

DATE IN 4/7/00	SUSPENSE 4/27/00	ENGINEER DC	LOGGED KV	TYPE DHC
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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
- Engineering Bureau -

2722

ADMINISTRATIVE APPLICATION COVERSHEET

THIS COVERSHEET IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS

Application Acronyms:

[NSP-Non-Standard Proration Unit] [NSL-Non-Standard Location]
[DD-Directional Drilling] [SD-Simultaneous Dedication]
[DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
[PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
[WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
[SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
[EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

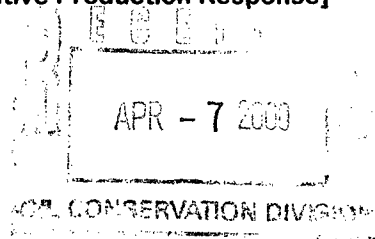
[1] **TYPE OF APPLICATION - Check Those Which Apply for [A]**

[A] Location - Spacing Unit - Directional Drilling
NSL NSP DD SD

Check One Only for [B] and [C]

[B] Commingling - Storage - Measurement
X DHC CTB PLC PC OLS OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
WFX PMX SWD IPI EOR PPR



[2] **NOTIFICATION REQUIRED TO: - Check Those Which Apply, or Does Not Apply**

- [A] X Working, Royalty or Overriding Royalty Interest Owners
- [B] Offset Operators, Leaseholders or Surface Owner
- [C] Application is One Which Requires Published Legal Notice
- [D] X Notification and/or Concurrent Approval by BLM or SLO
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
- [E] For all of the above, Proof of Notification or Publication is Attached, and/or,
- [F] Waivers are Attached

[3] **INFORMATION / DATA SUBMITTED IS COMPLETE - Statement of Understanding**

I hereby certify that I, or personnel under my supervision, have read and complied with all applicable Rules and Regulations of the Oil Conservation Division. Further, I assert that the attached application for administrative approval is accurate and complete to the best of my knowledge and where applicable, verify that all interest (WI, RI, ORRI) is common. I understand that any omission of data, information or notification is cause to have the application package returned with no action taken.

Note: Statement must be completed by an individual with supervisory capacity.

Peggy Cole

Print or Type Name

Signature

Regulatory/Compliance Administrator

Title

Date

DISTRICT I

1825 N. French Dr., Hobbs, NM 88240

DISTRICT II

811 South First St., Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd, Aztec, NM 87410

DISTRICT IV

2040 S. Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 S. Pacheco
Santa Fe, New Mexico 87505-6429

APPLICATION FOR DOWNHOLE COMMINGLING

Form C-107-A
Revised March 17, 1999

APPROVAL PROCESS:

☒ Administrative ☐ Hearing

EXISTING WELLBORE

☒ YES ☐ NO

BURLINGTON RESOURCES OIL & GAS COMPANY

PO Box 4289, Farmington, NM 87499

Operator

Address

Huerfano Unit

549

A, Sec 33, T27N, R10W

San Juan

Lease

Well No.

Unit Ltr. - Sec - Twp - Rge

County

Spacing Unit Lease Types: (check 1 or more)

OGRID NO. 14538 Property Code 7139 API NO. 30-045-28943 Federal ☒ State ☐ (and/or) Fee ☐

The following facts are submitted in support of downhole commingling:	Upper Zone	Intermediate Zone	Lower Zone
1. Pool Name and Pool Code	Basin Fruitland Coal - 71629		Kutz West Pictured Cliffs - 79680
2. Top and Bottom of Pay Section (Perforations)	1692' - 1852'		1860' - 1872'
3. Type of production (Oil or Gas)	Gas		Gas
4. Method of Production (Flowing or Artificial Lift)	Flowing		Flowing
5. Bottomhole Pressure Oil Zones - Artificial Lift: Gas & Oil - Flowing: All Gas Zones: Estimated Current Measured Current Estimated Or Measured Original	(Current) a. 86 psia @ 1771' (Original) b. 195 psia @ 1771'	a. b.	a. 64 psia @ 1866' b. 196 psia @ 1866'
6. Oil Gravity (EAPI) or Gas BTU Content	1026 BTU		1033 BTU
7. Producing or Shut-In?	Producing		Producing
Production Marginal? (yes or no)	Yes		Yes
* If Shut-In, give date and oil/gas/water rates of last production Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data	Date: Rates:	Date: Rates:	Date: Rates:
* If Producing, give date and oil/gas/water rates of recent test (within 60 days)	Date: 01/31/00 Rates: 11 MCFD 0 BOD, 0 BWD	Date: Rates:	Date: 01/31/00 Rates: 338 MCFD, 0 BOD, 0 BWD
8. Fixed Percentage Allocation Formula - % for each zone (total of %s to equal 100%)	Oil: Gas: Will supply for commingling	Oil: % Gas: %	Oil: Gas: Will supply for commingling

