

District I
District II
District III
District IV

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-107A
Revised May 15, 2000

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, New Mexico 87505

APPLICATION FOR DOWNHOLE COMMINGLING

APPLICATION TYPE

☒ Single Well
Establish Pre-Approved Pools
EXISTING WELLBORE
☒ Yes ☐ No

Burlington Resources Oil and Gas

3401 East 30th Street, Farmington, New Mexico

Operator

Address

Albright

7E

P-22-029N-010W

San Juan

Lease

Well No.

Unit Letter-Section-Township-Range

County

OGRID No. 14538 Property Code 6781 API No. 30-045-25057 Lease Type: ☒ Federal ☐ State ☐ Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Otero Chacra	Blanco Mesaverde	Basin Dakota
Pool Code	82329	72319	71599
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	Will be supplied upon completion	3951'-4395'	6396'-6515'
Method of Production (Flowing or Artificial Lift)	New Zone	Artificial Lift	Artificial Lift
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)	Original - 1209 psi From HUBBELL #9 - OFFSET (see attachment)	Current - 426 psi Original - 781 psi (see attachment)	Current - 315 psi Original - 1326 psi (see attachment)
Oil Gravity or Gas BTU (Degree API or Gas BTU)	BTU 1195 From HUBBELL #9 - OFFSET	BTU 1320 - 5/98	BTU 1276 - 2/98
Producing, Shut-In or New Zone	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: N/A Rates:	Date: Dec 2000 - Feb 2001 Rates: 58 MCPFD Commingled w/DK	Date: Dec 2000 - Feb 2001 Rates: 40 MCPFD Commingled w/MV
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil Gas Supplied Upon Completion	Oil Gas Supplied Upon Completion	Oil Gas Supplied Upon Completion

ADDITIONAL DATA

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

Yes ☒ No ☐

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

Yes ☒ No ☐

Will commingling decrease the value of production?

Yes ☐ No ☒

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 ☒ 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.

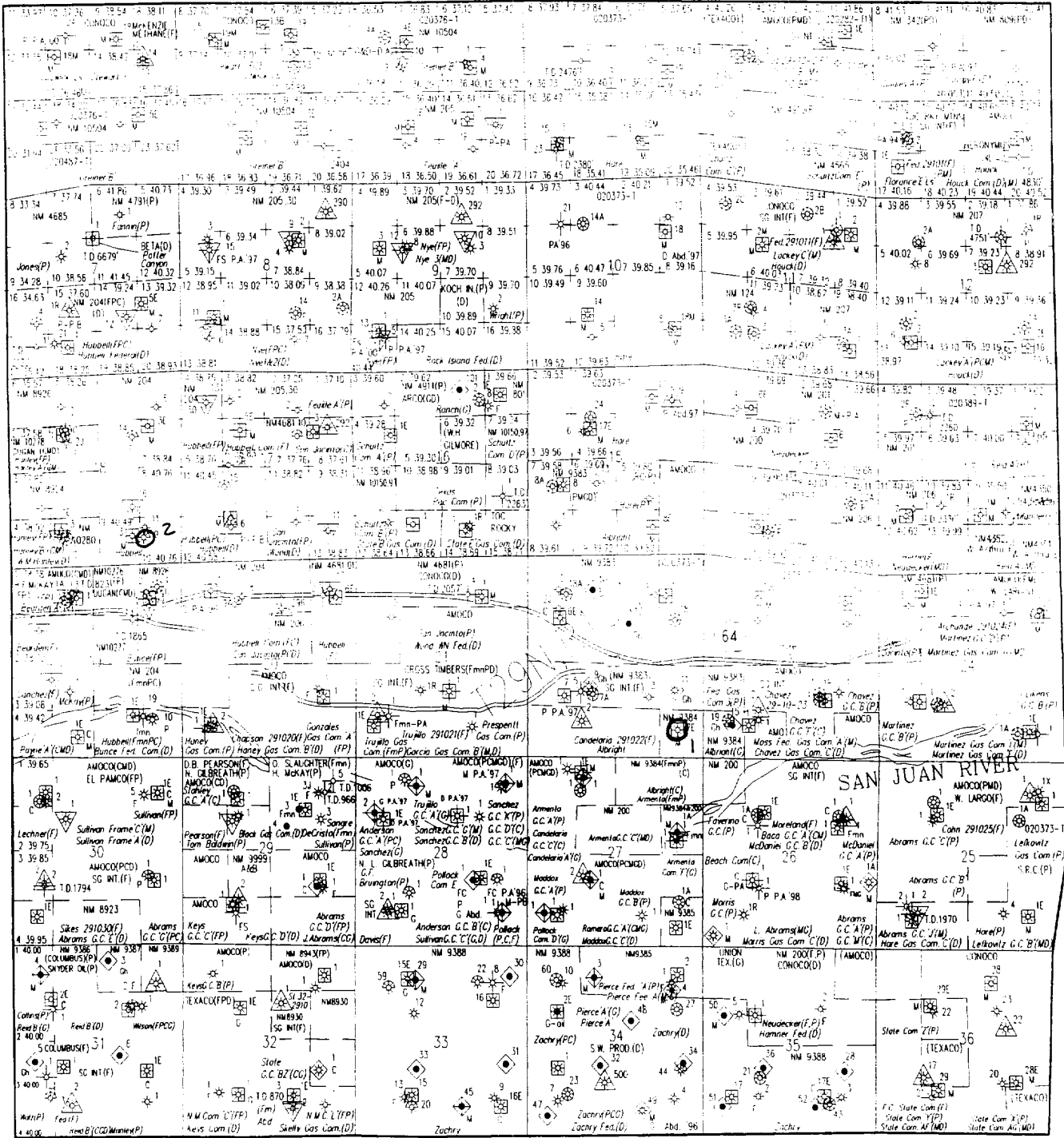
I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE J. Lynn Loveland TITLE Production Engineer DATE 4/10/01

