canyon Gas Com A#1  
ORDERED BY: Stan Phillips  
DATE ORDERED: 12-1-92 DATE COMPLETED: 12-1-92  
WELL PROFILE: OIL    GAS    COAL/GAS    OTHER     
ON PUMP ? Y    N     
SPECIAL CONDITIONS: unit down, csq shot

TYPE OF WORK ORDERED:

- ☒ FLUID LEVEL ANALYSIS  
☐ BHP ANALYSIS  
☐ BAILING/CLEANOUT  
☐ EQUIPMENT/TOOL RENTAL

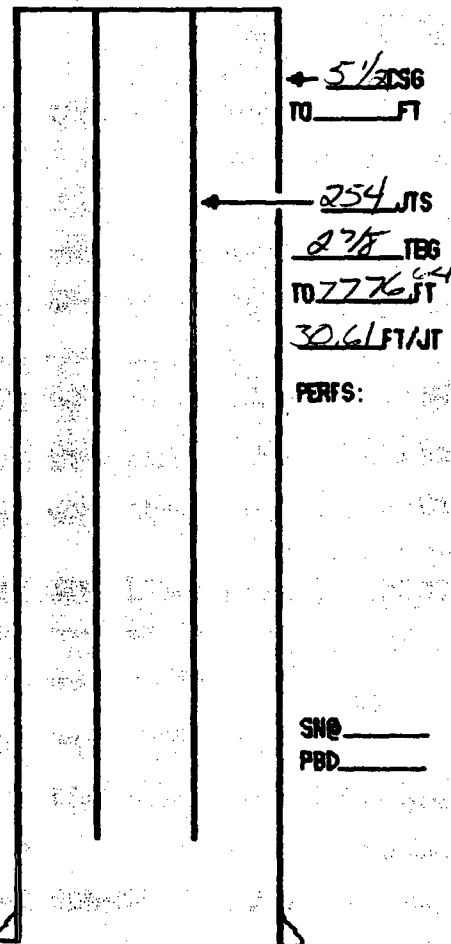
DESCRIPTION OF WORK PERFORMED:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

FINDINGS:

F/L @ 5191.91'  
195.75 jts. From  
SURFACE

WELLBORE DIAGRAM:



PRODUCTION:

SP \_\_\_\_\_ DP \_\_\_\_\_  
SPM BWN  
STROKE LENGTH \_\_\_\_\_  
PUMP BORE \_\_\_\_\_  
FLUID RATE \_\_\_\_\_  
PTBG 140

FLUID LEVEL FROM SURFACE:

TIME	#JTS	FT	Pcsq
<u>10:15</u>	<u>195.75</u>	<u>5191.91</u>	<u>250</u>

CONCLUSIONS:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

TIME OVER WELL

MILEAGE

FINISH	START	TOTAL
<u>29954</u>	<u>29751</u>	<u>233</u>

SERVICED BY: [Signature]

JOB CHARGES:	<u>20 @ \$25.00 EA.</u>	<u>\$150</u>	<u>20</u>
LABOR:	<u>NK</u>		
MILEAGE:	<u>233 @ .50</u>	<u>116</u>	<u>50</u>
OTHER:			
SUB-TOTAL:	<u>\$266</u>		<u>50</u>
TAX:	<u>\$15</u>		<u>49</u>
TOTAL:	<u>\$281</u>		<u>99</u>

APPROVED:

ATTACHMENT 'F'

- F-1 Oil Run Ticket - OSO CANYON FEDERAL A 1 - Undesignated  
Dakota
- F-2 Oil Run Ticket - OSO CANYON FEDERAL B 1 - Gavilan Mancos
- F-3 Water Analysis - OSO CANYON FEDERAL A 1
- F-4 Water Analysis - OSO CANYON FEDERAL B 1



**Gary - Williams  
Energy Corporation**

Republic Plaza  
370 17th Street, Suite 5300  
Denver, Colorado 80202  
(303) 628-3800

**B 551152**

**LEASE RUN TICKET**

Purchaser: GARY WILLIAMS ENERGY CORP.  
Shipper: GARY WILLIAMS ENERGY CORP.  
Commodity: CRUDE OIL PETROLEUM - FLAMMABLE LIQUID - UN1267

DATE: **9-26-92**

PUMPER \_\_\_\_\_

TAKEN BY \_\_\_\_\_

TIME \_\_\_\_\_ M

DATE \_\_\_\_\_

MUST BE PULLED BY \_\_\_\_\_

**ANCO PROD**  
**OSO CANYON A-1**

OPERATOR TANK # **21953**

TRUE GRAVITY \_\_\_\_\_

DESTINATION: **Bearpaw**

WELL WAS ☒ ON ☐ OFF

GAUGE FEET IN. 

OPEN	15	0
CLOSE	3	6

GROSS BARRELS **300.63**

TEMP OF OIL IN TANK **70.34**

DIFFERENCE **229.66**

PERCENT B.S. & W. **230.29**

NET BARRELS RECEIVED \_\_\_\_\_

BOTTOM SEDIMENT (IN) **4**

**RUNS VIA TRUCK MARKER**

TRUCK CAPACITY **4520** GAL

TRAILER CAPACITY **5250** GAL

TIME ON **10:45** am/pm

TIME OFF **1:30** am/pm

DATE **9-26-92**

GAUGER/DRIVER **Mark Valley**

OPERATOR WITNESS **Jim A. Oh**

SEAL # OFF **01345**

SEAL # ON **74406**

REFINERY TICKET # \_\_\_\_\_

THIS TICKET COVERS ALL CLAIMS FOR ALLOWANCE. THE OIL REPRESENTED BY THIS TICKET WAS RECEIVED AND RUN AS THE PROPERTY OF \_\_\_\_\_

OPERATOR \_\_\_\_\_

GARY TANK # PL \_\_\_\_\_

OBSERVED GRAVITY **42.4**

OBSERVED TEMP **75**

WELL WAS ☒ ON ☐ OFF

GAUGE FEET IN. 

OPEN	15	0
CLOSE	3	6

GROSS BARRELS **300.63**

TEMP OF OIL IN TANK **70.34**

DIFFERENCE **229.66**

PERCENT B.S. & W. **230.29**

NET BARRELS RECEIVED \_\_\_\_\_

BOTTOM SEDIMENT (IN) **4**

**RUNS VIA TRUCK MARKER**

TRUCK CAPACITY **4520** GAL

TRAILER CAPACITY **5250** GAL

TIME ON **10:45** am/pm

TIME OFF **1:30** am/pm

DATE **9-26-92**

GAUGER/DRIVER **Mark Valley**

OPERATOR WITNESS **Jim A. Oh**

SEAL # OFF **01345**

SEAL # ON **74406**

REFINERY TICKET # \_\_\_\_\_

THIS TICKET COVERS ALL CLAIMS FOR ALLOWANCE. THE OIL REPRESENTED BY THIS TICKET WAS RECEIVED AND RUN AS THE PROPERTY OF \_\_\_\_\_

OPERATOR \_\_\_\_\_

TRUCK # **5051**

TRAILER # **5053**

GROSS GALLONS HAULED **9646**

TIME ON **10:45** am/pm

TIME OFF **1:30** am/pm

DATE **9-26-92**

GAUGER/DRIVER **Mark Valley**

OPERATOR WITNESS **Jim A. Oh**

SEAL # OFF **01345**

SEAL # ON **74406**

REFINERY TICKET # \_\_\_\_\_

THIS TICKET COVERS ALL CLAIMS FOR ALLOWANCE. THE OIL REPRESENTED BY THIS TICKET WAS RECEIVED AND RUN AS THE PROPERTY OF \_\_\_\_\_

OPERATOR \_\_\_\_\_

TRUCK # **5051**

TRAILER # **5053**

GROSS GALLONS HAULED **9646**

TIME ON **10:45** am/pm

TIME OFF **1:30** am/pm

DATE **9-26-92**

GAUGER/DRIVER **Mark Valley**

OPERATOR WITNESS **Jim A. Oh**

SEAL # OFF **01345**

SEAL # ON **74406**

REFINERY TICKET # \_\_\_\_\_

THIS TICKET COVERS ALL CLAIMS FOR ALLOWANCE. THE OIL REPRESENTED BY THIS TICKET WAS RECEIVED AND RUN AS THE PROPERTY OF \_\_\_\_\_

OPERATOR \_\_\_\_\_

TRUCK # **5051**

TRAILER # **5053**

GROSS GALLONS HAULED **9646**

TIME ON **10:45** am/pm

TIME OFF **1:30** am/pm

DATE **9-26-92**



**Gary - Williams  
Energy Corporation**

Republic Plaza  
370 17th Street, Suite 5300  
Denver, Colorado 80202  
(303) 628-3800

**B 547839**

**LEASE RUN TICKET**

Purchaser: GARY WILLIAMS ENERGY CORP.  
Shipper: GARY WILLIAMS ENERGY CORP.  
Commodity: CRUDE OIL PETROLEUM - FLAMMABLE LIQUID - UN1267

DATE: **8-28-92**

PUMPER \_\_\_\_\_

TAKEN BY \_\_\_\_\_

TIME \_\_\_\_\_ M

DATE \_\_\_\_\_

MUST BE PULLED BY \_\_\_\_\_

**AMOCO PROD**

**OSO CYN B-1**

OPERATOR TANK # **52180**

TRUE GRAVITY \_\_\_\_\_

DESTINATION: **Blended**

WELL WAS ☒ ON ☐ OFF

GAUGE  
FEET IN.

