| 2/23/01 | 3/15/01 | ENGINEER DC | LOGGED IN KV | TYPE DHC | APP NO. 10604847 2 |
|---|---|---|---|---|---|

ABOVE THIS LINE FOR DIVISION USE ONLY

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

3909

# ADMINISTRATIVE APPLICATION COVERSHEET

THIS COVERSHEET 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]**

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CONSERVATION DIVISION

[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

[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] **INFORMATION / DATA SUBMITTED IS COMPLETE** - Certification

I hereby certify that I, or personnel under my supervision, have reviewed the 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 (including API numbers, pool codes, etc.), pertinent information and any required notification is cause to have the application package returned with no action taken.***

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

| Peggy Cole | Peggy Cole | Regulatory Supervisor | 2-22-01 |
|---|---|---|---|
| Print or Type Name | Signature | Title | Date |

pbradfield@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 (Operator) | 3401 E 30TH ST (Address) | FARMINGTON, NM 87402

BURNT MESA (Lease) | 2A (Well No.) | UL O SEC 26, T32N-R07W (Unit Letter-Section-Township-Range) | SAN JUAN (County)

OGRID No._14538__ Property Code_18486___ API No.__30-045-23412_____ Lease Type: _X___Federal __ State ___Fee ____

| DATA ELEMENT | UPPER ZONE | INTERMEDIATE ZONE | LOWER ZONE |
|---|---|---|---|
| Pool Name | SO. LOS PINOS FRT PC | | BLANCO MESAVERDE |
| Pool Code | 80690 | | 72319 |
| Top and Bottom of Pay Section (Perforated or Open-Hole Interval) | 3540' – 3757' | | 5767' – 6080' |
| 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) | 708.3 @ 3133' | | 463.8 @ 5111' |
| Oil Gravity or Gas BTU (Degree API or Gas BTU) | 1190 | | 1015 |
| Producing, Shut-In or New Zone | PRODUCING | | PRODUCING |
| 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: 12/00<br>Rates: 0 BOP, 0 BWD, 132 MCF/D | Date:<br>Rates: | Date: 12/00<br>Rates: 0 BOP, 0 BWD, 107 MCF/D |
| Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.) | Oil 100 % Gas 68.4 % | Oil % Gas % | Oil 0 % Gas 31.6 % |

## ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones? Yes__X___ No_____

Are all produced fluids from all commingled zones compatible with each other? Yes_____ No___X__

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.
- 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_____ TITLE__OPERATIONS ENGINEER__ DATE_____
nco
TYPE OR PRINT NAME____KEVIN BOOK_____TELEPHONE NO. (505)__326-9700_____

NEW MEXICO OIL CONSERVATION COMMISSION

# WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
*Supersedes C-128*
Effective 1-1-65

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

| Operator | Lease | Well No. |
|---|---|---|
| SOUTHLAND ROYALTY COMPANY | BURNT MESA | 2A |

| Unit Letter | Section | Township | Range | County |
|---|---|---|---|---|
| O | 26 | 32N | 7W | San Juan |

Actual Footage Location of Well:
1090 feet from the South line and 1560 feet from the East line

| Ground Level Elev. | Producing Formation | Pool | Dedicated Acreage: |
|---|---|---|---|
| 6732 | Fruitland Mesa Verde-Pictured Cliffs | Ext. Blanco-South Los Pinos | 320 / 160 Acres |

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

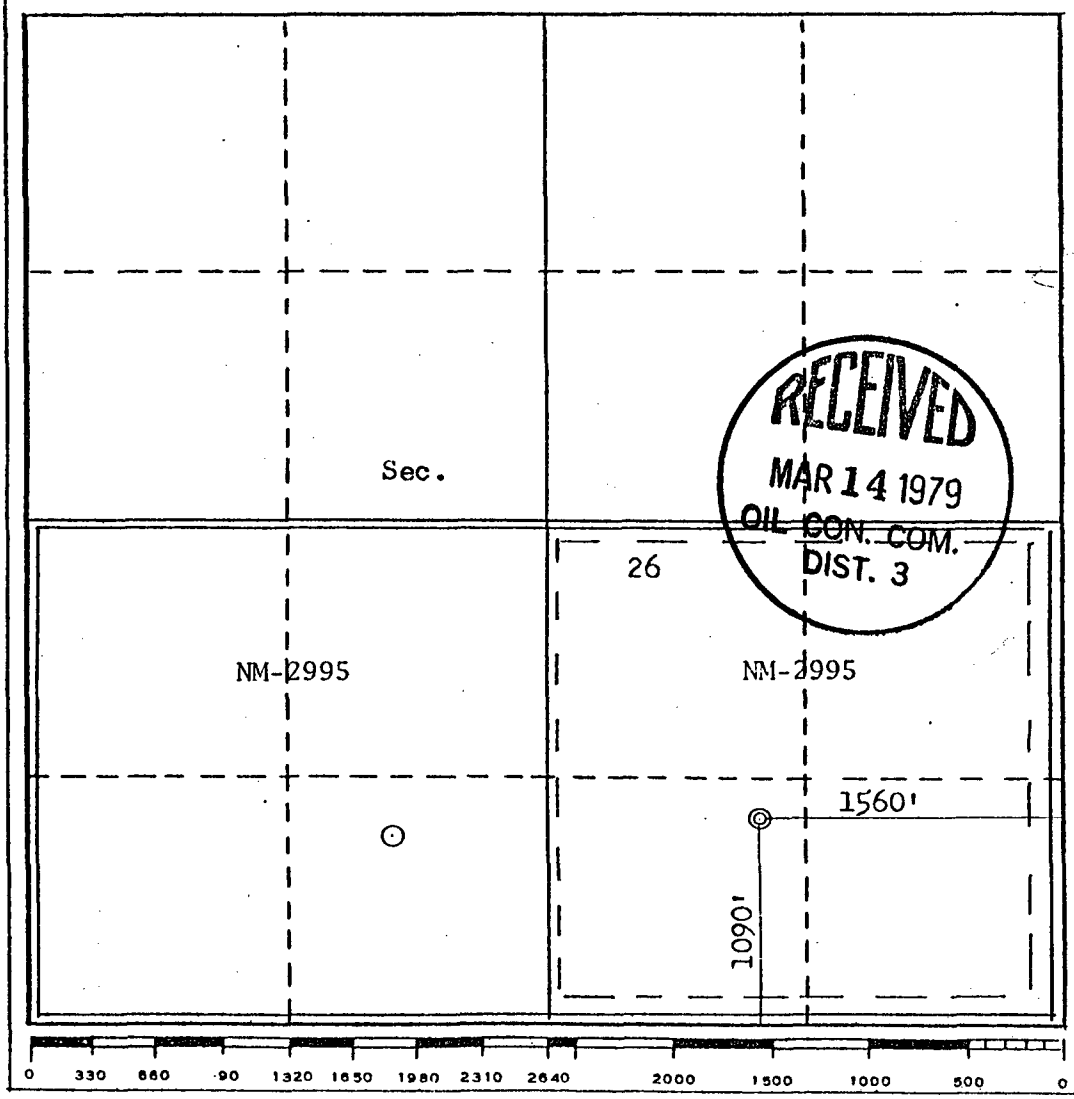
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

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.

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MAR 14 1979
OIL CON. COM.
DIST. 3

## CERTIFICATION

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

Name: [signature]

Position: District Production Manager

Company: Southland Royalty Company

Date: March 9, 1979

*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: February 2, 1979

Registered Professional Engineer and/or Land Surveyor

[signature]

Fred B. Kerr Jr.