nco

TYPE OR PRINT NAME Lafell Thomas Loveland TELEPHONE NO. (505) 326-9700

ALBRIGHT TE
029N 010W 22 F



1 = Albright #7E
2 = Hubbell #9

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-102
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-045-25057		Pool Code 82329/72319/71599		Pool Name Otero Chacra/Blanco Mesaverde/Basin Dakota	
Property Code 6781		Property Name Albright			Well Number 7E
OGRID No. 14538		Operator Name Burlington Resources Oil & Gas Company			Elevation 5613' GR

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	22	29N	10W		790	South	790	East	San Juan

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

¹² Dedicated Acres
CH: SE/160
MV/DK-S/320

¹³ Joint or Infill

¹⁴ Consolidation Code

¹⁵ Order No.

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

¹⁶				¹⁷ OPERATOR CERTIFICATION	
Original plat from Michael Daly 3-31-81.				I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief	
				Signature <i>Peggy Cole</i> Peggy Cole Printed Name Regulatory Administrator Title Date 12-12-00	
22				¹⁸ SURVEYOR CERTIFICATION	
				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 belief.	
				Date of Survey	
				Signature and Seal of Professional Surveyer:	
				Certificate Number	

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See instructions on
reverse side)Form approved.
Budget Bureau No. 42-R355.6.

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

Union Texas Petroleum Corporation

3. ADDRESS OF OPERATOR

P.O. Box 808, Farmington, New Mexico 87499

4. LOCATION OF WELL (Report location clearly and in accordance with applicable requirements)

At surface 790 ft./S; 790 ft./E line

At top prod. interval reported below Same as above

At total depth Same as above

14. PERMIT NO.

DATE ISSUED

5. LEASE DESIGNATION AND SERIAL NO.

SF081078

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Albright

9. WELL NO.

7-E

10. FIELD AND POOL, OR WILDCAT

Blanco Mesaverde

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 22, T29N, R10W,
N.M.P.M.

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

15. DATE SPUDDED

7/8/82

16. DATE T.D. REACHED

7/28/82

17. DATE COMPL. (Ready to prod.)

10/1/82

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

5625 R.K.B.

19. ELEV. CASINGHEAD

5613

20. TOTAL DEPTH, MD & TVD

6570 MD & TVD

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

6545 MD & TVD

22. IF MULTIPLE COMPL., HOW MANY*

2

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0-6570

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

3951 - 4395 Mesaverde (MD & TVD)

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Induction Electric and Compensated Density

27. WAS WELL CORED

No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
10-3/4"	32.75	502	13-3/4"	See Reverse Side	
7-5/8"	26.40	5195	9-7/8"	See Reverse Side	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
5-1/2", 15.50	4890	6568	See Reverse Side	