9. If allocation formula is based upon something other than current or past production, or is based upon some other method, submit attachments with supporting data and/or explaining method and providing rate projections or other required data.
10. Are all working, overriding, and royalty interests identical in all commingled zones? ☒ Yes ☐ No
If not, have all working, overriding, and royalty interests been notified by certified mail? ☒ Yes ☐ No
11. Will cross-flow occur? ☒ Yes ☐ No If yes, are fluids compatible, will the formations not be damaged, will any cross-flowed production be recovered, and will the allocation formula be reliable. ☒ Yes ☐ No (If No, attach explanation)
12. Are all produced fluids from all commingled zones compatible with each other? ☒ Yes ☐ No
13. Will the value of production be decreased by commingling? ☐ Yes ☒ No (If Yes, attach explanation)
14. If this well is on, or communitized with, state or federal lands, either the Commissioner of Public Lands or the United States Bureau of Land Management has been notified in writing of this application. ☒ Yes ☐ No
15. NMOCD Reference Cases for Rule 303(D) Exceptions: ORDER NO(S) _____
16. ATTACHMENTS:
- * C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
 - * Production curve for each zone for at least one year. (If not available, attach explanation.)
 - * For zones with no production history, estimated production rates and supporting data.
 - * Data to support allocation method or formula.
 - * Notification list of working, overriding, and royalty interests for uncommon interest cases.
 - * Any additional statements, data, or documents required to support commingling.

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

SIGNATURE [Signature] TITLE Operations Engineer DATE 07/05/00
TYPE OR PRINT NAME Joe A. Michetti TELEPHONE NO. (505) 326-9700

nco

Certificate Number

Submit to Asst. Sec.
District Office
State Leases - 4 copies
Fee Leases - 3 copies

State of New Mexico
Energy, Mineral and Natural Resources Department

Form C-102
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

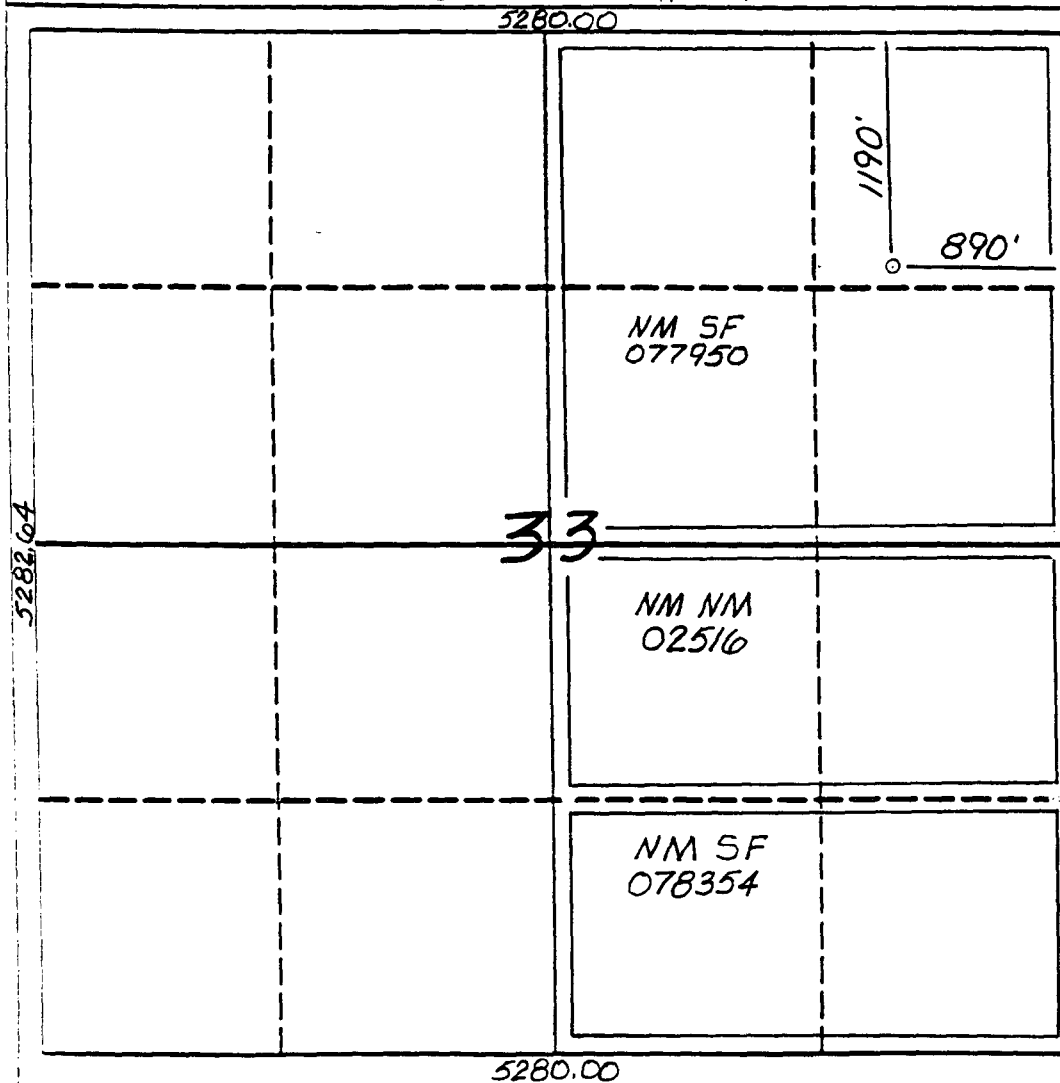
All Distances must be from the outer boundaries of the section