OPEN **14 3**  
CLOSE **2 8**

DIFFERENCE

PERCENT B.S. & W.

NET BARRELS RECEIVED

BOTTOM SEDIMENT (IN) **6**

RUNS VIA TRUCK MARKER

TRUCK CAPACITY **4520** GAL.

TRAILER CAPACITY **5250** GAL.

GARY TANK # PL. **52180**

OBSERVED GRAVITY **44.2**

OBSERVED TEMP **70**

0 = ON 1 = OFF

TEMP. OF OIL  
IN TANK

DEG'S FACTOR

BARRELS @ 60°

OPEN **72**  
CLOSE **65**

TEMP.

BSW **0.1**

GROSS GALLONS HAULED

TIME ON **1:30** am/pm

TIME OFF **2:00** am/pm

DATE **8-28-92**

GAUGER/DRIVER **Harvey**

OPERATOR WITNESS **Jim R. Oley**

SEAL # OFF **70167**

SEAL # ON **76570**

REFINERY TICKET #

THIS TICKET COVERS ALL CLAIMS FOR ALLOWANCE. THE OIL REPRESENTED BY THIS TICKET WAS RECEIVED AND RUN AS THE PROPERTY OF \_\_\_\_\_

OPERATOR

C-68-200

CLIENT: Apache Corporation  
ID: OSO A-1  
SITE:  
LAB NO: 9583

DATE REPORTED: 09/04/92  
DATE RECEIVED: 09/02/92  
DATE COLLECTED: 08/30/92

Lab pH (s.u.).....	7.60
Lab Conductivity, umhos/cm @ 25C....	23500
Lab Resistivity, ohm-m.....	0.425
Total Dissolved Solids (180C), mg/L.	17700
Total Alkalinity as CaCO <sub>3</sub> , mg/L.....	605

	mg/L	meq/L
Bicarbonate as HCO <sub>3</sub> .....	738	12.1
Carbonate as CO <sub>3</sub> .....	<0.1	<0.01
Chloride.....	8630	243
Sulfate.....	1590	33
Calcium.....	373	18.6
Sodium.....	6210	270

  
Wanda Orso  
Water Lab Supervisor

**TOX**  
**TOTAL ORGANIC HALIDES**

Client: **APACHE CORPORATION**  
Project Location: NA  
Sample ID: OSO A-1  
Sample Number: C921790  
Sample Matrix: Water  
Condition: Cool, Intact

Report Date: 09/10/92  
Date Sampled: 08/30/92  
Date Received: 09/04/92  
Date Analyzed: 09/04/92

Parameter	Concentration (ug/L)	Detection Limit (ug/L)
Total Organic Halides	38	13
Concentration is the average of the replicates reported below		
Replicate #1	38	13
Replicate #2	38	13

ND - Analyte not detected at stated detection limit.

**Comments:****Reference:**

Method 9020: TOTAL ORGANIC HALIDES (TOX)  
Test Methods for Evaluating Solid Waste, SW-846, United States Environmental  
Protection Agency, Third Edition, Volume IC, September 1986.

  
Analyst  
Review


*Well File*

CLIENT: Apache Corporation  
ID: OSO B-1  
SITE:  
LAB NO: 9584

DATE REPORTED: 09/04/92  
DATE RECEIVED: 09/02/92  
DATE COLLECTED: 08/30/92

Lab pH (s.u.).....	7.25
Lab Conductivity, umhos/cm @ 25C....	39000
Lab Resistivity, ohm-m.....	0.257
Total Dissolved Solids (180C), mg/L.	29000
Total Alkalinity as CaCO <sub>3</sub> , mg/L.....	308

	mg/L	meq/L
Bicarbonate as HCO <sub>3</sub> .....	375	6.15
Carbonate as CO <sub>3</sub> .....	<0.1	<0.01
Chloride.....	16570	467
Sulfate.....	<0.1	<0.01
Calcium.....	389	19.4
Sodium.....	10550	459

  
Wanda Orso  
Water Lab Supervisor



**TOX**  
**TOTAL ORGANIC HALIDES**

Client: **APACHE CORPORATION**  
Project Location: **NA**  
Sample ID: **OSO B-1**  
Sample Number: **C921791**  
Sample Matrix: **Water**  
Condition: **Cool, Intact**

Report Date: **09/10/92**  
Date Sampled: **08/30/92**  
Date Received: **09/04/92**  
Date Analyzed: **09/04/92**

Parameter	Concentration (ug/L)	Detection Limit (ug/L)
<b>Total Organic Halides</b>	<b>727</b>	<b>14</b>
Concentration is the average of the replicates reported below		
<b>Replicate #1</b>	<b>746</b>	<b>14</b>
<b>Replicate #2</b>	<b>707</b>	<b>13</b>

ND - Analyte not detected at stated detection limit.

**Comments:****Reference:**

Method 9020: TOTAL ORGANIC HALIDES (TOX)  
Test Methods for Evaluating Solid Waste, SW-846, United States Environmental  
Protection Agency, Third Edition, Volume IC, September 1986.

  
Analyst  
Review

ATTACHMENT 'G'

- G-1 BLM approved Notification of Commingling.
- G-2 BLM approved Notification of Completion in the Dakota.
- G-3 Offset operators notification and approval/disapproval (8).
- G-4 Well and operator list of surrounding leases.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Designation and Serial No.

**NM-40637**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

**OSO CANYON FED**

9. API Well No.

**A 1**

10. Field and Pool, or Exploratory Area

**GAV MANCO/UDES DK**

11. County or Parish, State

**RIO ARRIBA, N.M.**

**SUBMIT IN TRIPLICATE**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

**MW PETROLEUM CORPORATION**

3. Address and Telephone No.

**304 N. BEHREND, FARMINGTON, N.M. (505) 325-0318**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**1660 FNL X 1790 FWL, S-14 T-24N, R-2W**

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other **Commingling**

- ☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. 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.)\*

THE DAKOTA WAS COMPLETED IN AUGUST '92 AND PUT ON PRODUCTION AUGUST 18, 1992, BY PUMPING THE WELL UNDER A PACKER AT 7787' ISOLATING THE GAVILON MANCOS (6710'-6982') FROM THE DAKOTA (7910'-7930').

WE ARE PRESENTLY GATHERING THE INFORMATION TO FILE FOR A COMMINGLING ORDER FOR THIS WELL AND THE FEDERAL OSO CANYON #1 (SWNW SEC 24 TWP 24N R2W).

IF APPROVED BY NMOC D, THE WELL WILL BE PRODUCED BY COMMINGLING BOTH ZONES AND PUMPING THE TUBING FROM APPROX. 7930'.

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

Signed *M. McCool* Title **PRODUCTION FOREMAN**

Date **11/1/92**

(This space for Federal or State office use)

Approved by \_\_\_\_\_  
Conditions of approval, if any:

Title \_\_\_\_\_ **APPROVED**

**NOV 19 1992**

**AREA MANAGER**

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.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Designation and Serial No.  
NM-40637

6. If Indian, Allottee or Tribe Name  
JIC. APACHE

7. If Unit or CA. Agreement Designation

**SUBMIT IN TRIPLICATE**

Type of Well  
☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.  
OSO CANYON A

Name of Operator  
MW PETROLEUM CORPORATION (MAN. BY APACHE CORP.)