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8" E.U.E.	4153	4468

31. PERFORATION RECORD (Interval, size and number)

1 shot per foot at the following depths:
Lower: 4232-36, 4243-46, 4251, 60, 68, 4281, 95, 4388, 4395. (Total of 16-0.34" holes).
Upper: 3951, 61, 62, 63, 64, 65, 66, 67, 68, 69, 81, 82, 83, 84, 85, 86, 87, 4022, 23, 24, 25, 26, 27, 28, 34, 66, 67, 68, 69, 70, 71. (Total of 31-0.34" holes)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4232 - 4395	1000 gal 15% NE HCl, 74,382 gal 10 WGA-02, 87,000 lb 20-40 sand.
3951 - 4071	1600 gal 15% NE NCl, 109,662 gal 10 WGA-02, 120,000 lb 20-40 sand.

33.*

PRODUCTION

35.

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
10/2/82		Flowing				Shut-In	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10/18/82	3	3/4"	→		327		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
205	688	→		2612			

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

Vented - To be sold

TEST WITNESSED BY

Bruce Voiles

35. LIST OF ATTACHMENTS

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

SIGNED

Kenneth E. Roddu

TITLE Production Superintendent

DATE Oct. 26, 1982

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

FARMINGTON

BY

OPERATOR

NOV 1 1982

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

SUBMIT IN DUPLICATE

(See instructions on reverse side)

Form approved
Budget Bureau No. 47 B-1-1-1

5. LEASE DESIGNATION AND SERIAL NO.

SF081078

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Albright

9. WELL NO.

7-E

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 22, T29N, R10W,
N.M.P.M.

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

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

2. TYPE OF COMPLETION:

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

3. NAME OF OPERATOR

Union Texas Petroleum Corporation

4. ADDRESS OF OPERATOR

P.O. Box 808, Farmington, New Mexico 87401

5. LOCATION OF WELL (Report location clearly and in accordance with applicable requirements)

At surface 790 ft./S; 790 ft./E line

At top prod. interval reported below Same as above

At total depth Same as above

14. PERMIT NO.

DATE ISSUED

15. DATE SPUNDED

7/8/82

16. DATE T.D. REACHED

7/28/82

17. DATE COMPL. (Ready to prod.)

9/25/82

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

5625 R.K.B.

19. ELEV. Casinghead

5613

20. TOTAL DEPTH, MD & TVD

6570 MD & TVD

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

6545 MD & TVD

22. IF MULTIPLE COMPL., HOW MANY*

2

23. INTERVALS DRILLED BY

ROTARY TOOLS

0-6570

CABLE TOOLS

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

6396 - 6515 Dakota (MD & TVD)

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Induction Electric and Compensated Density

27. WAS WELL CORED

No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT TULLED
<u>10-3/4"</u>	<u>32.75</u>	<u>502</u>	<u>13-3/4"</u>	<u>See Reverse Side</u>	
<u>7-5/8"</u>	<u>26.40</u>	<u>5195</u>	<u>9-7/8"</u>	<u>See Reverse Side</u>	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
<u>5-1/2", 15.50#</u>	<u>4890</u>	<u>6568</u>	<u>See Reverse Side</u>		<u>2-3/8" EUE</u>	<u>6411</u>	<u>4468</u>

31. PERFORATION RECORD (Interval, size and number)

1-0.34" hole per foot at the following depths:
6396, 98, 6400, 02, 07-10, 18, 55-59, 63-66, 75-79,
80, 87, 89, 92, 93, 95, 97, 6501-04, 6515.
(Total of 35 holes)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
<u>6396 - 6515</u>	<u>2000 gal. 15% NE HCL, 105,000 gal. 40-lb. cross-linked gel, 149,000 lb. 20-40 sand.</u>

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
<u>9/28/82</u>	<u>Flowing</u>	<u>Shut-In</u>

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
<u>10/25/82</u>	<u>3</u>	<u>3/4"</u>	<u>→</u>		<u>187</u>		
WELL NUMBER	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY—API (CORR.)	
<u>117</u>	<u>---</u>	<u>→</u>		<u>1492</u>			