Operator Meridian Oil Inc.		Lease Huerfano Unit		Well No. 549
Unit Letter A	Section 33	Township 27 North	Range 10 West	County San Juan
Actual Footage Location of Well: 1190 North line and 890 East line feet from the line and feet from the line				
Ground level Elev. 6159'	Producing Formation		Pool	Dedicated Acreage Acres

- Outline the acreage dedicated to the subject well by colored pencil or inkature marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communication, 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 communication, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.



OPERATOR CERTIFICATION

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

Signature

Printed Name

Position

Company

Date

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes 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.

11/13/92

Date Surveyed

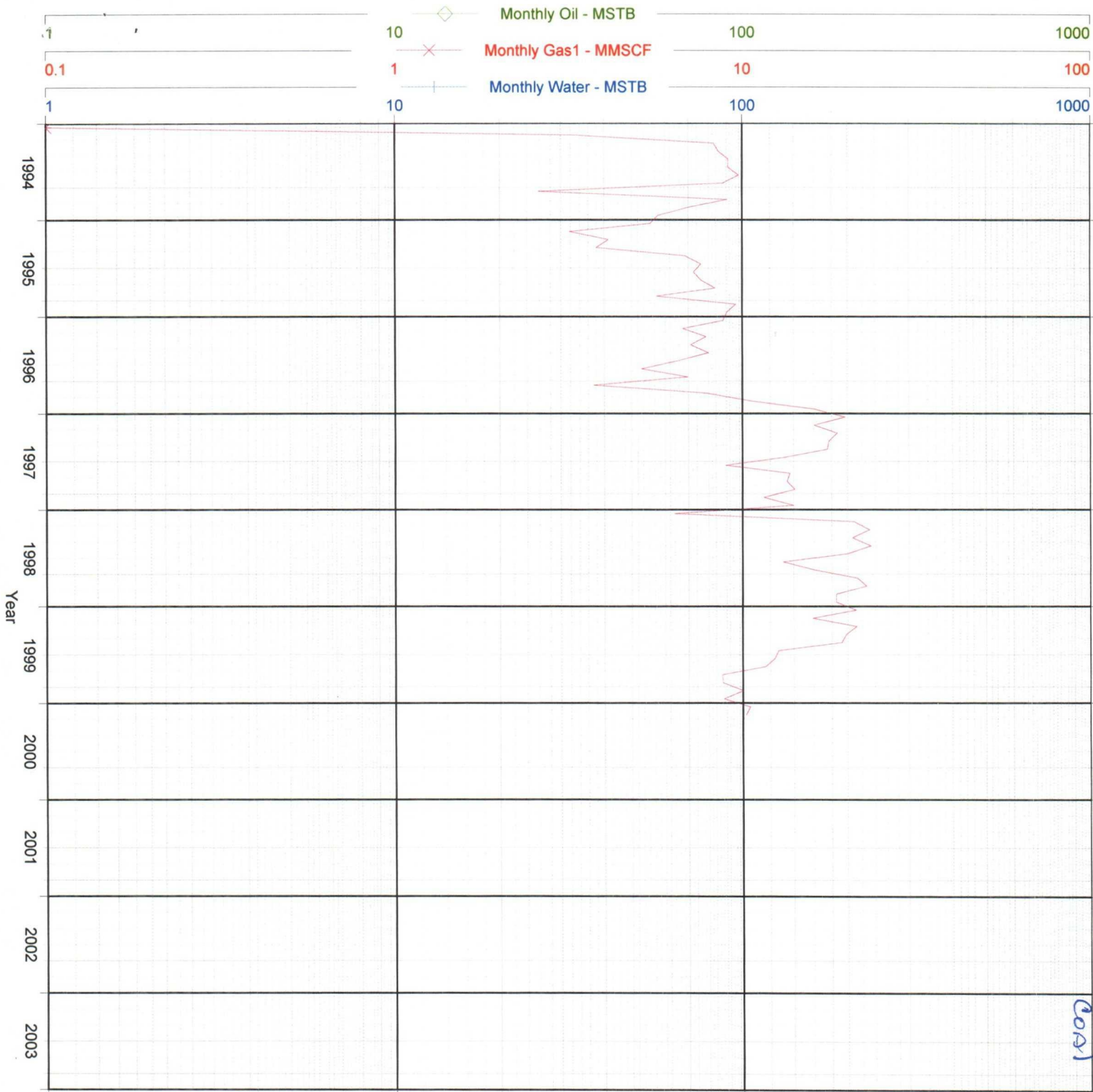
Needle C. Edwards

Signature of State Professional Surveyor

6857

Certificate No.

