6/27/02	SUSPENSE NA	ENGINEER WJ	LOGGED IN KV	TYPE DHC	APP NO. 218253299

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
- Engineering Bureau -
1220 South St. Francis Drive, Santa Fe, NM 87505

ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [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]

JUN 27 2002

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

[A] Location - Spacing Unit - Simultaneous Dedication
☐ NSL ☐ NSP ☐ SD

Check One Only for [B] or [C]

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

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

[D] Other: Specify _____

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

[A] ☒ Working, Royalty or Overriding Royalty Interest Owners

[B] ☐ Offset Operators, Leaseholders or Surface Owner

[C] ☐ Application is One Which Requires Published Legal Notice

[D] ☒ 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] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Peggy Cole	Peggy Cole	Regulatory Supv.	6-26-02
Print or Type Name	Signature	Title	Date

pcole@br-inc.com
e-mail Address

District I
1625 N. French Drive, Hobbs, NM 88240
District II
811 South First Street, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, New Mexico 87505

APPLICATION FOR DOWNHOLE COMMINGLING

Form C-107A
Revised May 15, 2000

APPLICATION TYPE
_X_ Single Well
___ Establish Pre-Approved Pools
EXISTING WELLBORE
_X_ Yes ___ No

Burlington Resources Oil and Gas Company (Operator) P.O.Box 4289 (Address) Farmington, New Mexico 87499

San Juan (Lease) 20A (Well No.) Unit D Sec. 35, T29N, R9W (Unit Letter-Section-Township-Range) San Juan (County)

OGRID No. 14538 Property Code 7451 API No. 30-045-22752 Lease Type: _X_ Federal ___ State ___ Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Basin Fruitland Coal		Pre-Ftz Blanco Mesaverde
Pool Code	71629		72319
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	1867'-2050'		3640'-4713'
Method of Production (Flowing or Artificial Lift)	Flowing		Flowing
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)	Current Psi : 255 Original Psi: 445 (see attachment)		Current Psi : 275 Original Psi: 850 (see attachment)
Oil Gravity or Gas BTU (Degree API or Gas BTU)	BTU 1103		BTU 1280
Producing, Shut-In or New Zone	Shut-In		Flowing
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: 10/31/1998 Rates: 121 MCFD 0 BOD 0 BWD	Date: Rates:	Date: 4/30/2002 Rates: 113 MCFD 0.8 BOD 0.2 BWD
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	To Be Filed After Commingled	Oil Gas	To Be Filed After Commingled

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones? Yes_____ No__X__
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail? Yes___X__ No_____

Are all produced fluids from all commingled zones compatible with each other? Yes___X___ No_____

Will commingling decrease the value of production? Yes_____ No__X___

If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands or the United States Bureau of Land Management been notified in writing of this application? Yes___X__ No_____

NMOCD Reference Case No. applicable to this well: _____

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, royalty and overriding royalty interests for uncommon interest cases.
- Any additional statements, data or documents required to support commingling.

PRE-APPROVED POOLS

If application is to establish Pre-Approved Pools, the following additional information will be required:

List of other orders approving downhole commingling within the proposed Pre-Approved Pools
List of all operators within the proposed Pre-Approved Pools
Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application.
Bottomhole pressure data.

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

SIGNATURE Matth R Roberts TITLE Operations Engineer DATE 06/26/2002
no
TYPE OR PRINT NAME Matt Roberts TELEPHONE NO. (505) 326-9700

NEW MEXICO OIL CONSERVATION COMMISSION

LOCATION AND ACREAGE DEDIC[redacted]N PLAT

Form C-102
Supersedes C-1[illegible]
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

Operator	Lease	Well No.
Meridian Oil Inc.	SAN JUAN (NM-029146)	20A

Unit Letter	Section	Township	Range	County
D	35	29-N	9-W	SAN JUAN

Actual Footage Location of Well: 850 feet from the NORTH line and 1100 feet from the WEST line

Ground Level Elev.	Producing Formation	Pool	Dedicated Acreage
5656	Mesa Verde/Fruitland Coal	Blanco/Basin	306.10 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.