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

Vented - To be sold

TEST WITNESSED BY

Bruce Voiles

35. LIST OF ATTACHMENTS

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

SIGNED

Kenneth E. Roddy
Kenneth E. Roddy

TITLE Production Superintendent

DATE Oct. 26, 1982

NOV 1 1982

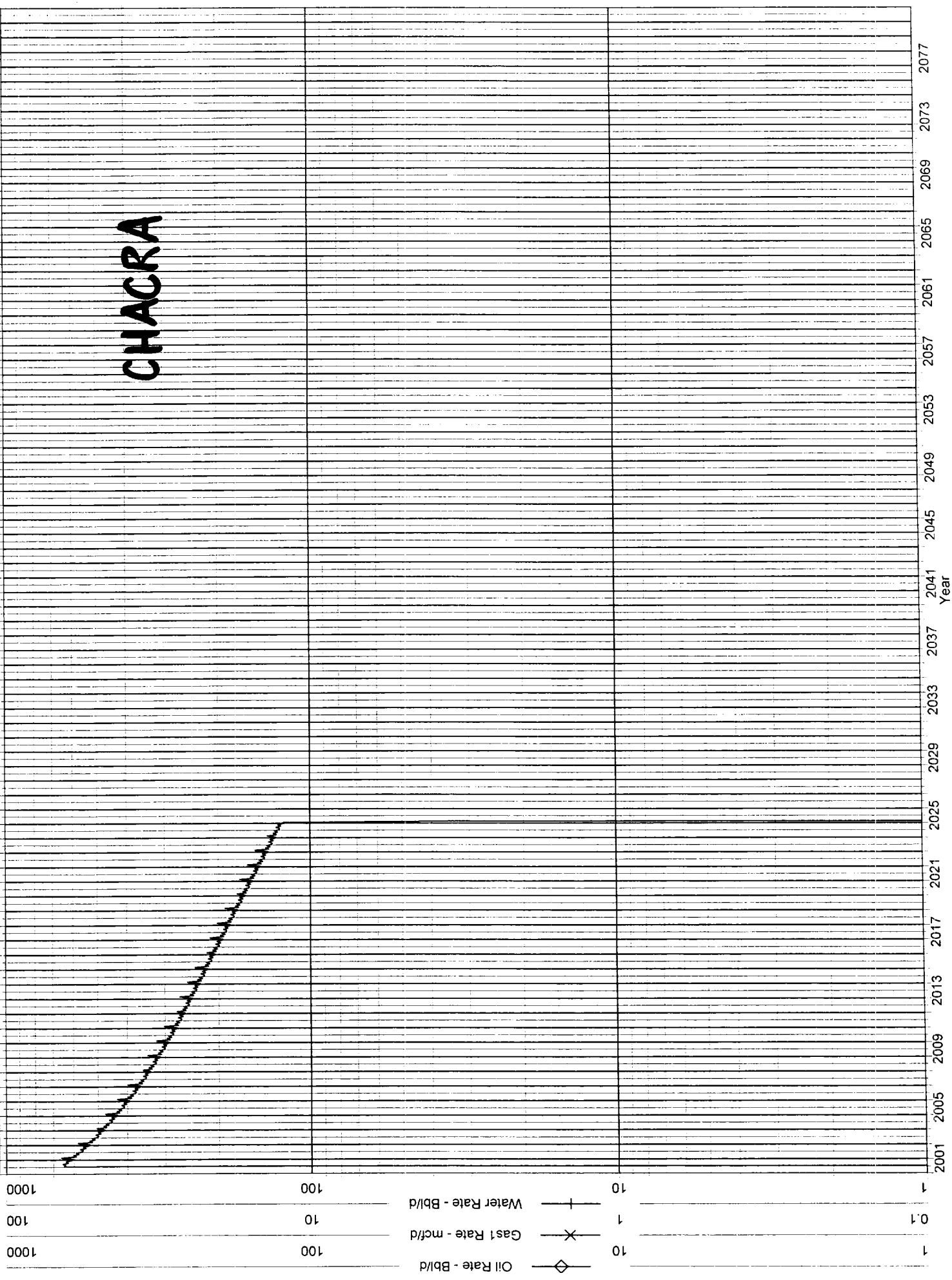
*(See Instructions and Spaces for Additional Data on Reverse Side)