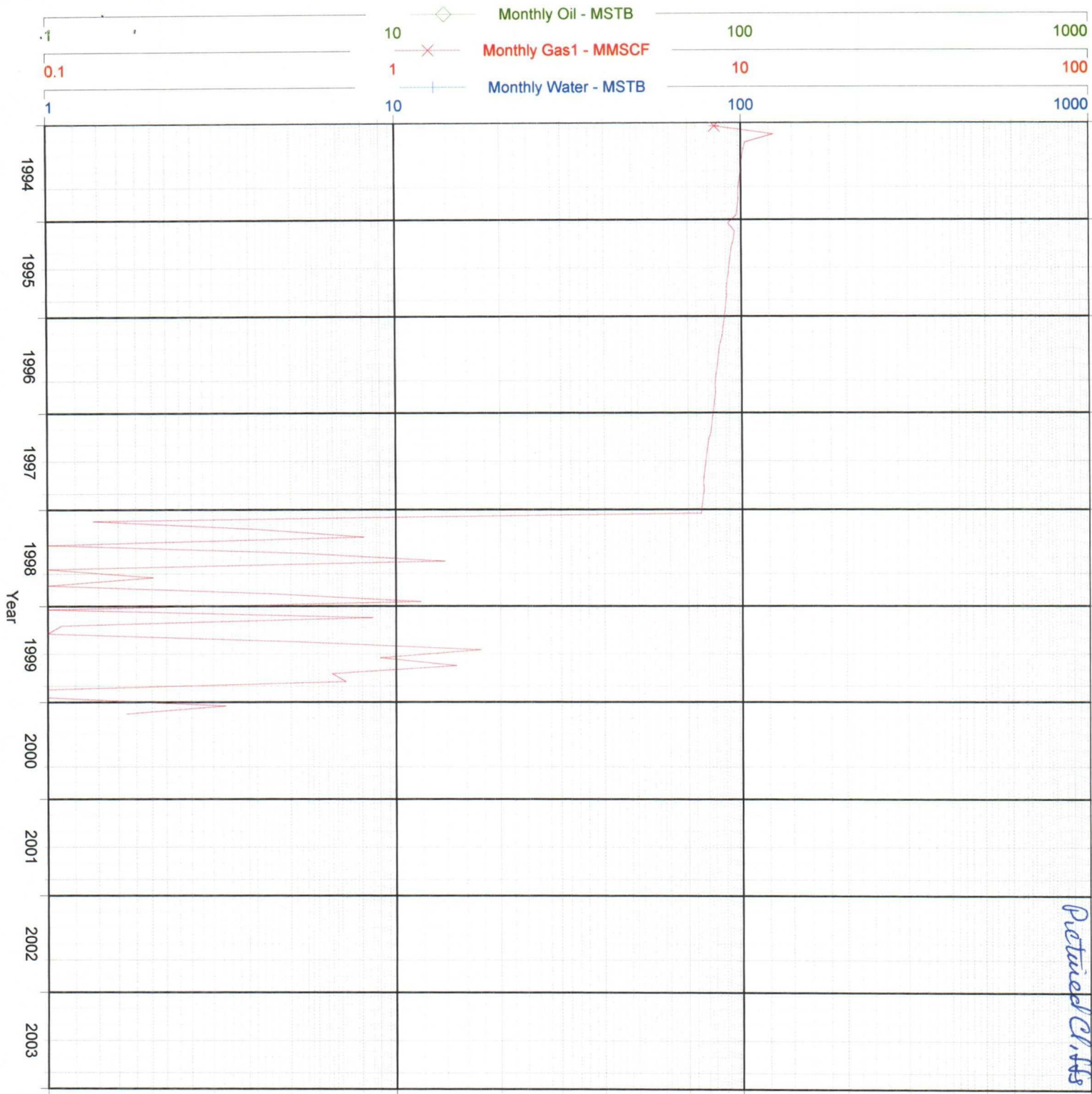
6857



Monthly Oil - MSTB
Cum: 0 MSTB

Monthly Gas1 - MMSCF
Cum: 849 418 MMSCF

Monthly Water - MSTB
Cum: 0 MSTB



Produced 21,449

Monthly Oil - MSTB
Cum: 0 MSTB

Monthly Gas1 - MMSCF
Cum: 448,933 MMSCF

Monthly Water - MSTB
Cum: 0 MSTB

STATE OF NEW MEXICO
ENERGY and MINERALS
DEPARTMENT

OIL CONSERVATION DIVISION

This form is not to
be used for reporting
packer leakage tests
in Southeast New Mexico

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator BURLINGTON RESOURCES OIL & GAS CO. Lease HUERFANO UNIT Well No. 549Location of Well: Unit A Sect 33 Twp. 027N Rge. 010W County SAN JUAN

	NAME OF RESERVOIR OR POOL	TYPE OF PROD. (Oil or Gas)	METHOD OF PROD. (Flow or Art. Lift)	PROD. MEDIUM (Tbg. or Csg.)
Upper Completion	FRUITLAND COAL	Gas	Flow	Casing
Lower Completion	PICTURED CLIFFS	Gas	Flow	Tubing

PRE-FLOW SHUT-IN PRESSURE DATA

Upper Completion	Hour, date shut-in 09/27/1999	Length of time shut-in 72 Hours	SI press. psig 83	Stabilized? (Yes or No)
Lower Completion	09/27/1999	120 Hours	62	

FLOW TEST NO. 1

Commenced at (hour,date)* 09/30/1999				Zone producing (Upper or Lower) UPPER	
TIME (hour,date)	LAPSED TIME SINCE*	PRESSURE		PROD. ZONE TEMP	REMARKS
		Upper Completion	Lower Completion		
0/01/199	96 Hours	58	26		line pressure is close to pc shutin pressure