Certificate No. FRED B. KERR, JR. 3950

REGISTERED LAND SURVEYOR

# Burnt Mesa #2A
# Bottom Hole Pressures
# Flowing and Static BHP
# Cullender and Smith Method

Version 1.0 3/13/94

## So. Los Pinos Frt PC

### FT/PC-Current

| | |
|---|---|
| GAS GRAVITY | 0.6 |
| COND. OR MISC. (C/M) | M |
| %N2 | 0 |
| %CO2 | 0 |
| %H2S | 0 |
| DIAMETER (IN) | 6.456 |
| DEPTH (FT) | 3133 |
| SURFACE TEMPERATURE (DEG F) | 60 |
| BOTTOMHOLE TEMPERATURE (DEG F) | 120 |
| FLOWRATE (MCFPD) | 0 |
| SURFACE PRESSURE (PSIA) | 660 |
| BOTTOMHOLE PRESSURE (PSIA) | 708.3 |

### FTC/PC-Original

| | |
|---|---|
| GAS GRAVITY | 0.6 |
| COND. OR MISC. (C/M) | M |
| %N2 | 0 |
| %CO2 | 0 |
| %H2S | 0 |
| DIAMETER (IN) | 6.456 |
| DEPTH (FT) | 3133 |
| SURFACE TEMPERATURE (DEG F) | 60 |
| BOTTOMHOLE TEMPERATURE (DEG F) | 120 |
| FLOWRATE (MCFPD) | 0 |
| SURFACE PRESSURE (PSIA) | 1465 |
| BOTTOMHOLE PRESSURE (PSIA) | 1584.3 |

## Blanco Mesaverde

### MV-Current

| | |
|---|---|
| GAS GRAVITY | 0.591 |
| COND. OR MISC. (C/M) | M |
| %N2 | 0.00 |
| %CO2 | 0.02096 |
| %H2S | 0 |
| DIAMETER (IN) | 4.052 |
| DEPTH (FT) | 5111 |
| SURFACE TEMPERATURE (DEG F) | 60 |
| BOTTOMHOLE TEMPERATURE (DEG F) | 170 |
| FLOWRATE (MCFPD) | 0 |
| SURFACE PRESSURE (PSIA) | 418 |
| BOTTOMHOLE PRESSURE (PSIA) | 463.8 |

### MV-Original

| | |
|---|---|
| GAS GRAVITY | 0.591 |
| COND. OR MISC. (C/M) | M |
| %N2 | 0.00 |
| %CO2 | 0.02096 |
| %H2S | 0 |
| DIAMETER (IN) | 4.052 |
| DEPTH (FT) | 5111 |
| SURFACE TEMPERATURE (DEG F) | 60 |
| BOTTOMHOLE TEMPERATURE (DEG F) | 170 |
| FLOWRATE (MCFPD) | 0 |
| SURFACE PRESSURE (PSIA) | 778 |
| BOTTOMHOLE PRESSURE (PSIA) | 867.3 |

Form 9-330
(Rev. 5-63)

# UNITED STATES
# DEPARTMENT OF THE INTERIOR
## GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE* (See instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.: NM-2995

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Burnt Mesa

9. WELL NO.: 2-A

10. FIELD AND POOL, OR WILDCAT: So. Los Pinos FRT PC / Blanco Mesa Verde

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Section 26, T32N, R7W

12. COUNTY OR PARISH: San Juan

13. STATE: New Mexico

# WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other

2. NAME OF OPERATOR: Southland Royalty Company

3. ADDRESS OF OPERATOR: P. O. Drawer 570, Farmington, New Mexico 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface: 1090' FSL & 1560' FEL
At top prod. interval reported below
At total depth

14. PERMIT NO. | DATE ISSUED

| 15. DATE SPUDDED | 16. DATE T.D. REACHED | 17. DATE COMPL. (Ready to prod.) | 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* | 19. ELEV. CASINGHEAD |
|---|---|---|---|---|
| 6-20-79 | 6-28-79 | 8-21-79 | 6732' GR | |

| 20. TOTAL DEPTH, MD & TVD | 21. PLUG, BACK T.D., MD & TVD | 22. IF MULTIPLE COMPL., HOW MANY* | 23. INTERVALS DRILLED BY | ROTARY TOOLS | CABLE TOOLS |
|---|---|---|---|---|---|
| 6337' | 6170' | | → | 0-6337' | |

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: 3540' - 3757' Pictured Cliffs

25. WAS DIRECTIONAL SURVEY MADE: Deviation

26. TYPE ELECTRIC AND OTHER LOGS RUN: GR-Density, IES, GR-Induction and GR-Correlation Logs

27. WAS WELL CORED: No

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

| CASING SIZE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
|---|---|---|---|---|---|
| 9-5/8" | 32.30# | 234' | 12-1/4" | 115 sacks | |
| 7" | 20# | 3874' | 8-3/4" | 210 sacks | |
| | | | | | |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) |
|---|---|---|---|---|
| 4-1/2" | 3719' | 6336' | 305 | |

30. TUBING RECORD

| SIZE | DEPTH SET (MD) | PACKER SET (MD) |
|---|---|---|
| 1-1/2" | 3695' | 3861' |

31. PERFORATION RECORD (Interval, size and number)

3540', 3548', 3556', 3564', 3575', 3590', 3598', 3605', 3618', 3652', 3661', 3669', 3676', 3684', 3692', 3700', 3706', 3729', 3732', 3740', 3749', 3757'.

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

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
|---|---|
| 3540' -3757' | 213,948 gallons water and 195,000# 20/40 sand |

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SEP 12 1979
FARMINGTON DISTRICT

33.* PRODUCTION

| DATE FIRST PRODUCTION | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) | WELL STATUS (Producing or shut-in) |
|---|---|---|
| | Flowing | Shut-In |

| DATE OF TEST | HOURS TESTED | CHOKE SIZE | PROD'N. FOR TEST PERIOD → | OIL—BBL. | GAS—MCF. | WATER—BBL. | GAS-OIL RATIO |
|---|---|---|---|---|---|---|---|
| 8-28-79 | | | | | | | |

| FLOW. TUBING PRESS. | CASING PRESSURE | CALCULATED 24-HOUR RATE → | OIL—BBL. | GAS—MCF. | WATER—BBL. | OIL GRAVITY-API (CORR.) |
|---|---|---|---|---|---|---|
| ------ | 1465# | | | 1702 MCFd | Pitot Tube Test Gauge | |

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

TEST WITNESSED BY: Dwayne Horton

35. LIST OF ATTACHMENTS

RECEIVED
SEP 14 1979
U. S. GEOLOGICAL SURVEY
FARMINGTON, COLO.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED [signature] TITLE District Production Manager DATE August 20, 1979

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

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

**Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29:** *"Sacks Cement":* Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

| FORMATION | TOP | BOTTOM | DESCRIPTION, CONTENTS, ETC. |
|---|---|---|---|
| *Ojo Alamo* | *2561'* | | |
| *Fruitland* | *3314'* | | |
| *Pictured Cliffs* | *3528'* | | |
| *Cliff House* | *5380'* | | |
| *Point Lookout* | *5990'* | | |

38. GEOLOGIC MARKERS

| NAME | TOP | |
|---|---|---|
| | MEAS. DEPTH | TRUE VERT. DEPTH |

U.S. GOVERNMENT PRINTING OFFICE: 1983—O-683636

GPO 680-147

Form 9-330
(Rev. 5-63)

# UNITED STATES
# DEPARTMENT OF THE INTERIOR
## GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE* (See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

# WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

5. LEASE DESIGNATION AND SERIAL NO.: NM-2995

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Burnt Mesa

2. NAME OF OPERATOR: Southland Royalty Company

9. WELL NO.: 2-A

3. ADDRESS OF OPERATOR: P. O. Drawer 570, Farmington, New Mexico 87401

10. FIELD AND POOL, OR WILDCAT: ✓Blanco Mesa Verde
So. Los Pinos FRT PC

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface: 1090' FSL & 1560' FEL
At top prod. interval reported below
At total depth

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Section 26, T32N, R7W

14. PERMIT NO. | DATE ISSUED

12. COUNTY OR PARISH: San Juan | 13. STATE: New Mexico

| 15. DATE SPUDDED | 16. DATE T.D. REACHED | 17. DATE COMPL. (*Ready to prod.*) | 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* | 19. ELEV. CASINGHEAD |
|---|---|---|---|---|
| 7-20-79 | 6-28-79 | 8-1-79 | 6732' GR | |

| 20. TOTAL DEPTH, MD & TVD | 21. PLUG, BACK T.D., MD & TVD | 22. IF MULTIPLE COMPL., HOW MANY* | 23. INTERVALS DRILLED BY | ROTARY TOOLS | CABLE TOOLS |
|---|---|---|---|---|---|
| 6337' | 6170' | | → | 0-6337' | |

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: 5767' - 6080' (Mesa Verde)

25. WAS DIRECTIONAL SURVEY MADE: Deviation

26. TYPE ELECTRIC AND OTHER LOGS RUN: GR-Density, IES, GR-Induction and GR-Correlation Logs

27. WAS WELL CORED: No

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

| CASING SIZE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
|---|---|---|---|---|---|
| 9-5/8" | 32.30# | 234' | 12-1/4" | 115 sacks | |
| 7" | 20# | 3874' | 8-3/4" | 210 sacks | |
| | | | | | |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) |
|---|---|---|---|---|
| 4-1/2" | 3719' | 6336' | 305 | |

30. TUBING RECORD

| SIZE | DEPTH SET (MD) | PACKER SET (MD) |
|---|---|---|
| 2-3/8" | 6067' | 3861' |

31. PERFORATION RECORD (*Interval, size and number*)

MV - 5767', 5810', 5816', 5822', 5992', 5998', 6004', 6010', 6021', 6028', 6035', 6054', 6060', 6071', 6080'.

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

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
|---|---|
| 5767' - 6080' | 119,616 gallons water and 50,000# 20/40 sand |

33.* PRODUCTION

RECEIVED
SEP 12 1979
FARMINGTON DISTRICT

| DATE FIRST PRODUCTION | PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*) | WELL STATUS (*Producing or shut-in*) |
|---|---|---|
| | Flowing | Shut-In |

| DATE OF TEST | HOURS TESTED | CHOKE SIZE | PROD'N. FOR TEST PERIOD → | OIL—BBL. | GAS—MCF. | WATER—BBL. | GAS-OIL RATIO |
|---|---|---|---|---|---|---|---|
| 8-8-79 | 3 | 3/4" | | | | | |

| FLOW. TUBING PRESS. | CASING PRESSURE | CALCULATED 24-HOUR RATE → | OIL—BBL. | GAS—MCF. | WATER—BBL. | OIL GRAVITY-API (CORR.) |
|---|---|---|---|---|---|---|
| 142 | --- | | | 1811 | | |

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

TEST WITNESSED BY: Dwayne Horton

35. LIST OF ATTACHMENTS

RECEIVED
SEP 11 1979
U. S. GEOLOGICAL SURVEY
DURANGO, COLO.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

SIGNED [signature] TITLE District Production Manager DATE SEP 11 1979

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


Vicinity Map for
SOUTHLAND ROYALTY CO. #2A Burnt Mesa
1090'FSL 1560'FEL Sec 26-T32N-R7W
SAN JUAN COUNTY, NEW MEXICO

# Cumulative Monthly Production Report - Summary

AIN: 708401
Well: BURNT MESA 2A
Operator: BURLINGTON RESOURCES OIL & GAS CO
Prod Mang: RICK MUNCRIEF
Superintendent: ROB STANFIELD

State: NEW MEXICO
Field: LOS PINOS SOUTH (FRUITLAND PC)
Division: SAN JUAN DIVISION
Foreman: HANS DUBE
Pumper: HOWARD SELF

| | | Monthly production | | | | | | | | | | | | Monthly Ratios | | | Cumulative Production | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | Days On Line | Oil Prod | Net Oil | Wtr | Gas Prod | Gas Sales | Net Gas Sales | Gaslift | Gas Inj | Wtr Inj | Fuel MCF | Vent MCF | % Wtr Cut | BW/ MMCF | BO/ MMCF | CF/ BO | Oil Prod | Net Oil | Wtr | Gas Prod | Gas Sales | Net Gas Sales | Gaslift | Gas Inj | Wtr Inj | Fuel MCF | Vent MCF |
| Nov-98 | 30 | 4 | 1 | 0 | 4519 | 4519 | 988 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11112117 | | 4 | 1 | 0 | 4519 | 4519 | 988 | 0 | 0 | 0 | 0 | 0 |
| Dec-98 | 31 | 0 | 0 | 3 | 4407 | 4407 | 964 | 0 | 0 | 0 | 0 | 0 | | 1 | 0 | | 4 | 1 | 3 | 8925 | 8925 | 1952 | 0 | 0 | 0 | 0 | 0 |
| Total | | 4 | 1 | 3 | 8925 | 8925 | 1952 | 0 | 0 | 0 | 0 | 0 | | | | | | | | | | | | | | | |
| Jan-99 | 31 | 0 | 0 | 0 | 3530 | 3530 | 772 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | | 4 | 1 | 3 | 12456 | 12456 | 2725 | 0 | 0 | 0 | 0 | 0 |
| Feb-99 | 28 | 1 | 0 | 0 | 4921 | 4921 | 1077 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 04246281 | | 5 | 1 | 3 | 17377 | 17377 | 3801 | 0 | 0 | 0 | 0 | 0 |
| Mar-99 | 31 | 0 | 0 | 0 | 4487 | 4487 | 982 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | | 5 | 1 | 3 | 21864 | 21864 | 4783 | 0 | 0 | 0 | 0 | 0 |
| Apr-99 | 30 | 0 | 0 | 0 | 4212 | 4212 | 921 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | | 5 | 1 | 3 | 26076 | 26076 | 5704 | 0 | 0 | 0 | 0 | 0 |
| May-99 | 26 | 0 | 0 | 0 | 4021 | 4021 | 880 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | | 5 | 1 | 3 | 30097 | 30097 | 6584 | 0 | 0 | 0 | 0 | 0 |
| Jun-99 | 30 | 0 | 0 | 0 | 3884 | 3884 | 850 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | | 5 | 1 | 3 | 33981 | 33981 | 7433 | 0 | 0 | 0 | 0 | 0 |
| Jul-99 | 31 | 0 | 0 | 0 | 4042 | 4042 | 884 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | | 5 | 1 | 3 | 38024 | 38024 | 8318 | 0 | 0 | 0 | 0 | 0 |
| Aug-99 | 31 | 7 | 2 | 0 | 3984 | 3984 | 872 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 572938 | 12 | 3 | 3 | 42008 | 42008 | 9189 | 0 | 0 | 0 | 0 | 0 |
| Sep-99 | 30 | 8 | 2 | 0 | 3834 | 3834 | 839 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 490120 | 20 | 4 | 3 | 45842 | 45842 | 10028 | 0 | 0 | 0 | 0 | 0 |
| Oct-99 | 31 | 8 | 2 | 0 | 3842 | 3842 | 840 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 458971 | 28 | 6 | 3 | 49684 | 49684 | 10868 | 0 | 0 | 0 | 0 | 0 |
| Nov-99 | 30 | 9 | 2 | 0 | 3920 | 3920 | 857 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 452860 | 37 | 8 | 3 | 53604 | 53604 | 11726 | 0 | 0 | 0 | 0 | 0 |
| Dec-99 | 31 | 0 | 0 | 0 | 4088 | 4088 | 894 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | | 37 | 8 | 3 | 57692 | 57692 | 12620 | 0 | 0 | 0 | 0 | 0 |
| Total | | 33 | 7 | 0 | 48766 | 48766 | 10668 | 0 | 0 | 0 | 0 | 0 | | | | | | | | | | | | | | | |
| Jan-00 | 31 | 0 | 0 | 0 | 4023 | 4023 | 880 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | | 37 | 8 | 3 | 61715 | 61715 | 13500 | 0 | 0 | 0 | 0 | 0 |
| Feb-00 | 29 | 0 | 0 | 0 | 3657 | 3657 | 800 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | | 37 | 8 | 3 | 65372 | 65372 | 14300 | 0 | 0 | 0 | 0 | 0 |
| Mar-00 | 31 | 0 | 0 | 0 | 3814 | 3814 | 834 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | | 37 | 8 | 3 | 69185 | 69185 | 15134 | 0 | 0 | 0 | 0 | 0 |
| Apr-00 | 30 | 0 | 0 | 0 | 3690 | 3690 | 807 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | | 37 | 8 | 3 | 72876 | 72876 | 15942 | 0 | 0 | 0 | 0 | 0 |
| May-00 | 24 | 0 | 0 | 0 | 2900 | 2900 | 634 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | | 37 | 8 | 3 | 75775 | 75775 | 16576 | 0 | 0 | 0 | 0 | 0 |
| Jun-00 | 27 | 0 | 0 | 0 | 4614 | 4614 | 1009 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | | 37 | 8 | 3 | 80389 | 80389 | 17585 | 0 | 0 | 0 | 0 | 0 |