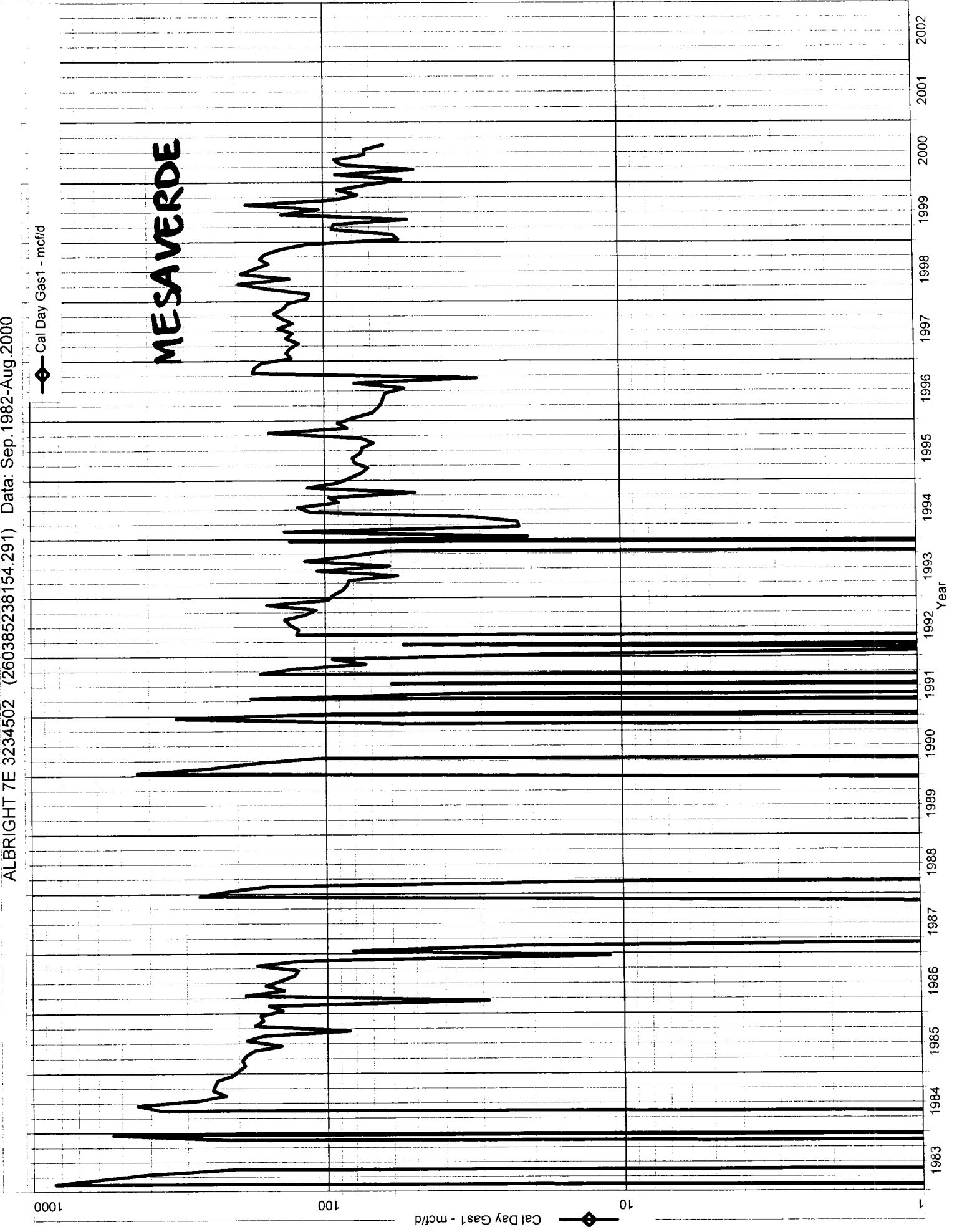
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