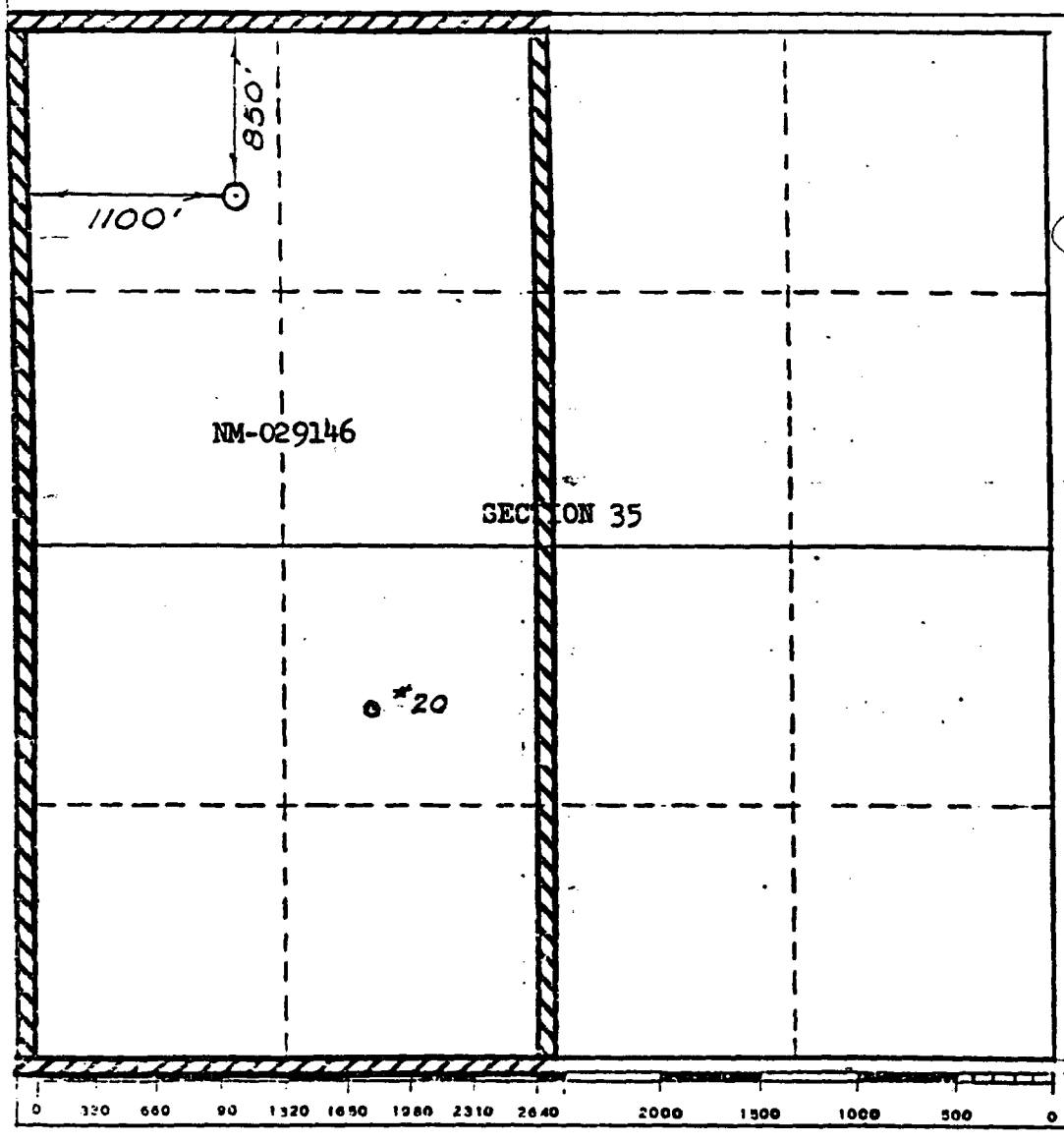
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling. etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

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

Peggy Bradfield

Name: Peggy Bradfield

Position: Meridian Oil Inc.