# Cumulative Monthly Production Report - Summary

AIN: 708401
Well: BURNT MESA 2A
Operator: BURLINGTON RESOURCES OIL & GAS CO
Prod Mang : RICK MUNCRIEF
Superintendent: ROB STANFIELD

State: NEW MEXICO
Field: LOS PINOS SOUTH (FRUITLAND PC)
Division: SAN JUAN DIVISION
Foreman: HANS DUBE
Pumper : HOWARD SELF

| | | Monthly production | | | | | | | | | | | Monthly Ratios | | | | Cumulative Production | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | Days On Line | Oil Prod | Net Oil | Wtr | Gas Prod | Gas Sales | Net Gas Sales | Gaslift | Gas Inj | Wtr Inj | Fuel MCF | Vent MCF | % Wtr Cut | BW/ MMCF | BO/ MMCF | CF/ BO | Oil Prod | Net Oil | Wtr | Gas Prod | Gas Sales | Net Gas Sales | Gaslift | Gas Inj | Wtr Inj | Fuel MCF | Vent MCF |
| Jul-00 | 31 | 6 | 1 | 0 | 4470 | 4470 | 978 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 771436 | 43 | 9 | 3 | 84860 | 84860 | 18563 | 0 | 0 | 0 | 0 | 0 |
| Aug-00 | 31 | 5 | 1 | 0 | 4054 | 4054 | 887 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 874420 | 47 | 10 | 3 | 88913 | 88913 | 19450 | 0 | 0 | 0 | 0 | 0 |
| Sep-00 | 30 | 0 | 0 | 0 | 3703 | 3703 | 810 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | | 47 | 10 | 3 | 92616 | 92616 | 20260 | 0 | 0 | 0 | 0 | 0 |
| Oct-00 | 31 | 0 | 0 | 0 | 3713 | 3713 | 812 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | | 47 | 10 | 3 | 96329 | 96329 | 21072 | 0 | 0 | 0 | 0 | 0 |
| Nov-00 | 30 | 0 | 0 | 0 | 3621 | 3621 | 792 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | | 47 | 10 | 3 | 99950 | 99950 | 21864 | 0 | 0 | 0 | 0 | 0 |
| Dec-00 | 31 | 0 | 0 | 0 | 4080 | 4080 | 893 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | | 47 | 10 | 3 | 104031 | 104031 | 22757 | 0 | 0 | 0 | 0 | 0 |
| Total | | 10 | 2 | 0 | 46339 | 4633910137 | | 0 | 0 | 0 | 0 | 0 | | | | | | | | | | | | | | | |
| Jan-01 | 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | 47 | 10 | 3 | 104031 | 104031 | 22757 | 0 | 0 | 0 | 0 | 0 |
| Total | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | | | | | | | | |

# Cumulative Monthly Production Report - Summary

AIN: 708402
Well: BURNT MESA 2A
Operator: BURLINGTON RESOURCES OIL & GAS CO
Prod Mang: RICK MUNCRIEF
Superintendent: ROB STANFIELD

State: NEW MEXICO
Field: BLANCO MESAVERDE (PRORATED GAS
Division: SAN JUAN DIVISION
Foreman: HANS DUBE
Pumper: HOWARD SELF