0/02/199	120 Hours	58	48		

Production rate during test

Oil: BOPD based on _____ Bbls. in _____ Hours. _____ Grav. _____ GOR _____

Gas: _____ MCFPD; Tested thru (Orifice or Meter): _____

MID-TEST SHUT-IN PRESSURE DATA

Upper Completion	Hour, date shut-in	Length of time shut-in	SI press. psig	Stabilized? (Yes or No)
Lower Completion	Hour, date shut-in	Length of time shut-in	SI press. psig	Stabilized? (Yes or No)

(Continue on reverse side)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

FORM APPROVED
OMB NO. 1004-0137
Expires: December 31, 1991

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____
1b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REMVR. ☐ Other _____

2. NAME OF OPERATOR
Meridian Oil Inc.

3. ADDRESS AND TELEPHONE NO.
PO Box 4289, Farmington, NM 87499 505-326-9700

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 1190'FNL, 890'FEL
At top prod. interval reported below
At total depth

14. PERMIT NO. _____ DATE ISSUED _____

5. LEASE DESIGNATION AND SERIAL NO.
SF-077950
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
Huerfano Unit
8. FARM OR LEASE NAME, WELL NO
Huerfano Unit 549
9. API WELL NO.
30-045-28943
10. FIELD AND POOL, OR WILDCAT
Basin Ft Coal/Fulcher K
PC
11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA
Sec 33, T-27-N, R-10-W
NMPM
12. COUNTY OR PARISH
San Juan
13. STATE
NM