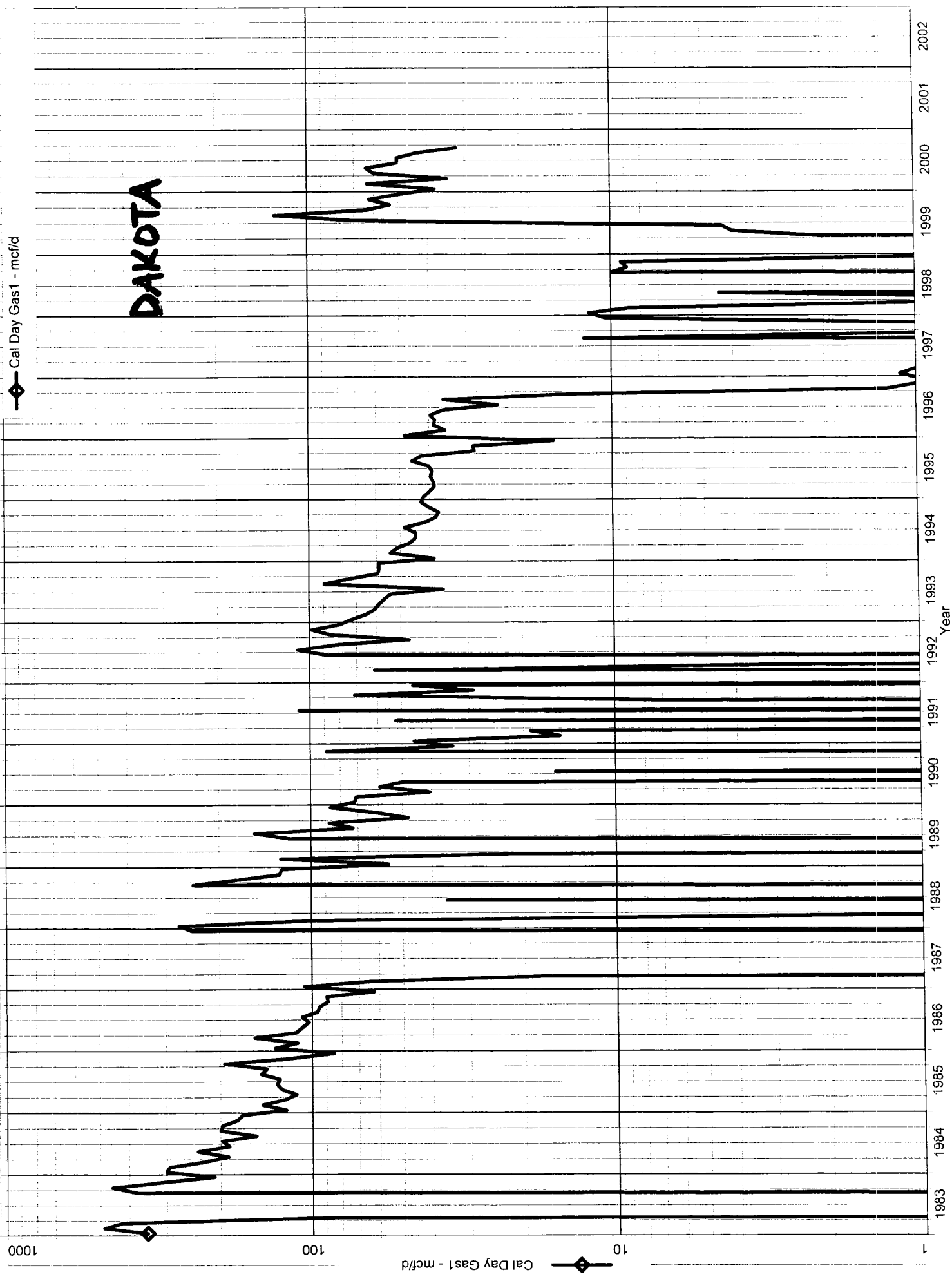
FARMINGTON
BY E. J. ...