| | | Monthly production | | | | | | | | | | | Monthly Ratios | | | Cumulative Production | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | Days On Line | Oil Prod | Net Oil | Wtr | Gas Prod | Gas Sales | Net Gas Sales | Gaslift | Gas Inj | Wtr Inj | Fuel MCF | Vent MCF | % Wtr Cut | BW/ MMCF | BO/ MMCF | CF/ BO | Oil Prod | Net Oil | Wtr | Gas Prod | Gas Sales | Net Gas Sales | Gaslift | Gas Inj | Wtr Inj | Fuel MCF | Vent MCF |
| Nov-98 | 30 | 0 | 0 | 0 | 1733 | 1672 | 366 | 0 | 0 | 0 | 61 | 0 | | 0 | 0 | | 0 | 0 | 0 | 1733 | 1672 | 366 | 0 | 0 | 0 | 61 | 0 |
| Dec-98 | 31 | 0 | 0 | 0 | 2074 | 2011 | 440 | 0 | 0 | 0 | 63 | 0 | | 0 | 0 | | 0 | 0 | 0 | 3807 | 3682 | 805 | 0 | 0 | 0 | 124 | 0 |
| Total | | 0 | 0 | 0 | 3807 | 3682 | 805 | 0 | 0 | 0 | 124 | 0 | | | | | | | | | | | | | | | |
| Jan-99 | 31 | 0 | 0 | 0 | 1973 | 1910 | 418 | 0 | 0 | 0 | 63 | 0 | | 0 | 0 | | 0 | 0 | 0 | 5780 | 5592 | 1223 | 0 | 0 | 0 | 188 | 0 |
| Feb-99 | 28 | 0 | 0 | 0 | 1872 | 1815 | 397 | 0 | 0 | 0 | 57 | 0 | | 0 | 0 | | 0 | 0 | 0 | 7651 | 7407 | 1620 | 0 | 0 | 0 | 245 | 0 |
| Mar-99 | 31 | 0 | 0 | 0 | 1941 | 1877 | 411 | 0 | 0 | 0 | 63 | 0 | | 0 | 0 | | 0 | 0 | 0 | 9592 | 9284 | 2031 | 0 | 0 | 0 | 308 | 0 |
| Apr-99 | 30 | 0 | 0 | 0 | 1888 | 1826 | 400 | 0 | 0 | 0 | 61 | 0 | | 0 | 0 | | 0 | 0 | 0 | 11480 | 11111 | 2430 | 0 | 0 | 0 | 369 | 0 |
| May-99 | 24 | 0 | 0 | 0 | 1589 | 1540 | 337 | 0 | 0 | 0 | 49 | 0 | | 0 | 0 | | 0 | 0 | 0 | 13069 | 12651 | 2767 | 0 | 0 | 0 | 418 | 0 |
| Jun-99 | 30 | 0 | 0 | 0 | 1389 | 1327 | 290 | 0 | 0 | 0 | 61 | 0 | | 0 | 0 | | 0 | 0 | 0 | 14457 | 13978 | 3058 | 0 | 0 | 0 | 479 | 0 |
| Jul-99 | 31 | 0 | 0 | 0 | 2534 | 2471 | 540 | 0 | 0 | 0 | 63 | 0 | | 0 | 0 | | 0 | 0 | 0 | 16991 | 16449 | 3598 | 0 | 0 | 0 | 542 | 0 |
| Aug-99 | 31 | 0 | 0 | 0 | 1713 | 1650 | 361 | 0 | 0 | 0 | 63 | 0 | | 0 | 0 | | 0 | 0 | 0 | 18704 | 18099 | 3959 | 0 | 0 | 0 | 606 | 0 |
| Sep-99 | 30 | 0 | 0 | 0 | 1209 | 1148 | 251 | 0 | 0 | 0 | 61 | 0 | | 0 | 0 | | 0 | 0 | 0 | 19913 | 19247 | 4210 | 0 | 0 | 0 | 667 | 0 |
| Oct-99 | 31 | 0 | 0 | 0 | 1171 | 1108 | 242 | 0 | 0 | 0 | 63 | 0 | | 0 | 0 | | 0 | 0 | 0 | 21084 | 20354 | 4453 | 0 | 0 | 0 | 730 | 0 |
| Nov-99 | 30 | 0 | 0 | 0 | 1129 | 1068 | 234 | 0 | 0 | 0 | 61 | 0 | | 0 | 0 | | 0 | 0 | 0 | 22213 | 21422 | 4686 | 0 | 0 | 0 | 791 | 0 |
| Dec-99 | 31 | 0 | 0 | 0 | 2490 | 2426 | 531 | 0 | 0 | 0 | 63 | 0 | | 0 | 0 | | 0 | 0 | 0 | 24703 | 23848 | 5217 | 0 | 0 | 0 | 854 | 0 |
| Total | | 0 | 0 | 0 | 20896 | 20166 | 4411 | 0 | 0 | 0 | 730 | 0 | | | | | | | | | | | | | | | |
| Jan-00 | 31 | 0 | 0 | 0 | 1606 | 1543 | 338 | 0 | 0 | 0 | 63 | 0 | | 0 | 0 | | 0 | 0 | 0 | 26309 | 25392 | 5554 | 0 | 0 | 0 | 918 | 0 |
| Feb-00 | 29 | 0 | 0 | 0 | 1554 | 1495 | 327 | 0 | 0 | 0 | 59 | 0 | | 0 | 0 | | 0 | 0 | 0 | 27863 | 26887 | 5881 | 0 | 0 | 0 | 977 | 0 |
| Mar-00 | 31 | 0 | 0 | 0 | 1671 | 1608 | 352 | 0 | 0 | 0 | 63 | 0 | | 0 | 0 | | 0 | 0 | 0 | 29534 | 28494 | 6233 | 0 | 0 | 0 | 1040 | 0 |
| Apr-00 | 30 | 0 | 0 | 0 | 1352 | 1291 | 282 | 0 | 0 | 0 | 61 | 0 | | 0 | 0 | | 0 | 0 | 0 | 30887 | 29786 | 6516 | 0 | 0 | 0 | 1101 | 0 |
| May-00 | 26 | 0 | 0 | 0 | 1403 | 1352 | 296 | 0 | 0 | 0 | 51 | 0 | | 0 | 0 | | 0 | 0 | 0 | 32290 | 31137 | 6811 | 0 | 0 | 0 | 1152 | 0 |
| Jun-00 | 27 | 0 | 0 | 0 | 1778 | 1723 | 377 | 0 | 0 | 0 | 55 | 0 | | 0 | 0 | | 0 | 0 | 0 | 34068 | 32861 | 7188 | 0 | 0 | 0 | 1207 | 0 |

# Cumulative Monthly Production Report - Summary

| | | | |
|---|---|---|---|
| AIN | 708402 | State: | NEW MEXICO |
| Well: | BURNT MESA 2A | Field: | BLANCO MESAVERDE (PRORATED GAS |
| Operator: | BURLINGTON RESOURCES OIL & GAS CO | Division: | SAN JUAN DIVISION |
| Prod Mang : | RICK MUNCRIEF | Foreman: | HANS DUBE |
| Superintendent: | ROB STANFIELD | Pumper : | HOWARD SELF |

| | | Monthly production | | | | | | | | | | | | Monthly Ratios | | | Cumulative Production | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | Days On Line | Oil Prod | Net Oil | Wtr | Gas Prod | Gas Sales | Net Gas Sales | Gaslift | Gas Inj | Wtr Inj | Fuel MCF | Vent MCF | % Wtr Cut | BW/ MMCF | BO/ MMCF | CF/ BO | Oil Prod | Net Oil | Wtr | Gas Prod | Gas Sales | Net Gas Sales | Gaslift | Gas Inj | Wtr Inj | Fuel MCF | Vent MCF |
| Jul-00 | 31 | 0 | 0 | 0 | 1172 | 1109 | 243 | 0 | 0 | 0 | 63 | 0 | | 0 | 0 | | 0 | 0 | 0 | 35240 | 33970 | 7431 | 0 | 0 | 0 | 1271 | 0 |
| Aug-00 | 31 | 0 | 0 | 0 | 1475 | 1412 | 309 | 0 | 0 | 0 | 63 | 0 | | 0 | 0 | | 0 | 0 | 0 | 36715 | 35381 | 7740 | 0 | 0 | 0 | 1334 | 0 |
| Sep-00 | 30 | 0 | 0 | 0 | 3186 | 3124 | 683 | 0 | 0 | 0 | 61 | 0 | | 0 | 0 | | 0 | 0 | 0 | 39901 | 38506 | 8423 | 0 | 0 | 0 | 1395 | 0 |
| Oct-00 | 31 | 0 | 0 | 0 | 2943 | 2879 | 630 | 0 | 0 | 0 | 63 | 0 | | 0 | 0 | | 0 | 0 | 0 | 42844 | 41385 | 9053 | 0 | 0 | 0 | 1458 | 0 |
| Nov-00 | 30 | 0 | 0 | 0 | 1661 | 1600 | 350 | 0 | 0 | 0 | 61 | 0 | | 0 | 0 | | 0 | 0 | 0 | 44505 | 42985 | 9403 | 0 | 0 | 0 | 1520 | 0 |
| Dec-00 | 31 | 0 | 0 | 0 | 3330 | 3267 | 715 | 0 | 0 | 0 | 63 | 0 | | 0 | 0 | | 0 | 0 | 0 | 47835 | 46252 | 10118 | 0 | 0 | 0 | 1583 | 0 |
| Total | | 0 | 0 | 0 | 23132 | 22403 | 4901 | 0 | 0 | 0 | 728 | 0 | | | | | | | | | | | | | | | |
| Jan-01 | 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | 0 | 0 | 0 | 47835 | 46252 | 10118 | 0 | 0 | 0 | 1583 | 0 |
| Total | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | | | | | | | | |

| Equipment Name | Desk | Stop Name | Route Name | Effective Test Date | Pressure Base | Heat Content | Sample Date | Deact. Date |
|---|---|---|---|---|---|---|---|---|
| **BURNT MESA 2A 85260 MV** | SJD WFS | HOWARD SELF | HOWARD SELF | 4/29/00 | 14.73 | 1.015 | 4/1/00 | 12/31/34 |

| H2 % | H2 GPM | HE % | HE GPM | N2 % | N2 GPM | C02 % | CO2 GPM |
|---|---|---|---|---|---|---|---|
| 0 | 0 | 0 | 0 | 0.00195 | 0 | 0.02096 | 0 |

| H2S % | H2S GPM | C1 % | C1 GPM | C2 % | C2 GPM | C3 % | C3 GPM |
|---|---|---|---|---|---|---|---|
| 0 | 0 | 0.95847 | 0 | 0.01446 | 0 | 0.00132 | 0 |

| IC4 % | IC4 GPM | NC4 % | NC4 GPM | IC5 % | IC5 GPM | NC5 % | NC5 GPM |
|---|---|---|---|---|---|---|---|
| 0.00044 | 0 | 0.00027 | 0 | 0.00009 | 0 | 0 | 0 |

| C6 % | C6 GPM | C7 % | C7 GPM | C8 % | C8 GPM | C9 % | C9 GPM |
|---|---|---|---|---|---|---|---|
| 0 | 0 | 0 | 0 | 0 | 0 | 0.00204 | 0 |

| C10 % | C10 GPM | olar Mass Of C7+ | Molar Mass | Liquid Density | s Equiv. Factor |
|---|---|---|---|---|---|
| 0 | 0 | 0 | 0 | 0 | 0 |

| Equipment Name | Desk | Stop Name | Route Name | Test Date | Pressure Base | Heat Content | Sample Date | Deact. Date |
|---|---|---|---|---|---|---|---|---|
| **BURNT MESA 02A 85261** | SJD WFS | HOWARD SELF | HOWARD SELF | 4/29/00 | 14.73 | 1.19 | 4/1/00 | 12/31/34 |
| **FC PC** | | | | 8/24/00 | 14.73 | 1 | | |

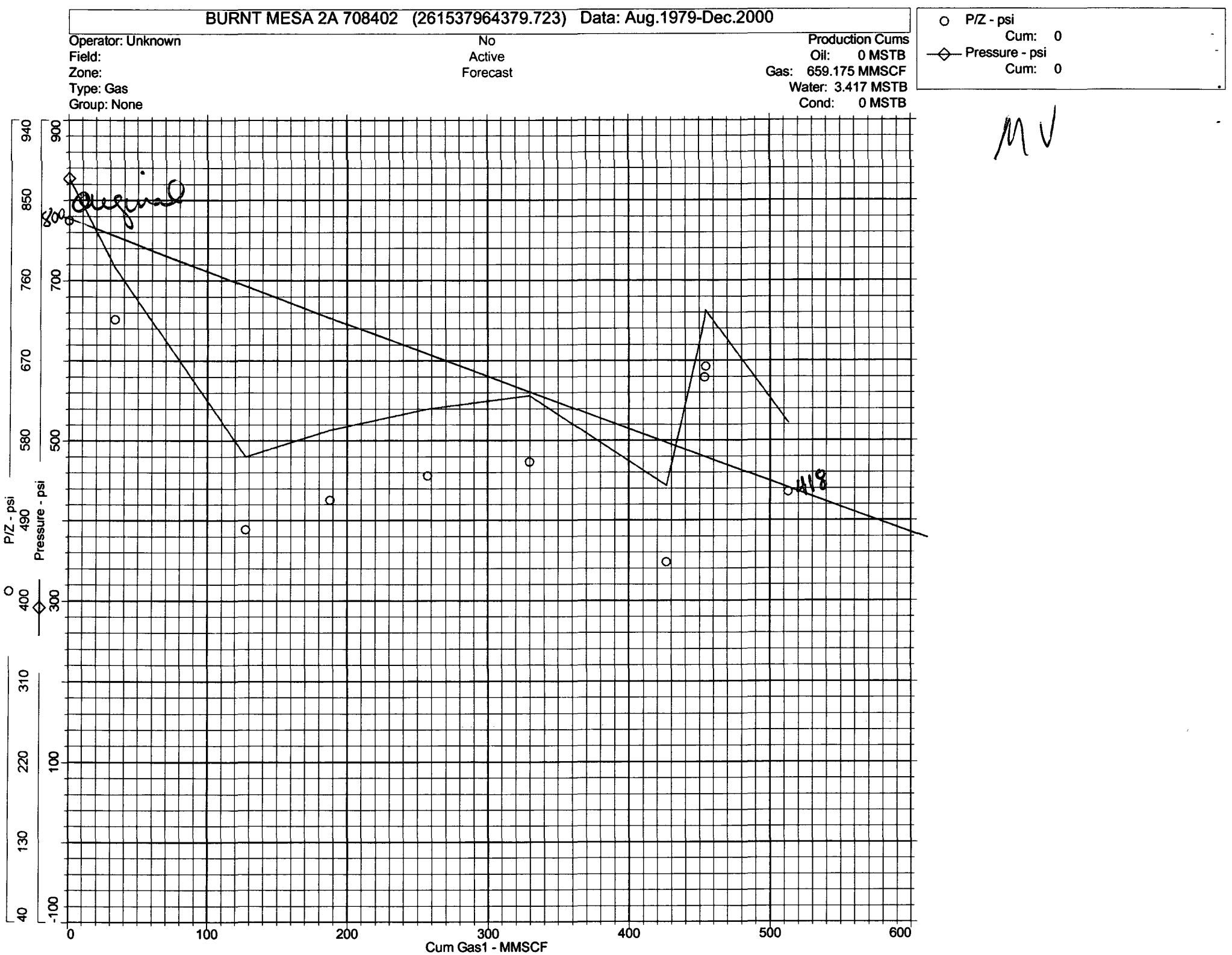
| | H2 % | H2 GPM | HE % | HE GPM | N2 % | N2 GPM | C02 % | CO2 GPM | H2S % |
|---|---|---|---|---|---|---|---|---|---|
| 4/29/00 | 0 | 0 | 0 | 0 | 0.00261 | 0 | 0.00564 | 0 | 0 |
| 8/24/00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