15. DATE SPUDDED 11-09-93 16. DATE T.D. REACHED 11-17-93 17. DATE COMPL. (Ready to prod.) 11-29-93 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6159'GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 2049' 21. PLUG BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY? 2 23. INTERVALS DRILLED BY 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Pictured Cliffs 1860-72' commingled R-9921 25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN
Comp Dens/GR CCL/ Dual Ind SSL/ Micro
27. WAS WELL CORED
no

28. CASING RECORD (Report all strings set in well)					
CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24.0#	221'	12 1/4"	277 cu.ft.	
4 1/2"	10.5#	2049'	7 7/8"	808 cu.ft.	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	1854'	

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
1860-72' w/4 spf (0.41"holes) 48 holes		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
		1860-72'	107,300Sand; 14,112 gal.gel N

33.* PRODUCTION
DATE FIRST PRODUCTION _____ PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) _____ WELL STATUS (Producing or shut-in) shut in
flowing, capable of commercial hydrocarbon prod.
DATE OF TEST _____ HOURS TESTED _____ CHOKED SIZE _____ PROD'N. FOR TEST PERIOD _____ OIL—BSL. _____ GAS—MCF. 344 mcf pitot gge WATER—BSL. _____ GAS-OIL RATIO _____
FLOW. TUBING PRESS. SI 188 CASING PRESSURE SI 188 CALCULATED 24-HOUR RATE _____ OIL—BSL. _____ GAS—MCF. _____ WATER—BSL. _____ OIL GRAVITY-API (CORR.) _____

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) to be sold BHP @ 1965' 239 TEST WITNESSED BY _____

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 _____ TITLE Regulatory Representative DATE 12-15-93

*(See Instructions and Spaces for Additional Data on Reverse Side) DEC 22 1993

(October 1990)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

SUBMIT IN DUPLICATE*

 (If in-
structions on
reverse side)

 FOR APPROVED
OMB NO. 1004-0137
Expires: December 31, 1991

5. LEASE DESIGNATION AND SERIAL NO

SF-077950

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Huerfano Unit8. FARM OR LEASE NAME, WELL NO.
Huerfano Unit 5499. API WELL NO.
30-045-2894310. FIELD AND POOL, OR WILDCAT
Basin Ft Coal/Fulcher K
PC11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREASec 33, T-27-N, R-10-W
NMPM12. COUNTY OR
PARISH
San Juan13. STATE
NM**WELL COMPLETION OR RECOMPLETION REPORT AND LOG***1A. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____

1B. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. CENVR. ☐ Other _____

2. NAME OF OPERATOR

Meridian Oil Inc.

3. ADDRESS AND TELEPHONE NO.

PO Box 4289, Farmington, NM 87499 505-326-9700

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface

1190' FNL, 890' FEL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

11-09-93

16. DATE T.D. REACHED

11-17-93

17. DATE COMPL. (Ready to prod.)

11-29-93

18. ELEVATIONS (DP, RKB, RT, GR, ETC.)*

6159' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

2049'

21. PLUG, BACK T.D., MD & TVD

22. IF MULTIPLE COMPL.,

HOW MANY*

2

23. INTERVALS

DRILLED BY

ROTARY TOOLS

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

Fruitland Coal 1692-1852'

commingled R-9921

25. WAS DIRECTIONAL
SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN

Comp Dens/GR-CCL/Dual Ind SSL/Micro

27. WAS WELL CORRED

no

28. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24.0#	221'	12 1/4"	277 cu.ft.	
4 1/2"	10.5#	2049'	7 7/8"	808 cu.ft.	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	1854'	

31. PREPARATION RECORD (Interval, size and number)

 1692-1707' w/4 spf (0.41") 64 holes
 1836-52' w/4 spf (0.41") 64 holes

PC-1861

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
1692-1707'	71,900#sand; 12978 gal.gel N2
1836-1852'	60,500#sand; 12685 gal.gel N2

33.*

PRODUCTION

DATE FIRST PRODUCTION

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)

WELL STATUS (Producing or shut-in)

flowing, capable of commercial hydrocarbon prod.

shut in

DATE OF TEST

HOURS TESTED

CHOKER SIZE

PROD'N. FOR TEST PERIOD

OIL—BSL.

GAS—MCF.

WATER—BSL.

GAS-OIL RATIO

344 mcf+pitot gge

FLOW, TUBING PRESS.

CASING PRESSURE

CALCULATED 24-HOUR RATE

OIL—BSL.

GAS—MCF.

WATER—BSL.

OIL GRAVITY-API (CORR.)