9. API Well No.  
#1

Address and Telephone No.  
304 N. BEHREND, FARMINGTON, N.M. (505) 325-0318

10. Field and Pool or Exploratory Area  
GAVILAN/UND DR

Location of Well (Footage, Sec., T., R., M., or Survey Description)

1660 FNL X 1790 FWL, S-14 T-24N, R-2W

County or Parish, State  
RIO ARriba, N.M.

**CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

**TYPE OF SUBMISSION**

- ☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

**TYPE OF ACTION**

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☐ Other \_\_\_\_\_
- ☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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.)\*

7-24-92- Moved in completion rig. Pulled rods and tubing. Bailed casing to 7990'. Ran CBL/CCL/GR and casing inspection log across Dakota. Perf Dakota 'D' from 7910' to 7930'. Acidize Dak with 1000 gal 15% HCL acid, swab back. Frac same with 45224 gals., Boragel 9130 an 95,000 lbs 20-40 sand. Swab test Dakota. Land production tubing with pkr set above Dakota. Ran pump and rods.

8-18-92 Well put on production, pumping Dakota only. Will test well to submit application for commingling Gavilan Mancos (perfs 6710'-6982') with Dakota 'D'.

*It is requested that a well completion report (Form 3160-5) be submitted to the BLM by 8/29/92.*

RECEIVED  
BLM  
SEP-2 AM 11:33  
FARMINGTON, N.M.

I hereby certify that the foregoing is true and correct

Signed M. McCoal Title Prod. Supt.

ACCEPTED FOR RECORD

Date 8/29/92

(This space for Federal or State office use)

SEP 02 1992

Approved by \_\_\_\_\_  
Conditions of approval, if any:

Title \_\_\_\_\_ FARMINGTON RESOURCE AREA

BY \_\_\_\_\_

304 N. BEHREND/FARMINGTON, NEW MEXICO 87401



505/325-0318

✓ BENSON-MONTIN-GREER DRILLING CORP.  
221 PETROLEUM CENTER  
FARMINGTON NM 87401

NOVEMBER 6, 1992

NOV - 6 1992

~~APACHE CORPORATION~~  
~~304 N. Behrend~~  
~~Farmington, NM 87401~~

Dear Operator,

We are presently filing for an exception to the New Mexico Oil Conservation Division's rule 303-A to permit us to commingle the Gavilon Mancos and Dakota formations in these two wells:

OSO CANYON FED A #1 - SENW SEC. 14 TWP. 24N R2W  
FEDERAL OSO CANYON #1 - SWNW SEC. 24 TWP. 24N R2W

As an offset operator to either of these wells, we are required to notify you of this filing and give you the option of approving or disapproving our intent of commingling.

Enclosed are two (2) self addressed envelopes - one addressed to us and the other to David Catanach in the Santa Fe office of the NMOCD.

We would like to request that you mark your preference on this letter and mail one to us and the other to Mr. Catanach.

Thank you for your efforts and consideration in this matter.

Sincerely,

A handwritten signature in cursive script, appearing to read "Stan Phillips".

Stan Phillips  
Production Foreman  
APACHE CORPORATION  
Farmington District

APPROVE \_\_\_\_\_  
DISAPPROVE \_\_\_\_\_  
SIGNATURE [Handwritten Signature]  
TITLE [Handwritten Title]  
DATE 11-9-92

304 N. BEHREND/FARMINGTON, NEW MEXICO 87401



505/325-0318

E.L. FUNDINGSLAND  
7400 E. ORCHARD RD.  
ENGLEWOOD, CO. 80111

NOVEMBER 6, 1992

APACHE CORPORATION  
304 N. Behrend  
Farmington, NM 87401

Dear Operator,

We are presently filing for an exception to the New Mexico Oil Conservation Division's rule 303-A to permit us to commingle the Gabilon Mancos and Dakota formations in these two wells:

OSO CANYON FED A #1 - SENW SEC. 14 TWP. 24N R2W  
FEDERAL OSO CANYON #1 - SWNW SEC. 24 TWP. 24N R2W

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Thank you for your efforts and consideration in this matter.

Sincerely,

A handwritten signature in cursive script that reads "Stan Phillips".

Stan Phillips  
Production Foreman  
APACHE CORPORATION  
Farmington District

APPROVE ☒ A handwritten signature in cursive script that reads "Stan Phillips".  
DISAPPROVE ☐  
SIGNATURE \_\_\_\_\_  
TITLE Owner  
DATE 11/9/92

304 N. BEHREND/FARMINGTON, NEW MEXICO 87401



505/325-0318

KERNS OIL & GAS  
8700 CROWN HILL  
SUITE 806  
SAN ANTONIO, TX 78209

NOVEMBER 6, 1992

APACHE CORPORATION  
304 N. Behrend  
Farmington, NM 87401

Dear Operator,

We are presently filing for an exception to the New Mexico Oil Conservation Division's rule 303-A to permit us to commingle the Gabilon Mancos and Dakota formations in these two wells:

OSO CANYON FED A #1 - SENW SEC. 14 TWP. 24N R2W  
FEDERAL OSO CANYON #1 - SWNW SEC. 24 TWP. 24N R2W

As an offset operator to either of these wells, we are required to notify you of this filing and give you the option of approving or disapproving our intent of commingling.

Enclosed are two (2) self addressed envelopes - one addressed to us and the other to David Catanach in the Santa Fe office of the NMOCD.

We would like to request that you mark your preference on this letter and mail one to us and the other to Mr. Catanach.

Thank you for your efforts and consideration in this matter.

Sincerely,

A handwritten signature in cursive script that reads "Stan Phillips".

Stan Phillips  
Production Foreman  
APACHE CORPORATION  
Farmington District

APPROVE ☒  
DISAPPROVE  
SIGNATURE William B. Davis  
TITLE President  
DATE 11/9/92

304 N. BEHREND/FARMINGTON, NEW MEXICO 87401



505/325-0318

NORMAN GILBREATH  
P.O. BOX 208  
AZTEC, NM 87410

NOVEMBER 6, 1992

APACHE CORPORATION  
304 N. Behrend  
Farmington, NM 87401

Dear Operator,

We are presently filing for an exception to the New Mexico Oil Conservation Division's rule 303-A to permit us to commingle the Gavilon Mancos and Dakota formations in these two wells:

OSO CANYON FED A #1 - SENW SEC. 14 TWP. 24N R2W  
FEDERAL OSO CANYON #1 - SWNW SEC. 24 TWP. 24N R2W

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We would like to request that you mark your preference on this letter and mail one to us and the other to Mr. Catanach.

Thank you for your efforts and consideration in this matter.

Sincerely,

A handwritten signature in cursive script that reads "Stan Phillips".

Stan Phillips  
Production Foreman  
APACHE CORPORATION  
Farmington District

APPROVE 905  
DISAPPROVE \_\_\_\_\_  
SIGNATURE Norman Z. Gilbreath  
TITLE Operator  
DATE 11-12-1992



304 N. BEHREND/FARMINGTON, NEW MEXICO 87401

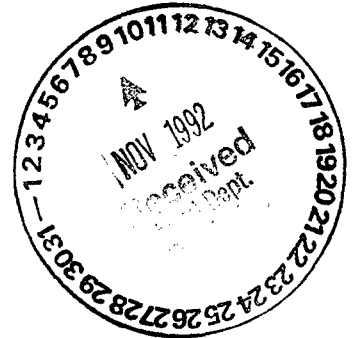


505/325-0318

MERIDIAN OIL INC.  
3535 E. 30TH STREET  
FARMINGTON NM 87401

NOVEMBER 6, 1992

APACHE CORPORATION  
304 N. Behrend  
Farmington, NM 87401



Dear Operator,

We are presently filing for an exception to the New Mexico Oil Conservation Division's rule 303-A to permit us to commingle the Gavilon Mancos and Dakota formations in these two wells:

OSO CANYON FED A #1 - SENW SEC. 14 TWP. 24N R2W  
FEDERAL OSO CANYON #1 - SWNW SEC. 24 TWP. 24N R2W

As an offset operator to either of these wells, we are required to notify you of this filing and give you the option of approving or disapproving our intent of commingling.

Enclosed are two (2) self addressed envelopes - one addressed to us and the other to David Catanach in the Santa Fe office of the NMOCD.

We would like to request that you mark your preference on this letter and mail one to us and the other to Mr. Catanach.

Thank you for your efforts and consideration in this matter.