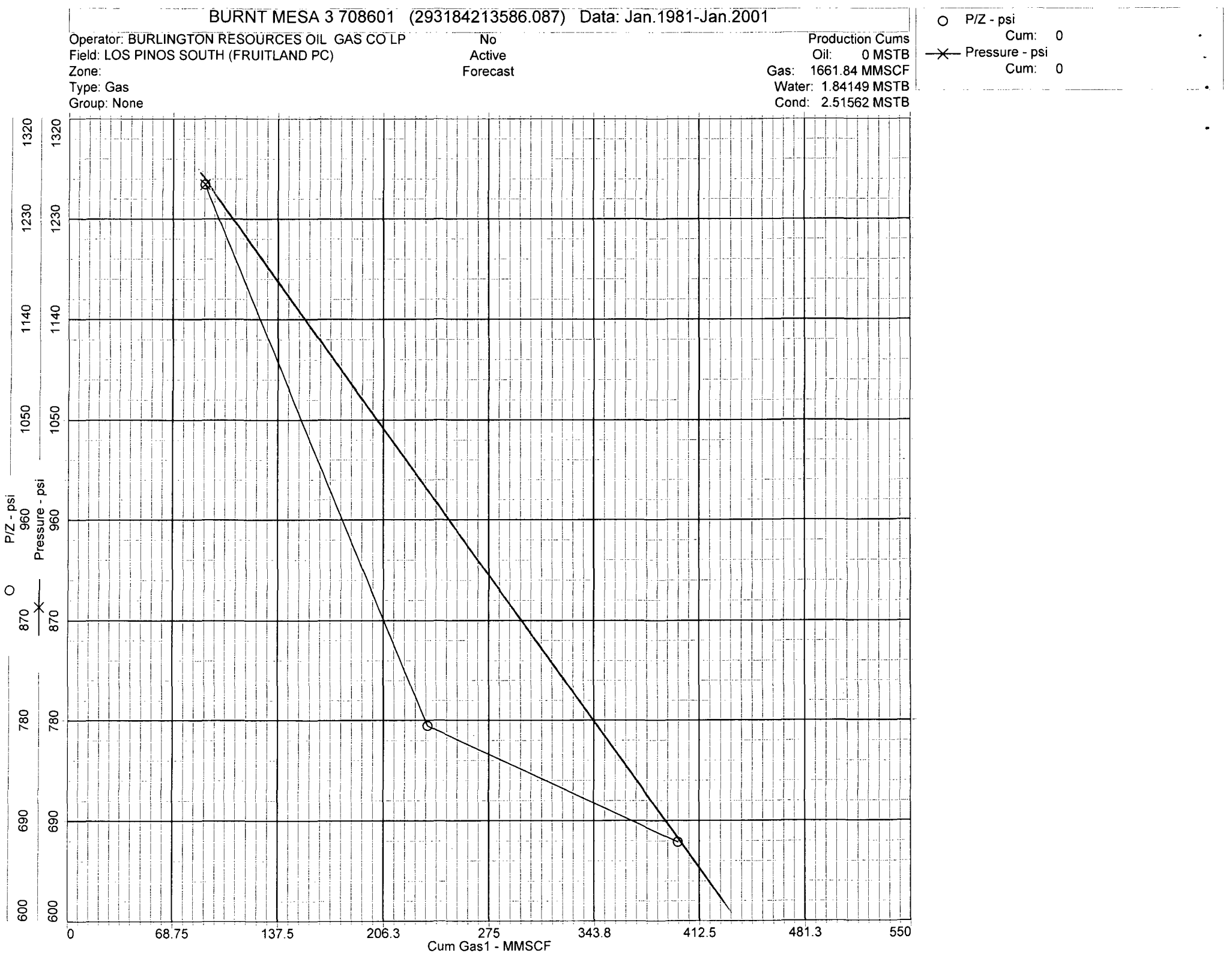
| | H2S GPM | C1 % | C1 GPM | C2 % | C2 GPM | C10 % | C10 GPM | Mass Of C7+ | Molar Mass |
|---|---|---|---|---|---|---|---|---|---|
| 4/29/00 | 0 | 0.85004 | 0 | 0.08442 | 0 | 0 | 0 | 0 | 0 |
| 8/24/00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

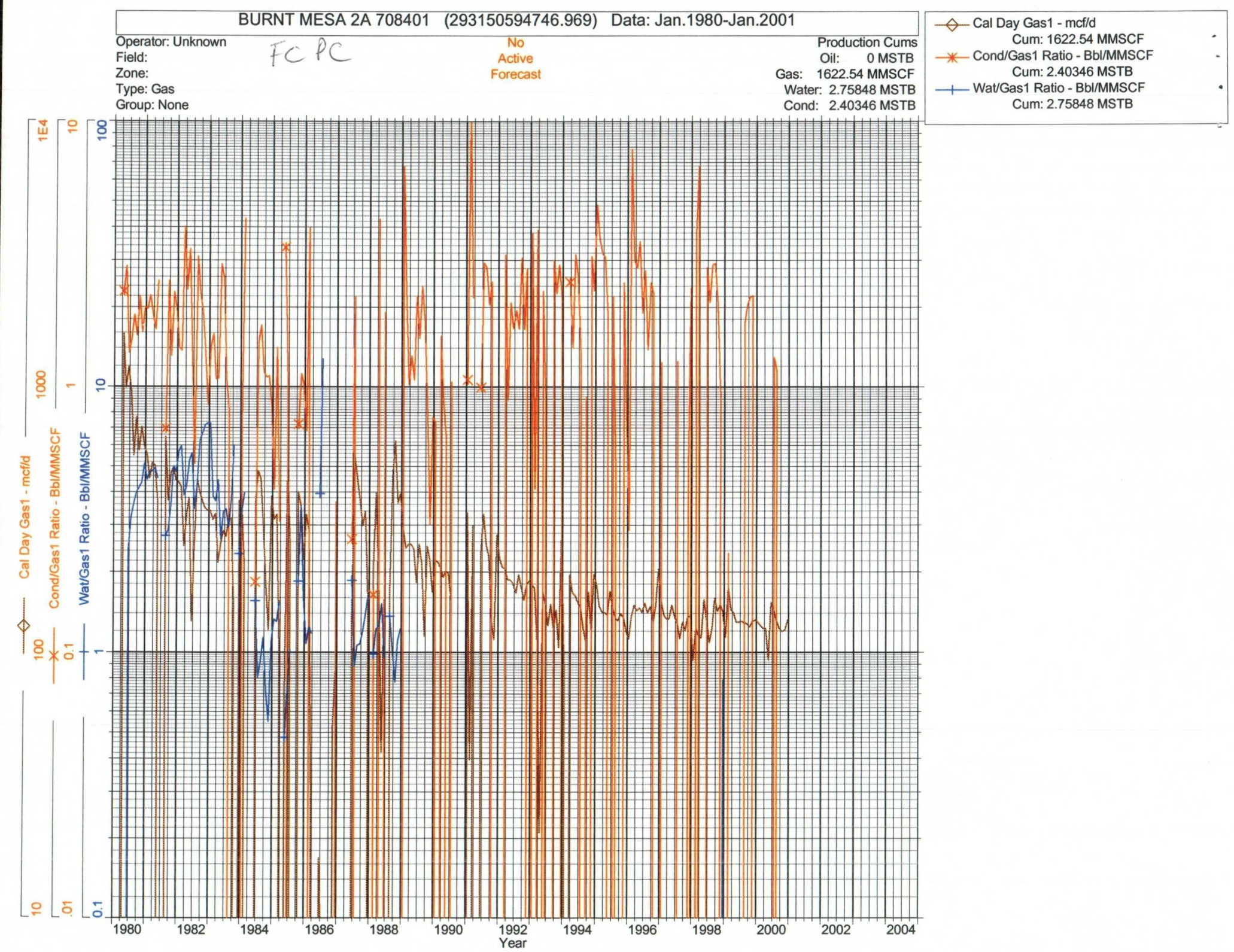
| | C3 % | C3 GPM | IC4 % | IC4 GPM | NC4 % | NC4 GPM | IC5 % | IC5 GPM | NC5 % |
|---|---|---|---|---|---|---|---|---|---|
| 4/29/00 | 0.0332 | 0 | 0.00608 | 0 | 0.00778 | 0 | 0.00285 | 0 | 0.0018 |
| 8/24/00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