Company: Regulatory Affairs

Date: 9-21-93

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

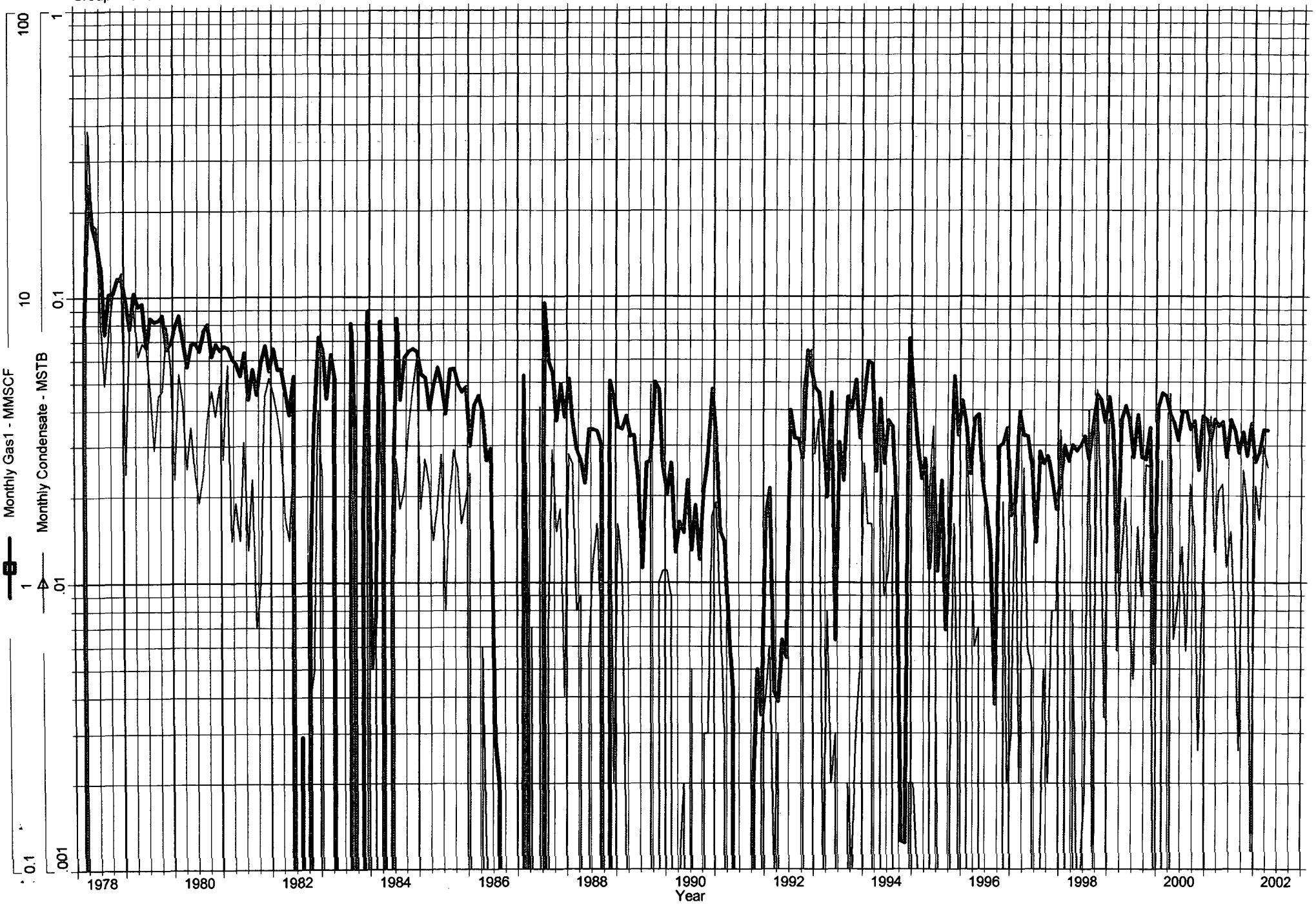
Date Surveyed: AUGUST 28, 1977

Registered Professional Engineer and/or Land Surveyor

Certificate No. 1760

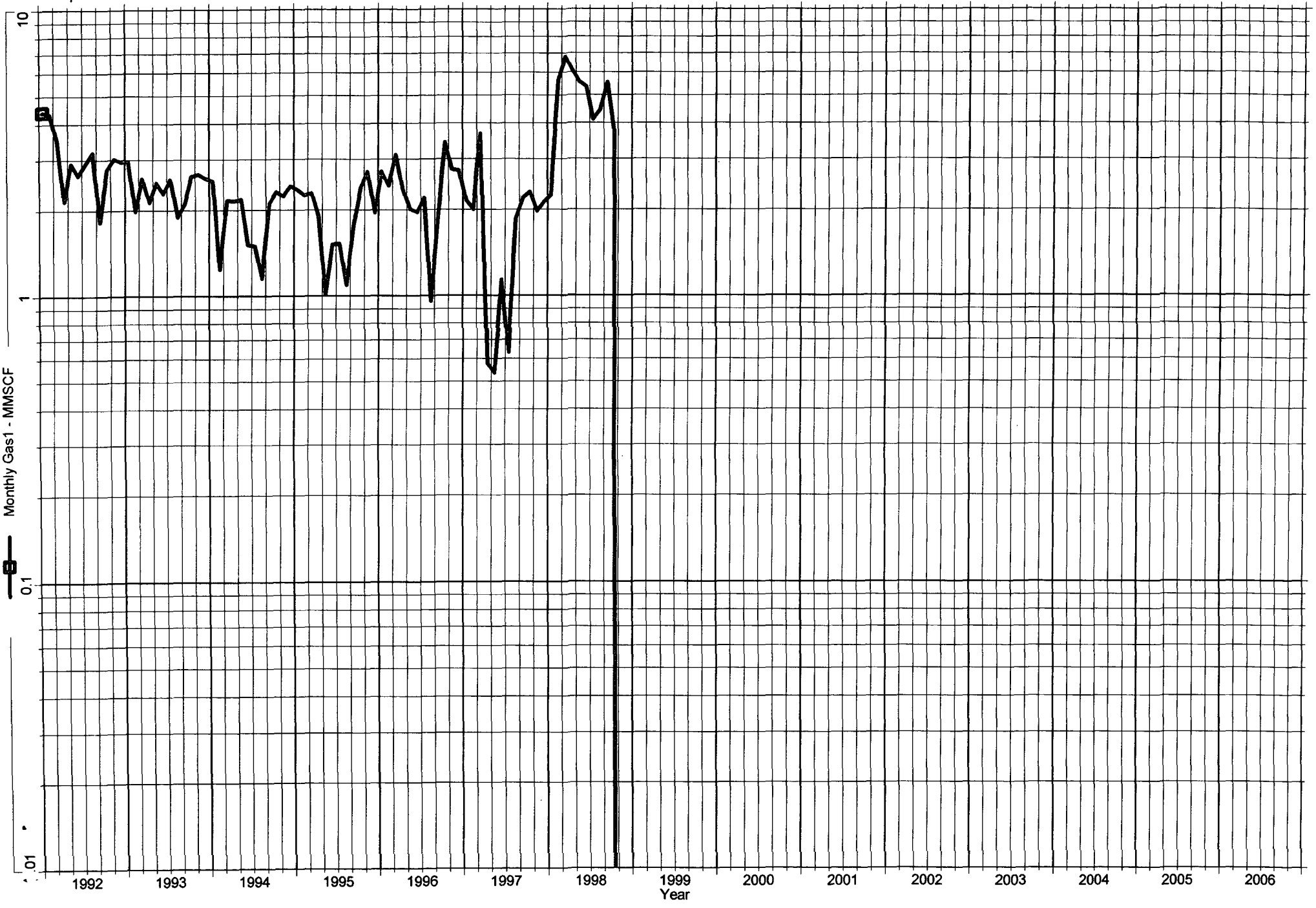
SAN JUAN 20A 5022101 (275314134812.161) Data: Jan.1978-Apr.2002

Operator: BURLINGTON RESOURCES OG CO LP
Field: BLANCO MESAVERDE (PRORATED GAS
Zone:
Type: Gas
Group: None



SAN JUAN 20A 5022102 (304901184322.058) Data: Sep.1991-Apr.2002

Operator: BURLINGTON RESOURCES OG CO LP
Field: BASIN (FRUITLAND COAL)
Zone:
Type: Gas
Group: None



Susco 16 State #1
Bottom Hole Pressures
Flowing and Static BHP
Cullender and Smith Method

Version 1.0 1/14/98

Fruitland Coal

FTC-Current

GAS GRAVITY	0.621
COND. OR MISC. (C/M)	C
%N2	0.17
%CO2	0.49
%H2S	0
DIAMETER (IN)	7
DEPTH (FT)	1959
SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	92.7
FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	244
BOTTOMHOLE PRESSURE (PSIA)	255.0

FTC-Original