Sincerely,

A handwritten signature in cursive script that reads "Stan Phillips".

Stan Phillips  
Production Foreman  
APACHE CORPORATION  
Farmington District

APPROVE X  
DISAPPROVE \_\_\_\_\_  
SIGNATURE Tom G. Hulse  
TITLE Senior Landman  
DATE 11-20-92

304 N. BEHREND/FARMINGTON, NEW MEXICO 87401

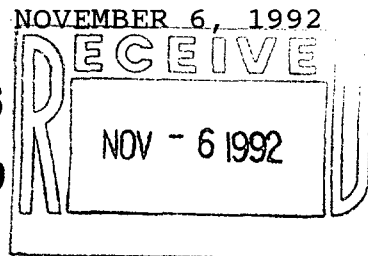


505/325-0318

MERRION OIL & GAS  
610 REILLY AVE.  
FARMINGTON NM 87401

*R.L. Bayless*

**ROBERT L. BAYLESS**  
P.O. Box 168  
Farmington, N.M. 87499



APACHE CORPORATION  
304 N. Behrend  
Farmington, NM 87401

Dear Operator,

We are presently filing for an exception to the New Mexico Oil Conservation Division's rule 303-A to permit us to commingle the Gavilon Mancos and Dakota formations in these two wells:

OSO CANYON FED A #1 - SENW SEC. 14 TWP. 24N R2W  
FEDERAL OSO CANYON #1 - SWNW SEC. 24 TWP. 24N R2W

As an offset operator to either of these wells, we are required to notify you of this filing and give you the option of approving or disapproving our intent of commingling.

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We would like to request that you mark your preference on this letter and mail one to us and the other to Mr. Catanach.

Thank you for your efforts and consideration in this matter.

Sincerely,

A handwritten signature in cursive script, appearing to read "Stan Phillips".

Stan Phillips  
Production Foreman  
APACHE CORPORATION  
Farmington District

APPROVE ☒  
DISAPPROVE  
SIGNATURE *R.L. Bayless*  
TITLE  
DATE 11-12-92

ORYX ENERGY CO.  
8150 N CENTRAL EXPWY  
DALLAS, TX 75221

NOVEMBER 6, 1992

*Note: The Oryx Energy wells were  
bought by Benson Montin Greer.*

APACHE CORPORATION  
304 N. Behrend  
Farmington, NM 87401

Dear Operator,

We are presently filing for an exception to the New Mexico Oil Conservation Division's rule 303-A to permit us to commingle the Gavilon Mancos and Dakota formations in these two wells:

OSO CANYON FED A #1 - SENW SEC. 14 TWP. 24N R2W  
FEDERAL OSO CANYON #1 - SWNW SEC. 24 TWP. 24N R2W

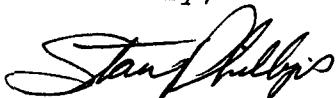
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We would like to request that you mark your preference on this letter and mail one to us and the other to Mr. Catanach.

Thank you for your efforts and consideration in this matter.

Sincerely,



Stan Phillips  
Production Foreman  
APACHE CORPORATION  
Farmington District

APPROVE \_\_\_\_\_  
DISAPPROVE \_\_\_\_\_  
SIGNATURE \_\_\_\_\_  
TITLE \_\_\_\_\_  
DATE \_\_\_\_\_



505/325-0318

TEXACO INC.  
3300 N. BUTLER  
FARMINGTON NM 87401

NOVEMBER 6, 1992

APACHE CORPORATION  
304 N. Behrend  
Farmington, NM 87401

Dear Operator,

We are presently filing for an exception to the New Mexico Oil Conservation Division's rule 303-A to permit us to commingle the Gavilon Mancos and Dakota formations in these two wells:

OSO CANYON FED A #1 - SENW SEC. 14 TWP. 24N R2W  
FEDERAL OSO CANYON #1 - SWNW SEC. 24 TWP. 24N R2W

As an offset operator to either of these wells, we are required to notify you of this filing and give you the option of approving or disapproving our intent of commingling.

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We would like to request that you mark your preference on this letter and mail one to us and the other to Mr. Catanach.

Thank you for your efforts and consideration in this matter.

Sincerely,

A handwritten signature in cursive script that reads "Stan Phillips".

Stan Phillips  
Production Foreman  
APACHE CORPORATION  
Farmington District

APPROVE ☒  
DISAPPROVE ☐  
SIGNATURE Rached Hindi/TAT  
TITLE Area Manager  
DATE 11/6/92

CC: chrono

P 144 990 691



# **Receipt for Certified Mail**

No Insurance Coverage Provided  
Do not use for International Mail  
(See Reverse)

Sent to <u>Dugan</u>	
Street and No.	
P.O., State and ZIP Code	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	

PS Form 3800, June 1991

<b>SENDER:</b> • Complete items 1 and/or 2 for additional services. • Complete items 3, and 4a & b. • Print your name and address on the reverse of this form so that we can return this card to you. • Attach this form to the front of the mailpiece, or on the back if space does not permit. • Write "Return Receipt Requested" on the mailpiece below the article number. • The Return Receipt Fee will provide you the signature of the person delivered to and the date of delivery.		I also wish to receive the following services (for an extra fee): 1. <input type="checkbox"/> Addressee's Address 2. <input type="checkbox"/> Restricted Delivery Consult postmaster for fee.
3. Article Addressed to: <u>Dugan Prod</u> <u>709 Murray Dr</u> <u>Farmington N.M.</u> <u>87401</u>	4a. Article Number <u>691</u>	
	4b. Service Type <input checked="" type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail <input checked="" type="checkbox"/> Return Receipt for Merchandise	
	7. Date of Delivery <u>11-10-92</u>	
5. Signature (Addressee)	8. Addressee's Address (Only if requested and fee is paid)	
6. Signature (Agent) <u>Frank Smith</u>		

PS Form 3811, November 1990 • U.S. GPO: 1991-287-086

DOMESTIC RETURN RECEIPT

P 144 990 688



# **Receipt for Certified Mail**

No Insurance Coverage Provided  
Do not use for International Mail  
(See Reverse)

Sent to <u>Graham Resources</u>	
Street and No.	
P.O., State and ZIP Code	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	

PS Form 3800, June 1991

<b>SENDER:</b> • Complete items 1 and/or 2 for additional services. • Complete items 3, and 4a & b. • Print your name and address on the reverse of this form so that we can return this card to you. • Attach this form to the front of the mailpiece, or on the back if space does not permit. • Write "Return Receipt Requested" on the mailpiece below the article number. • The Return Receipt Fee will provide you the signature of the person delivered to and the date of delivery.		I also wish to receive the following services (for an extra fee): 1. <input type="checkbox"/> Addressee's Address 2. <input type="checkbox"/> Restricted Delivery Consult postmaster for fee.
3. Article Addressed to: <u>Graham Resources</u> <u>109 North Park</u> <u>Blvd</u> <u>Covington, LA</u> <u>70433</u>	4a. Article Number <u>688</u>	
	4b. Service Type <input checked="" type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail <input checked="" type="checkbox"/> Return Receipt for Merchandise	
	7. Date of Delivery <u>11-9-92</u>	
5. Signature (Addressee)	8. Addressee's Address (Only if requested and fee is paid)	
6. Signature (Agent) <u>Paul Smith</u>		

PS Form 3811, November 1990 • U.S. GPO: 1991-287-086

DOMESTIC RETURN RECEIPT



P 144 990 690



# **Receipt for Certified Mail**

No Insurance Coverage Provided  
Do not use for International Mail  
(See Reverse)

Sent to <i>Meridian</i>	
Street and No.	
P.O., State and ZIP Code	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	

PS Form 3800, June 1991

## **SENDER:**

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt Fee will provide you the signature of the person delivered to and the date of delivery.

I also wish to receive the following services (for an extra fee):

- ☐ Addressee's Address
- ☐ Restricted Delivery

Consult postmaster for fee.