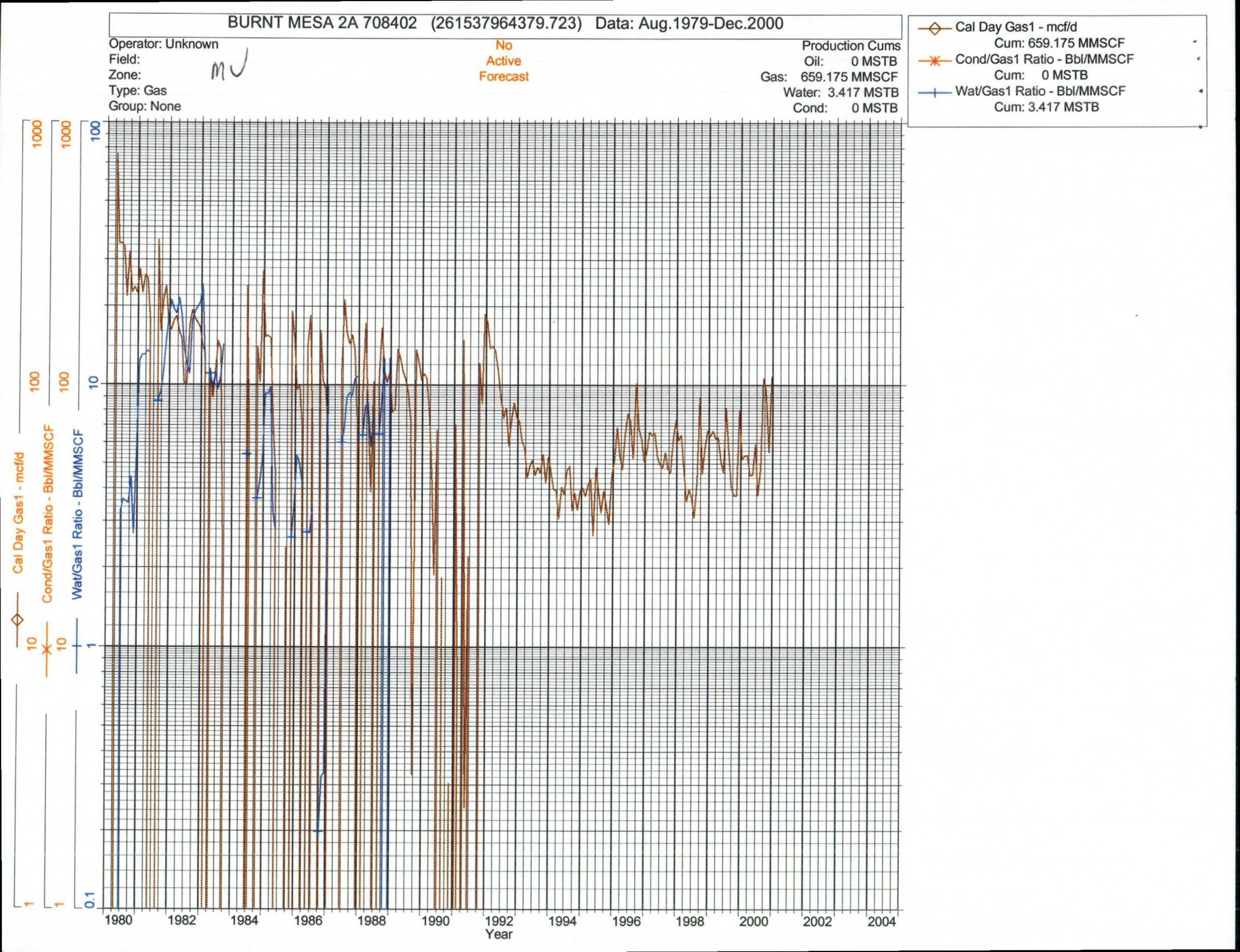
| | NC5 GPM | C6 % | C6 GPM | C7 % | C7 GPM | C8 % | C8 GPM | C9 % | C9 GPM |
|---|---|---|---|---|---|---|---|---|---|
| 4/29/00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00558 | 0 |
| 8/24/00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| | Liquid Density | Gas Equiv. Factor |
|---|---|---|
| 4/29/00 | 0 | 0 |
| 8/24/00 | 0 | 0 |


BURNT MESA 2A 708402 (261537964379.723) Data: Aug.1979-Dec.2000
Operator: Unknown
Field:
Zone:
Type: Gas
Group: None
No
Active
Forecast
Production Cums
Oil: 0 MSTB
Gas: 659.175 MMSCF
Water: 3.417 MSTB
Cond: 0 MSTB
P/Z - psi
Cum: 0
Pressure - psi
Cum: 0
MV
Original
418
P/Z - psi
Pressure - psi
940
900
850
760
700
670
580
500
490
400
300
310
220
100
130
-100
40
0
100
200
300
400
500
600
Cum Gas1 - MMSCF


BURNT MESA 3 708601 (293184213586.087) Data: Jan.1981-Jan.2001
Operator: BURLINGTON RESOURCES OIL GAS CO LP
Field: LOS PINOS SOUTH (FRUITLAND PC)
Zone:
Type: Gas
Group: None
No
Active
Forecast
Production Cums
Oil: 0 MSTB
Gas: 1661.84 MMSCF
Water: 1.84149 MSTB
Cond: 2.51562 MSTB
P/Z - psi
Cum: 0
Pressure - psi
Cum: 0
P/Z - psi
Pressure - psi
1320
1230
1140
1050
960
870
780
690
600
0
68.75
137.5
206.3
275
343.8
412.5
481.3
550
Cum Gas1 - MMSCF


BURNT MESA 2A 708401 (293150594746.969) Data: Jan.1980-Jan.2001
Operator: Unknown
Field:
Zone:
Type: Gas
Group: None
FC PC
No Active Forecast
Production Cums
Oil: 0 MSTB
Gas: 1622.54 MMSCF
Water: 2.75848 MSTB
Cond: 2.40346 MSTB
Cal Day Gas1 - mcf/d
Cum: 1622.54 MMSCF
Cond/Gas1 Ratio - Bbl/MMSCF
Cum: 2.40346 MSTB
Wat/Gas1 Ratio - Bbl/MMSCF
Cum: 2.75848 MSTB
Cal Day Gas1 - mcf/d
Cond/Gas1 Ratio - Bbl/MMSCF
Wat/Gas1 Ratio - Bbl/MMSCF
1E4
1000
100
10
10
1
0.1
100
10
1
.01
0.1
1980
1982
1984
1986
1988
1990
1992
1994
1996
1998
2000
2002
2004
Year


BURNT MESA 2A 708402 (261537964379.723) Data: Aug.1979-Dec.2000
Operator: Unknown
Field:
Zone:
Type: Gas
Group: None
MV
No
Active
Forecast
Production Cums
Oil: 0 MSTB
Gas: 659.175 MMSCF
Water: 3.417 MSTB
Cond: 0 MSTB
Cal Day Gas1 - mcf/d
Cum: 659.175 MMSCF
Cond/Gas1 Ratio - Bbl/MMSCF
Cum: 0 MSTB
Wat/Gas1 Ratio - Bbl/MMSCF
Cum: 3.417 MSTB
Cal Day Gas1 - mcf/d
Cond/Gas1 Ratio - Bbl/MMSCF
Wat/Gas1 Ratio - Bbl/MMSCF
1000
100
10
1
0.1
1980
1982
1984
1986
1988
1990
1992
1994
1996
1998
2000
2002
2004
Year