GAS GRAVITY	0.621
COND. OR MISC. (C/M)	C
%N2	0.17
%CO2	0.49
%H2S	0
DIAMETER (IN)	7
DEPTH (FT)	1959
SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	92.7
FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	425
BOTTOMHOLE PRESSURE (PSIA)	444.8

Mesaverde

MV-Current

GAS GRAVITY	0.675
COND. OR MISC. (C/M)	C
%N2	0.00
%CO2	0.01
%H2S	0
DIAMETER (IN)	2.375
DEPTH (FT)	4177
SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	134.8
FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	249
BOTTOMHOLE PRESSURE (PSIA)	274.9

MV-Original

GAS GRAVITY	0.675
COND. OR MISC. (C/M)	C
%N2	0.00
%CO2	0.01
%H2S	0
DIAMETER (IN)	2.375
DEPTH (FT)	4177
SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	134.8
FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	763
BOTTOMHOLE PRESSURE (PSIA)	850.4

INTEREST OWNERS

San Juan 20A Well

BUREAU OF LAND MANAGEMENT

CINDY M HARTNER

DAWN TURNBULL TRUST

DENISE TURNBULL WILLIAMS

DERRICK J TURNBULL

JAMES A BORLAND

KATHLEEN M MCLANE TRUST

MICHAEL S MCLANE TRUST

ROSE R PIPER

RUBY C HAYS INDP EXECUTRIX