### **3. Article Addressed to:**

*Meridian Oil*  
*3535 E 30th St*  
*Farmington N.M.*  
*87401*

### **4a. Article Number**

*690*

### **4b. Service Type**

- |                                                |                                                                    |
|------------------------------------------------|--------------------------------------------------------------------|
| <input checked="" type="checkbox"/> Registered | <input type="checkbox"/> Insured                                   |
| <input checked="" type="checkbox"/> Certified  | <input type="checkbox"/> COD                                       |
| <input type="checkbox"/> Express Mail          | <input checked="" type="checkbox"/> Return Receipt for Merchandise |

### **7. Date of Delivery**

*11-6-92*

### **5. Signature (Addressee)**

### **6. Signature (Agent)**

*Carolyn Curry*

### **8. Addressee's Address (Only if requested and fee is paid)**

PS Form 3811, November 1990 \* U.S. GPO: 1991-287-006

**DOMESTIC RETURN RECEIPT**

P 144 990 697



# **Receipt for Certified Mail**

No Insurance Coverage Provided  
Do not use for International Mail  
(See Reverse)

Sent to <i>McHugh</i>	
Street and No.	
P.O., State and ZIP Code	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	

PS Form 3800, June 1991

## **SENDER:**

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt Fee will provide you the signature of the person delivered to and the date of delivery.

I also wish to receive the following services (for an extra fee):

- ☐ Addressee's Address
- ☐ Restricted Delivery

Consult postmaster for fee.

### **3. Article Addressed to:**

*McHugh*  
*4220 E. Bloomfield*  
*Farmington, N.M.*  
*87401*

### **4a. Article Number**

*144 990 697*

### **4b. Service Type**

- |                                       |                                                         |
|---------------------------------------|---------------------------------------------------------|
| <input type="checkbox"/> Registered   | <input type="checkbox"/> Insured                        |
| <input type="checkbox"/> Certified    | <input type="checkbox"/> COD                            |
| <input type="checkbox"/> Express Mail | <input type="checkbox"/> Return Receipt for Merchandise |

### **7. Date of Delivery**

*11-6-92*

### **5. Signature (Addressee)**

### **6. Signature (Agent)**

*Frank Ferris*

### **8. Addressee's Address (Only if requested and fee is paid)**

PS Form 3811, November 1990 \* U.S. GPO: 1991-287-006

**DOMESTIC RETURN RECEIPT**

P 144 990 698



# Receipt for Certified Mail

No Insurance Coverage Provided  
Do not use for International Mail  
(See Reverse)

Sent to <b>TEXACO</b>	
Street and No.	
P.O., State and ZIP Code	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	NOV 11 1991

PS Form 3800, June 1991

## SENDER

Complete items 1 and/or 2 for additional services.  
Complete items 3, 4, and 5.  
Print your name and address on the reverse of this form so that we can return this card to you.  
Attach this form to the front of the mailpiece, or on the back if space is not permitted.  
Write "Return Receipt Requested" on the mailpiece below the article number.  
The Return Receipt Fee will provide you the signature of the person delivered and the date of delivery.

1. Article Addressed to:

**Texaco**  
**3300 N. Butler**  
**Farmington, N.M.**  
**87401**

I also wish to receive the following services (for an extra fee):

1. ☐ Addressee's Address  
2. ☐ Restricted Delivery

Consult postmaster for fee.

4a. Article Number

**144 990 690**

4b. Service Type

- ☐ Registered ☐ Insured  
☐ Certified ☐ COD  
☐ Express Mail ☒ Return Receipt for Merchandise

7. Date of Delivery

**11-6-92**

8. Addressee's Address (Only if requested and fee is paid)

Signature (Addressee)

**Lori Kramer**

Signature (Agent)

PS Form 3811, November 1990 \*U.S. GPO: 1991-287-066

**DOMESTIC RETURN RECEIPT**

## SENDER

Complete items 1 and/or 2 for additional services.  
Complete items 3, 4, and 5.  
Print your name and address on the reverse of this form so that we can return this card to you.  
Attach this form to the front of the mailpiece, or on the back if space is not permitted.  
Write "Return Receipt Requested" on the mailpiece below the article number.  
The Return Receipt Fee will provide you the signature of the person delivered and the date of delivery.

3. Article Addressed to:

**E.L. Fundingsland**  
**7400 E. Orchard Rd**  
**Englewood, Co. 80111**

I also wish to receive the following services (for an extra fee):

1. ☐ Addressee's Address  
2. ☐ Restricted Delivery

Consult postmaster for fee.

4a. Article Number

**144 990 686**

4b. Service Type

- ☒ Registered ☐ Insured  
☐ Certified ☐ COD  
☐ Express Mail ☒ Return Receipt for Merchandise

7. Date of Delivery

**11-9-92**

8. Addressee's Address (Only if requested and fee is paid)

Signature (Addressee)

**L. Anon**

Signature (Agent)

PS Form 3811, November 1990 \*U.S. GPO: 1991-287-066

**DOMESTIC RETURN RECEIPT**

P 144 990 686



# Receipt for Certified Mail

No Insurance Coverage Provided  
Do not use for International Mail  
(See Reverse)

Sent to <b>EL Fundingsland</b>	
Street and No.	
P.O., State and ZIP Code	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	NOV 11 1991

PS Form 3800, June 1991



P 144 990 693

**SENDER:**

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt Fee will provide you the signature of the person delivered to and the date of delivery.

I also wish to receive the following services (for an extra fee):

1. ☐ Addressee's Address  
2. ☐ Restricted Delivery

Consult postmaster for fee.

## 3. Article Addressed to:

EPNG  
614 Reilly Ave  
Farmington, NM 87401

## 4a. Article Number

693

## 4b. Service Type

- ☒ Registered ☐ Insured  
☒ Certified ☐ COD  
☐ Express Mail ☒ Return Receipt for Merchandise

## 7. Date of Delivery

11-6

## 5. Signature (Addressee)

## 8. Addressee's Address (Only if requested and fee is paid)

## 6. Signature (Agent)

*Delia Valencia*

PS Form 3811, November 1990 \*U.S. GPO: 1991-287-006

**DOMESTIC RETURN RECEIPT****Receipt for Certified Mail**

No Insurance Coverage Provided  
Do not use for International Mail  
(See Reverse)

Sent to <b>EPNG</b>	
Street and No.	
P.O., State and ZIP Code	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	

PS Form 3800, June 1991

P 144 990 692

**SENDER:**

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt Fee will provide you the signature of the person delivered to and the date of delivery.

I also wish to receive the following services (for an extra fee):

1. ☐ Addressee's Address  
2. ☐ Restricted Delivery

Consult postmaster for fee.

## 3. Article Addressed to:

Amoco Production  
200 Amoco Court  
Farmington NM 87401

## 4a. Article Number

692

## 4b. Service Type

- ☒ Registered ☐ Insured  
☒ Certified ☐ COD  
☐ Express Mail ☒ Return Receipt for Merchandise

## 7. Date of Delivery

11-6-92

## 5. Signature (Addressee)

## 8. Addressee's Address (Only if requested and fee is paid)

## 6. Signature (Agent)

*Shirley Bradshaw*

PS Form 3811, November 1990 \*U.S. GPO: 1991-287-006

**DOMESTIC RETURN RECEIPT****Receipt for Certified Mail**

No Insurance Coverage Provided  
Do not use for International Mail  
(See Reverse)

Sent to <b>Amoco</b>	
Street and No.	
P.O., State and ZIP Code	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	

PS Form 3800, June 1991



P 144 990 695

**INSTRUCTIONS:**

Complete items 1 and/or 2 for additional services.  
 Complete items 3 and 4a & b.  
 Print your name and address on the reverse of this form so that we can return this card to you.  
 Attach this form to the front of the mailpiece, or on the back if space is not permitted.  
 Write "Return Receipt Requested" on the mailpiece below the article number.  
 The Return Receipt Fee will provide you the signature of the person delivered and the date of delivery.

I also wish to receive the following services (for an extra fee):

1. ☐ Addressee's Address  
 2. ☐ Restricted Delivery

Consult postmaster for fee.