SI 188

SI 188

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

to be sold

BHP @ 1965' 239

TEST WITNESSED BY

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

TITLE

Regulatory Representative

DATE

OR RECORD
12-15-93

*(See Instructions and Spaces for Additional Data on Reverse Side) DEC 22 1993

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 the jurisdiction.

OFFICIAL

24 SMC

Huerfano Unit #549
Bottom Hole Pressures
Flowing and Static BHP
Cullender and Smith Method
Version 1.0 3/13/94

Fruitland Coal		Pictured Cliffs	
<u>FRC-Current</u>		<u>PC-Current</u>	
GAS GRAVITY	0.599	GAS GRAVITY	0.599
COND. OR MISC. (C/M)	M	COND. OR MISC. (C/M)	M
%N2	0.14	%N2	0.16
%CO2	2.1	%CO2	2.11
%H2S	0	%H2S	0
DIAMETER (IN)	4.052	DIAMETER (IN)	4.052
DEPTH (FT)	1771	DEPTH (FT)	1866
SURFACE TEMPERATURE (DEG F)	60	SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	87	BOTTOMHOLE TEMPERATURE (DEG F)	87
FLOWRATE (MCFPD)	0	FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	83	SURFACE PRESSURE (PSIA)	62
BOTTOMHOLE PRESSURE (PSIA)	86.2	BOTTOMHOLE PRESSURE (PSIA)	64.5
<u>FRC-Original</u>		<u>PC-Original</u>	
GAS GRAVITY	0.599	GAS GRAVITY	0.599
COND. OR MISC. (C/M)	M	COND. OR MISC. (C/M)	M
%N2	0.14	%N2	0.16
%CO2	2.1	%CO2	2.11
%H2S	0	%H2S	0
DIAMETER (IN)	4.052	DIAMETER (IN)	4.052
DEPTH (FT)	1771	DEPTH (FT)	1866
SURFACE TEMPERATURE (DEG F)	60	SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	87	BOTTOMHOLE TEMPERATURE (DEG F)	87
FLOWRATE (MCFPD)	0	FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	188	SURFACE PRESSURE (PSIA)	188
BOTTOMHOLE PRESSURE (PSIA)	195.3	BOTTOMHOLE PRESSURE (PSIA)	195.7

Well: HUERFANO UNIT 549 3510101

Well Time Graph Report *Frutland Coal*

Date	Monthly Oil	Monthly Gas1	Monthly Water
	MSTB	MMSCF	MSTB
1998 07	---	13.06	---
1998 08	---	16.02	---
1998 09	---	21.34	---
1998 10	---	22.66	---
1998 11	---	18.55	---
1998 12	---	18.54	---
1999 01	---	21.16	---
1999 02	---	15.87	---
1999 03	---	21.20	---
1999 04	---	19.82	---
1999 05	---	19.21	---
1999 06	---	12.67	---
1999 07	---	12.36	---
1999 08	---	11.62	---
1999 09	---	8.73	---
1999 10	---	8.76	---
1999 11	---	10.05	---
1999 12	---	8.83	---
2000 01	---	10.50	---
2000 02	---	---	---
2000 03	---	---	---
2000 04	---	---	---
2000 05	---	---	---
2000 06	---	---	---
2000 07	---	---	---
2000 08	---	---	---
2000 09	---	---	---
2000 10	---	---	---
2000 11	---	---	---
2000 12	---	---	---
2001 01	---	---	---
2001 02	---	---	---
2001 03	---	---	---
2001 04	---	---	---
2001 05	---	---	---
2001 06	---	---	---
2001 07	---	---	---
2001 08	---	---	---
2001 09	---	---	---
2001 10	---	---	---
2001 11	---	---	---
2001 12	---	---	---
2002 01	---	---	---
2002 02	---	---	---
2002 03	---	---	---
2002 04	---	---	---
2002 05	---	---	---
2002 06	---	---	---
2002 07	---	---	---
2002 08	---	---	---
2002 09	---	---	---
2002 10	---	---	---
2002 11	---	---	---
2002 12	---	---	---