**Article Addressed to:**

Kerns Oil & Gas  
 9700 Crown Hill  
 Suite 806  
 San Antonio Tx 78209

**4a. Article Number**

695

**4b. Service Type**

- ☒ Registered ☐ Insured  
☒ Certified ☐ COD  
☐ Express Mail ☒ Return Receipt for Merchandise

**7. Date of Delivery**

11-9-92

**Signature (Addressee)****Signature (Agent)**

Form 3811, November 1990 ★ U.S. GPO: 1991-287-066

**DOMESTIC RETURN RECEIPT**



### Receipt for Certified Mail

No Insurance Coverage Provided  
 Do not use for International Mail  
 (See Reverse)

Sent to <b>Kerns</b>	
Street and No.	
P.O., State and ZIP Code	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	

PS Form 3800, June 1991

P 144 990 696



### Receipt for Certified Mail

No Insurance Coverage Provided  
 Do not use for International Mail  
 (See Reverse)

Sent to <b>BMG</b>	
Street and No.	
P.O., State and ZIP Code	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	
Postmark or Date	

PS Form 3800, June 1991

P 144 990 694



# **Receipt for Certified Mail**

No Insurance Coverage Provided  
Do not use for International Mail  
(See Reverse)

Sent to <b>Gilbreath</b>	
Street and No.	
P.O., State and ZIP Code	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	

PS Form 3800, June 1991

P 144 990 689



# **Receipt for Certified Mail**

No Insurance Coverage Provided  
Do not use for International Mail  
(See Reverse)

Sent to <b>Merrion</b>	
Street and No.	
P.O., State and ZIP Code	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	

PS Form 3800, June 1991

<b>SENDER</b> Complete items 1 and/or 2 for additional services. Complete items 3, and 4a & b. Print your name and address on the reverse of this form so that we can return this card to you. Attach this form to the front of the mailpiece, or on the back if space does not permit. Write "Return Receipt Requested" on the mailpiece below the article number. The Return Receipt Fee will provide you the signature of the person delivered to and the date of delivery.		I also wish to receive the following services (for an extra fee): 1. <input type="checkbox"/> Addressee's Address 2. <input type="checkbox"/> Restricted Delivery Consult postmaster for fee.	
3. Article Addressed to: <b>Norman Gilbreath</b> <b>P.O. Box 208</b> <b>Aztec, N.M. 87410</b>		4a. Article Number <b>694</b>	
5. Signature (Addressee) <b>Loretta Delbueh</b>		4b. Service Type <input checked="" type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail <input checked="" type="checkbox"/> Return Receipt for Merchandise	
6. Signature (Agent)		7. Date of Delivery <b>11-6-92</b>	
		8. Addressee's Address (Only if requested and fee is paid)	

PS Form 3811, November 1990 U.S. GPO: 1991-287-066 **DOMESTIC RETURN RECEIPT**

<b>SENDER</b> Complete items 1 and/or 2 for additional services. Complete items 3, and 4a & b. Print your name and address on the reverse of this form so that we can return this card to you. Attach this form to the front of the mailpiece, or on the back if space does not permit. Write "Return Receipt Requested" on the mailpiece below the article number. The Return Receipt Fee will provide you the signature of the person delivered to and the date of delivery.		I also wish to receive the following services (for an extra fee): 1. <input type="checkbox"/> Addressee's Address 2. <input type="checkbox"/> Restricted Delivery Consult postmaster for fee.	
3. Article Addressed to: <b>Merrion O. La Gas</b> <b>610 Reilly Ave</b> <b>Farmington, N.M. 87401</b>		4a. Article Number <b>689</b>	
5. Signature (Addressee)		4b. Service Type <input checked="" type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail <input checked="" type="checkbox"/> Return Receipt for Merchandise	
6. Signature (Agent) <b>Martha La Gas</b>		7. Date of Delivery <b>11-6</b>	
		8. Addressee's Address (Only if requested and fee is paid)	

PS Form 3811, November 1990 U.S. GPO: 1991-287-066 **DOMESTIC RETURN RECEIPT**

PS Form 3800, June 1991

Sent to	Oryx	
Street and No.		
P.O., State and ZIP Code		
Postage	\$	
Certified Fee		
Special Delivery Fee		
Restricted Delivery Fee		
Return Receipt Showing to Whom & Date Delivered		
Return Receipt Showing Date, and Addressee's Address		
TOTAL Postage & Fees		
Postmark or Date	NOV 3 1992	

**Receipt for Certified Mail**  
 No Insurance Coverage Provided  
 Do not use for International Mail  
 (See Reverse)

P 144 990 687

**Apacorp**  
 CORPORATION

304 N. BEHREND  
 FARMINGTON, NM 87400

**CERTIFIED MAIL**  
 P 144 990 687



INS. ADD. FROM 75206-9800  
 ORYX ENERGY CO. 23  
 8150 N. CENTRAL EXPWY  
 DALLAS, TX 75221

NO SUCH #  
 FOR  
 ROUTE #  
 CARRIER INITIALS

8150 N CENT 22091811 \*\* CR 0632  
 \*\*\*\*\* AUTOMATED MAIL (HUN) \*\*\*\*\*  
 8150 N CENTRAL EXPY  
 DALLAS TX 75206-1802



- 1 -  
DWAIGHTS CD-ROM PROPERTY LISTING  
30-Oct-1992

STATE, COUNTY LOCATION	FIELD RESERVOIR	OPERATOR	WELL/LEASE INFORMATION
NM RIO ARriba 10J 24N 2W	GAVILAN (MANCOS) MANCOS	MK ORYX ENERGY CO	GREENER GRASS RCI: 151.039 24N02W10JPCKM API: 30-039-23603-00 WELL#:000001 STATUS: LAST PROD DATE: 07/89
NM RIO ARriba 11F 24N 2W	GAVILAN (MANCOS) MANCOS	MK M W PETROLEUM CORP	OSO CANYON FED B RCI: 151.039 24N02W11F00MK API: 30-039-23521-00 WELL#:000001 STATUS: LAST PROD DATE: 05/92
NM RIO ARriba 111 24N 2W	GAVILAN (MANCOS) MANCOS	MK ORYX ENERGY CO	BOYT & LOLA RCI: 151.039 24N02W11100MK API: 30-039-23583-00 WELL#:000001 STATUS: LAST PROD DATE: 09/87
NM RIO ARriba 12B 24N 2W	GAVILAN (NACIMIENTO) NACIMIENTO	NC GRAHAM ROYALTY LTD	FEDERAL 12 RCI: 251.039 24N02W12B00NC API: 30-039-22129-00 WELL#:000031 STATUS: LAST PROD DATE: 04/92
NM RIO ARriba 12C 24N 2W	GAVILAN (NACIMIENTO) NACIMIENTO	NC MCHUGH JEROME P & A	BIG HIT RCI: 251.039 24N02W12CPKNC API: 30-039-22497-00 WELL#:000012 STATUS: LAST PROD DATE: 09/82
NM RIO ARriba 12D 24N 2W	GAVILAN (MANCOS) MANCOS	MK ORYX ENERGY CO	BOYT & LOLA A RCI: 151.039 24N02W12DPCKM API: 30-039-23584-00 WELL#:000002 STATUS: LAST PROD DATE: 12/90
NM RIO ARriba 12J 24N 2W	GAVILAN (MANCOS) MANCOS	MK BENSON MONTIN GREER	TWILIGHT ZONE RCI: 151.039 24N02W12J00MK API: 30-039-23606-00 WELL#:000001 STATUS: LAST PROD DATE: 01/87
NM RIO ARriba 13F 24N 2W	UNDESIGNATED (GALLUP) GALLUP	GP MERRION OIL & GAS C	OSO CANYON GAS COM C RCI: 151.039 24N02W13F00GP API: 30-039-23604-00 WELL#:000001 STATUS: LAST PROD DATE: 07/85
NM RIO ARriba 13F 24N 2W	GAVILAN (MANCOS) MANCOS	MK MERRION OIL & GAS C	OSO CANYON GAS COM C RCI: 151.039 24N02W13F00MK API: 30-039-23604-00 WELL#:000001 STATUS: LAST PROD DATE: 12/90
NM RIO ARriba 14F 24N 2W	GAVILAN (MANCOS) MANCOS	MK M W PETROLEUM CORP	OSO CANYON FEDERAL A RCI: 151.039 24N02W14F00MK API: 30-039-23522-00 WELL#:000001 STATUS: LAST PROD DATE: 10/89
NM RIO ARriba 14K 24N 2W	UNDESIGNATED (GALLUP) GALLUP	GP MERRION OIL & GAS C	KRYSTINA RCI: 151.039 24N02W14K00GP API: 30-039-23572-00 WELL#:000001 STATUS: LAST PROD DATE: 07/85
NM RIO ARriba 14K 24N 2W	GAVILAN (MANCOS) MANCOS	MK MERRION OIL & GAS C	KRYSTINA RCI: 151.039 24N02W14K00MK API: 30-039-23572-00 WELL#:000001 STATUS: LAST PROD DATE: 01/92
NM RIO ARriba 14O 24N 2W	BLANCO SOUTH (PICTURE CLIFFS) PICTURE CLIFFS	PC EL PASO NATURAL GAS	FEDERAL RCI: 251.039 24N02W14OPAPC API: 30-039-00000-00 WELL#:000004 STATUS: LAST PROD DATE: 03/70
NM RIO ARriba 18C 24N 2W	BLANCO SOUTH (PICTURE CLIFFS) PICTURE CLIFFS	PC MERIDIAN OIL INC	LINDRITH UNIT RCI: 251.039 24N02W18C00PC API: 30-039-05501-00 WELL#:000030 STATUS: LAST PROD DATE: 05/92