March 20, 2000

Merak Projects

Well: HUERFANO UNIT 549 3510102

Well Time Graph Report *PC*

Date	Monthly Oil	Monthly Gas1	Monthly Water
	MSTB	MMSCF	MSTB
1998 07	---	1.38	---
1998 08	---	0.00	---
1998 09	---	0.20	---
1998 10	---	0.08	---
1998 11	---	0.44	---
1998 12	---	1.18	---
1999 01	---	0.09	---
1999 02	---	0.86	---
1999 03	---	0.11	---
1999 04	---	0.08	---
1999 05	---	0.53	---
1999 06	---	1.75	---
1999 07	---	0.90	---
1999 08	---	1.49	---
1999 09	---	0.66	---
1999 10	---	0.72	---
1999 11	---	0.09	---
1999 12	---	0.09	---
2000 01	---	0.33	---
2000 02	---	---	---
2000 03	---	---	---
2000 04	---	---	---
2000 05	---	---	---
2000 06	---	---	---
2000 07	---	---	---
2000 08	---	---	---
2000 09	---	---	---
2000 10	---	---	---
2000 11	---	---	---
2000 12	---	---	---
2001 01	---	---	---
2001 02	---	---	---
2001 03	---	---	---
2001 04	---	---	---
2001 05	---	---	---
2001 06	---	---	---
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2001 11	---	---	---
2001 12	---	---	---
2002 01	---	---	---
2002 02	---	---	---
2002 03	---	---	---
2002 04	---	---	---
2002 05	---	---	---
2002 06	---	---	---
2002 07	---	---	---
2002 08	---	---	---
2002 09	---	---	---
2002 10	---	---	---
2002 11	---	---	---
2002 12	---	---	---

March 20, 2000

Merak Projects

Huerfano Unit 549
Unit A, Sec. 33, T27N R10W
San Juan County, New Mexico

Production Allocation Based On Cumulative Production Through 01/00

	Cumulative Production			% Allocation	
	MCF	Bbl Oil		% Gas	% Oil
Fruitland Coal	839	0		65%	N/A
Pictured Cliffs	449	0		35%	N/A
Total	1,288	0		100%	N/A

Gas Allocation:

Fruitland Coal (Total Fruitland Coal Production) 839 MCF

(Total Combined Production) 1,288 MCF = **65%**

Pictured Cliffs (Total Pictured Cliffs Production) 448.765 MCF

(Total Combined Production) 1287.972 MCF = **35%**

Oil Allocation:

Fruitland Coal (Total Fruitland Coal Production) 0 Bbl Oil

(Total Combined Production) 0 Bbl Oil = **N/A**

Pictured Cliffs (Total Pictured Cliffs Production) 0 Bbl Oil

(Total Combined Production) 0 Bbl Oil = **N/A**

Huerfano #549 - Commingle List

1/20/00

721/17C

ALICE JANE WEBB
AMOCO PRODUCTION COMPANY
ANNA CELIA HOWELL HILTON
BALLARD EXPLORATION CO INC
BEN HOWELL LANGFORD
CHASE BANK OF TEXAS NA
CHASE BANK OF TEXAS NA TRUSTEE
CHASE OIL CORPORATION
CONOCO INC
CORINNE MIRIAM KELLY CALDER
CORINNE ROY KELLY INDVDLY
CROSS TIMBERS OIL COMPANY
DAVID G MCLANE
DEBORAH JANE KELLY SLAUGHTER
DEOBRAH K SLAUGHTER TRUSTEE
EDWIN ROY KELLY
ELIZABETH H LUND TRUSTEE
ELIZABETH JEANNE T CALLOWAY
ELIZABETH JEANNE TURNER
EMILIE M HARDIE ROYALTY TRUST
EMILY D GRAMBLING
EVKO DEVELOPMENT COMPANY
F STEPHEN KELLY III
FIRST NATL BK & WILFRED B
FRANK D GORHAM JR
FREDERICK EUGENE TURNER
GEORGIA PETTIE
GLOBAL NATURAL RESOURCES
HUFFAKER GREEN AND HUFFAKER
J GLENN TURNER JR
JANE HARDIE TRUSTEE
JANE LOLAX
JOHN A GRAMBLING
JOHN LEE TURNER
JOHN P WINDLE PERS REP FOR THE
JOHNNIE PETTIE JR
JOSEPH C JASTRZEMBSKI
JOSEPHINE ADAMS WESTEFELD
JUDY WINDLE
KELLY MINERALS INTERESTS JV
LANGDON D HARRISON
MABELLE BRAMHALL TRUSTEE
MARY MILLICENT KELLY WEAR
MINERALS MANAGEMENT SERVICE
PATRICIA G HARVEY
R H FEUILLE
RICHARD PARKER LANGFORD
THORNTON HARDIE III TRUSTEE
VIRGINIA GIPSON
VIRGINIA M SIMMONS
WILLIAM G WEBB
WILLIAMS PRODUCTION COMPANY
ZZZ KELLY & TRUST LLC

Huerfano #549 - Commingle List
1/20/00

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