DWIGHTS CO-ROD PROPERTY LISTING  
30-Oct-1992

STATE, COUNTY LOCATION	FIELD RESERVOIR	OPERATOR	WELL/LEASE INFORMATION
NM RIO ARriba 186 24N 2W	BLANCO SOUTH (PICTURE CLIFFS) PICTURE CLIFFS	PC MERIDIAN OIL INC	LINDRITH UNIT RCI: 251.039, 24N02418G00PC API: 30-039-21793-00 WELL#:000094 STATUS: LAST PROD DATE: 05/92
NM RIO ARriba 18K 24N 2W	BLANCO SOUTH (PICTURE CLIFFS) PICTURE CLIFFS	PC MERIDIAN OIL INC	LINDRITH UNIT RCI: 251.039, 24N02418K00PC API: 30-039-20912-00 WELL#:000079 STATUS: LAST PROD DATE: 02/89
NM RIO ARriba 180 24N 2W	BLANCO SOUTH (PICTURE CLIFFS) PICTURE CLIFFS	PC MERIDIAN OIL INC	LINDRITH UNIT RCI: 251.039, 24N02418000PC API: 30-039-22740-00 WELL#:000104 STATUS: LAST PROD DATE: 05/92
NM RIO ARriba 190 24N 2W	BLANCO SOUTH (PICTURE CLIFFS) PICTURE CLIFFS	PC MERIDIAN OIL INC	LINDRITH UNIT RCI: 251.039, 24N02419000PC API: 30-039-05404-00 WELL#:000022 STATUS: LAST PROD DATE: 05/92
NM RIO ARriba 196 24N 2W	BLANCO SOUTH (PICTURE CLIFFS) PICTURE CLIFFS	PC MERIDIAN OIL INC	LINDRITH UNIT RCI: 251.039, 24N02419600PC API: 30-039-20630-00 WELL#:000073 STATUS: LAST PROD DATE: 05/92
NM RIO ARriba 191 24N 2W	BLANCO SOUTH (PICTURE CLIFFS) PICTURE CLIFFS	PC MERIDIAN OIL INC	LINDRITH UNIT RCI: 251.039, 24N02419100PC API: 30-039-05369-00 WELL#:000005 STATUS: LAST PROD DATE: 05/92
NM RIO ARriba 19K 24N 2W	BLANCO SOUTH (PICTURE CLIFFS) PICTURE CLIFFS	PC MERIDIAN OIL INC	LINDRITH UNIT RCI: 251.039, 24N02419K00PC API: 30-039-20017-00 WELL#:000067 STATUS: LAST PROD DATE: 05/92
NM RIO ARriba 22A 24N 2W	BLANCO SOUTH (PICTURE CLIFFS) PICTURE CLIFFS	PC MERRION OIL & GAS C	EAST LINDRITH RCI: 251.039, 24N02422A00PC API: 30-039-22021-00 WELL#:000001 STATUS: LAST PROD DATE: 05/92
NM RIO ARriba 22M 24N 2W	BLANCO SOUTH (PICTURE CLIFFS) PICTURE CLIFFS	PC MERIDIAN OIL INC	LINDRITH UNIT RCI: 251.039, 24N02422M00PC API: 30-039-23607-00 WELL#:000108 STATUS: LAST PROD DATE: 05/92
NM RIO ARriba 220 24N 2W	BLANCO SOUTH (PICTURE CLIFFS) PICTURE CLIFFS	PC DUGAN PRODUCTION CO	COBH RCI: 251.039, 24N02422000PC API: 30-039-23743-00 WELL#:000001 STATUS: LAST PROD DATE: 05/92
NM RIO ARriba 23C 24N 2W	BLANCO SOUTH (PICTURE CLIFFS) PICTURE CLIFFS	PC GILBREATH NORMAN LE	FRANK C. FEDERAL RCI: 251.039, 24N02423C00PC API: 30-039-05417-00 WELL#:000001 STATUS: LAST PROD DATE: 07/81
NM RIO ARriba 23G 24N 2W	BLANCO SOUTH (PICTURE CLIFFS) PICTURE CLIFFS	PC EL PASO NATURAL GAS	FEDERAL RCI: 251.039, 24N02423G00PC API: 30-039-05625-00 WELL#:000002 STATUS: LAST PROD DATE: 00/67
NM RIO ARriba 23K 24N 2W	BLANCO SOUTH (PICTURE CLIFFS) PICTURE CLIFFS	PC FUNDINGSLAND E L	SUNICO FEDERAL RCI: 251.039, 24N02423K00PC API: 30-039-05374-00 WELL#:000017 STATUS: LAST PROD DATE: 09/83
NM RIO ARriba 23P 24N 2W	BLANCO SOUTH (PICTURE CLIFFS) PICTURE CLIFFS	PC EL PASO NATURAL GAS	FEDERAL RCI: 251.039, 24N02423P00PC API: 30-039-00000-00 WELL#:000005 STATUS: LAST PROD DATE: 03/70

DWIGHTS CD-ROM PROPERTY LISTING  
30-Oct-1992

STATE, COUNTY LOCATION	FIELD RESERVOIR	OPERATOR	WELL/LEASE INFORMATION
NM RIO ARriba 24E 24N 2W	UNDESIGNATED (GALLUP) GALLUP	GP AMOCO PRODUCTION CO	AMOCO FEDERAL OSO CANYON RCI: 151.039, 24N02W24E00GP API: 30-039-23441-00 WELL#:000001 STATUS: LAST PROD DATE: 06/86
NM RIO ARriba 24E 24N 2W	UNDESIGNATED (DAKOTA) DAKOTA	DK AMOCO PRODUCTION CO	AMOCO FEDERAL OSO CANYON RCI: 151.039, 24N02W24E00DK API: 30-039-23441-00 WELL#:000001 STATUS: LAST PROD DATE: 04/85
NM RIO ARriba 24E 24N 2W	RIO ARriba (GALLUP) GALLUP	GP M W PETROLEUM CORP	AMOCO FEDERAL OSO CANYON RCI: 251.039, 24N02W24E00GP API: 30-039-23441-00 WELL#:000001 STATUS: LAST PROD DATE: 05/90
NM RIO ARriba 24E 24N 2W	BLANCO SOUTH (PICTURE CLIFFS) PICTURE CLIFFS	PC EL PASO NATURAL GAS	ABRAHAM E RCI: 251.039, 24N02W24E0EPC API: 30-039-00000-00 WELL#:000001 STATUS: LAST PROD DATE: 01/69
NM RIO ARriba 24G 24N 2W	BLANCO SOUTH (PICTURE CLIFFS) PICTURE CLIFFS	PC EL PASO NATURAL GAS	ABRAHAM E RCI: 251.039, 24N02W24GPAPC API: 30-039-05376-00 WELL#:000002 STATUS: LAST PROD DATE: 06/69
NM RIO ARriba 24N 24N 2W	BLANCO SOUTH (PICTURE CLIFFS) PICTURE CLIFFS	PC DYNA RAY OIL & GAS	HILL ABRAHAM RCI: 251.039, 24N02W24MPEPC API: 30-039-00000-00 WELL#:000001 STATUS: LAST PROD DATE: 11/70
NM RIO ARriba 24N 24N 2W	UNDESIGNATED (GALLUP) GALLUP	GP MERRION OIL & GAS C	ROCKY MOUNTAIN RCI: 151.039, 24N02W24N00GP API: 30-039-23608-00 WELL#:000001 STATUS: LAST PROD DATE: 05/92
NM RIO ARriba 24O 24N 2W	BLANCO SOUTH (PICTURE CLIFFS) PICTURE CLIFFS	PC KERNS OIL & GAS INC	ABRAHAM FEDERAL RCI: 251.039, 24N02W24O00PC API: 30-039-05356-00 WELL#:000003 STATUS: LAST PROD DATE: 05/92
NM RIO ARriba 25B 24N 2W	BLANCO SOUTH (PICTURE CLIFFS) PICTURE CLIFFS	PC TEXACO EXPL & PROD	ANDERSON A RCI: 251.039, 24N02W25B00PC API: 30-039-05324-00 WELL#:000001 STATUS: LAST PROD DATE: 05/92
NM RIO ARriba 25C 24N 2W	BLANCO SOUTH (PICTURE CLIFFS) PICTURE CLIFFS	PC GILBREATH NORMAN LE	CHARLIE G. FEDERAL RCI: 251.039, 24N02W25C00PC API: 30-039-05323-00 WELL#:000003 STATUS: LAST PROD DATE: 12/85
NM RIO ARriba 25L 24N 2W	BLANCO SOUTH (PICTURE CLIFFS) PICTURE CLIFFS	PC TEXACO EXPL & PROD	ANDERSON A RCI: 251.039, 24N02W25L00PC API: 30-039-05219-00 WELL#:000003 STATUS: LAST PROD DATE: 05/92
NM RIO ARriba 25P 24N 2W	BLANCO SOUTH (PICTURE CLIFFS) PICTURE CLIFFS	PC TEXACO INC	ANDERSON A RCI: 251.039, 24N02W25PPKPC API: 30-039-05286-00 WELL#:000002 STATUS: LAST PROD DATE: 01/73
NM RIO ARriba 26I 24N 2W	BLANCO SOUTH (PICTURE CLIFFS) PICTURE CLIFFS	PC FUNDINGSLAND E L	SUNICO FEDERAL RCI: 251.039, 24N02W26I00PC API: 30-039-05296-00 WELL#:000019 STATUS: LAST PROD DATE: 05/92
NM RIO ARriba 26K 24N 2W	BLANCO SOUTH (PICTURE CLIFFS) PICTURE CLIFFS	PC MERRION OIL & GAS C	EAST LINDRITH RCI: 251.039, 24N02W26K00PC API: 30-039-22449-00 WELL#:000006 STATUS: LAST PROD DATE: 05/92

- 4 -  
DWIGHTS CO-ROW PROPERTY LISTING  
30-Oct-1992

STATE, COUNTY LOCATION	FIELD RESERVOIR	OPERATOR	WELL/LEASE INFORMATION
NM RIO ARRIBA 30F 24N 2W	BLANCO SOUTH (PICTURE CLIFFS) PICTURE CLIFFS	PC MERIDIAN OIL INC	LINDRITH UNIT RCI: 251,039,24N02M30F00PC API: 30-039-20016-00 WELL#:000066 STATUS: LAST PROD DATE: 05/92
NM RIO ARRIBA 30H 24N 2W	BLANCO SOUTH (PICTURE CLIFFS) PICTURE CLIFFS	PC MERIDIAN OIL INC	LINDRITH UNIT RCI: 251,039,24N02M30HPKC API: 30-039-20015-00 WELL#:000065 STATUS: LAST PROD DATE: 02/87
NM RIO ARRIBA 30N 24N 2W	BLANCO SOUTH (PICTURE CLIFFS) PICTURE CLIFFS	PC MERIDIAN OIL INC	LINDRITH UNIT RCI: 251,039,24N02M30N00PC API: 30-039-05276-00 WELL#:000047 STATUS: LAST PROD DATE: 05/92
NM RIO ARRIBA 30P 24N 2W	BLANCO SOUTH (PICTURE CLIFFS) PICTURE CLIFFS	PC MERIDIAN OIL INC	LINDRITH UNIT RCI: 251,039,24N02M30P00PC API: 30-039-20014-00 WELL#:000064 STATUS: LAST PROD DATE: 05/92

DMLIGHTS CD-ROM PROPERTY LISTING  
20-NOV-1992

STATE COUNTY LOCATION	FIELD RESERVOIR	OPERATOR	WELL/LEASE INFORMATION
NM RIO ARriba 1W	BLANCO SOUTH (PICTURE CLIFFS) PICTURE CLIFFS	PC KERNIS OIL & GAS INC	AGRAMAN FEDERAL ACT: 251,039,24ND1NG0F00PC API: 30-039-05310-00 WELL#:000002 STATUS: 03/88 LAST PROD DATE: 03/88
NM RIO ARriba 1W	BLANCO SOUTH (PICTURE CLIFFS) PICTURE CLIFFS	PC FUNDINGSLAND E L	SUNICO FEDERAL ACT: 251,039,24ND1NG0100PC API: 30-039-02120-00 WELL#:000003 STATUS: 05/92 LAST PROD DATE: 05/92

Nothing found in Sec. 7, 18, or 19

Post-It™ brand fax transmittal memo 7671		# of pages 1
To	From	
Co.	Co.	
Dept.	Phone #	
Fax #	Fax #	



ATTACHMENT 'H'

H-1 Ownership interests in OSO CANYON FEDERAL A 1.

Date: 09/10/91  
Time: 17:07

Completed: Y  
Need update: N

-----BASIC INFORMATION-----  
ID: 310 Related ID:

```
ID: 310 Related ID: RM Date: 9101 AMOUNT ESC  
Lease name: OSO CANYON FED A 1 Oil price: 20.00 2  
Well name: MANCOS Lease code: FM Gas price: 1.600 6  
Field name: GAVILAN MANCOS Econ dt: 3rd price:  
Operator: MM PETROLEUM BIU adj: Mon costs: 0 25  
County: RIO ARRIBA State: NM Per well:  
Res cat: 114 Econ rsk: Oil mktg:  
Maj prod: OIL Risk mthd: R Gas mltg:  
Other id: WZ115801116043801RFM*****AD*****9125*****G*  
Template: xxxxxxxxxxxxaaaaaaaaabccdeeeefffggghhhjjkkllmmnnnnrrrppqqssssttttuuv  
Comments: 14 - 24N- 2W. SI SINCE 10/89
```

-----INTEREST DATA-----	
POINT	BURDEN ON PI CAS OF
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2	100
3	100
4	100
5	100
6	100
7	100
8	100
9	100
10	100
11	100
12	100
13	100
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90	100
91	100
92	100
93	100
94	100
95	100
96	100
97	100
98	100
99	100
100	100

R T	REVPOINT	BURDEN	OIL RI	GAS RI	WORKING	TANG	INTANG	ENTY
0	0.125000	0.875000	0.875000	1.000000	1.000000	1.000000		

## -----TAX DATA-----

	ADV	SEV	VOL
Oil:	0.01500	0.07100	0.000
Gas:	0.01500	0.07100	0.000

---WELL COUNT---

DATE	COUNT	ESC
	1	

CUMULATIVES-----

Dollars:	0
BBL:	377
MCF:	0

## Date: 8911 -----

```

Date: 8911 -----PRODUCT
P D H      aI      aI      I
G L N      0      0      1
N

```

LINE DATA-----	RATIO DATA-----
VOLUME IS CTC UNO N	D T REC RATIO END RATIO EOC
	CTL

```

LINE DATA----- RATIO DATA----- CTL
VOLUME LS RTO HYP N P T BEG RATIO END RATIO ESC

```

	AMOUNT FOR	COST ITEMS
DATE	DATE	AMOUNT

DATE T	AMOUNT ESC RSK	DATE T	AMOUNT ESC RSK
CUST IDERS			



STATE OF NEW MEXICO

ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

RECEIVED

OIL CONSERVATION DIVISION

AZTEC DISTRICT OFFICE

'92 DEC 29 AM 9 16

1000 RIO BRAZOS ROAD  
AZTEC, NEW MEXICO 87410  
(505) 334-6178

Date: 12-21-92

att m: Ben Stone

Oil Conservation Division  
P.O. Box 2088  
Santa Fe, NM 87504-2088

RE: Proposed MC \_\_\_\_\_  
Proposed NSL \_\_\_\_\_  
Proposed WFX \_\_\_\_\_  
Proposed NSP \_\_\_\_\_

Proposed DIIC X \_\_\_\_\_  
Proposed SWD \_\_\_\_\_  
Proposed PMX \_\_\_\_\_  
Proposed DD \_\_\_\_\_

Gentlemen:

I have examined the application received on 12-16-92  
for the MW PETROLEUM CORP.  
OPERATOR LEASE & WELL NO.

F-14-24N-2W and my recommendations are as follows:  
UL-S-T-R

Approved

Yours truly,

Eric Bracha