{{46C9AD4B-2384-11D5-8016-0090274E6345}} Data: Mar.2001-Mar.2001

CHACRA







ALBRIGHT #7E

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

CHACRA		MESAVERDE	
<u>CH-Current</u>		<u>MV-Current</u>	
GAS GRAVITY	0	GAS GRAVITY	0.7684
COND. OR MISC. (C/M)	C	COND. OR MISC. (C/M)	C
%N2	0	%N2	0.34
%CO2	0	%CO2	0.61
%H2S	0	%H2S	0
DIAMETER (IN)	0	DIAMETER (IN)	1.995
DEPTH (FT)	0	DEPTH (FT)	4173
SURFACE TEMPERATURE (DEG F)	60	SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	0	BOTTOMHOLE TEMPERATURE (DEG F)	128
FLOWRATE (MCFPD)	0	FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	0	SURFACE PRESSURE (PSIA)	379
BOTTOMHOLE PRESSURE (PSIA)	#DIV/0!	BOTTOMHOLE PRESSURE (PSIA)	426.4
<u>CH-Original</u>		<u>MV-Original</u>	
GAS GRAVITY	0.678	GAS GRAVITY	0.7684
COND. OR MISC. (C/M)	C	COND. OR MISC. (C/M)	C
%N2	0.26	%N2	0.34
%CO2	0.3	%CO2	0.61
%H2S	0	%H2S	0
DIAMETER (IN)	2.441	DIAMETER (IN)	1.995
DEPTH (FT)	3004	DEPTH (FT)	4173
SURFACE TEMPERATURE (DEG F)	60	SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	97	BOTTOMHOLE TEMPERATURE (DEG F)	128
FLOWRATE (MCFPD)	0	FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	1107	SURFACE PRESSURE (PSIA)	688
BOTTOMHOLE PRESSURE (PSIA)	1208.7	BOTTOMHOLE PRESSURE (PSIA)	780.6

ALBRIGHT #7E
Bottom Hole Pressures
Flowing and Static BHP
Cullender and Smith Method
Version 1.0 3/13/94

DAKOTA			
<u>DK-Current</u>		<u>Current</u>	
GAS GRAVITY COND. OR MISC. (C/M) %N2 %CO2 %H2S DIAMETER (IN) DEPTH (FT) SURFACE TEMPERATURE (DEG F) BOTTOMHOLE TEMPERATURE (DEG F) FLOWRATE (MCFPD) SURFACE PRESSURE (PSIA)	0.7393 C 0.4 0.61 0 1.995 6456 60 166 0 267 314.7	GAS GRAVITY COND. OR MISC. (C/M) %N2 %CO2 %H2S DIAMETER (IN) DEPTH (FT) SURFACE TEMPERATURE (DEG F) BOTTOMHOLE TEMPERATURE (DEG F) FLOWRATE (MCFPD) SURFACE PRESSURE (PSIA)	0 C 0 0 0 0 60 137 0 0 #DIV/0!
<u>DK-Original</u>		<u>Original</u>	
GAS GRAVITY COND. OR MISC. (C/M) %N2 %CO2 %H2S DIAMETER (IN) DEPTH (FT) SURFACE TEMPERATURE (DEG F) BOTTOMHOLE TEMPERATURE (DEG F) FLOWRATE (MCFPD) SURFACE PRESSURE (PSIA)	0.7393 C 0.4 0.61 0 1.995 6456 60 166 0 1094 1325.5	GAS GRAVITY COND. OR MISC. (C/M) %N2 %CO2 %H2S DIAMETER (IN) DEPTH (FT) SURFACE TEMPERATURE (DEG F) BOTTOMHOLE TEMPERATURE (DEG F) FLOWRATE (MCFPD) SURFACE PRESSURE (PSIA)	0 C 0 0 0 0 60 137 0 0 #DIV/0!

Albright #7E - SICP/Z Data

Zone: Mesaverde

<u>Date</u>	<u>SICP (psig)</u>	<u>Chromatograph Used</u>	<u>Z-Factor</u>	<u>SICP/Z (psig)</u>	<u>Cum Qg (MMCF)</u>	<u>Slope</u>	<u>Y Intercept</u>
9/25/1982	688	5/1/1998	0.8935	770	0	N/A	770
4/5/1983	707	5/1/1998	0.8894	795	53.715	0.463787	770
9/5/1984	583	5/1/1998	0.9089	641	130.823	-0.982785	770
11/5/1985	513	5/1/1998	0.9193	558	203.999	-1.039085	770
5/21/1986	512	5/1/1998	0.9194	557	233.936	-0.911021	770
3/21/1989	771	5/1/1998	0.8816	875	283.518	0.368727	770
7/17/1991	563	5/1/1998	0.9118	617	335.957	-0.454063	770
6/1/1993	503	5/1/1998	0.9208	546	396.828	-0.563825	770
12/31/2000	???	5/1/1998	???	404	649.742	-0.563825	770

Z-Factor = 0.9394
SICP (psig) = 379

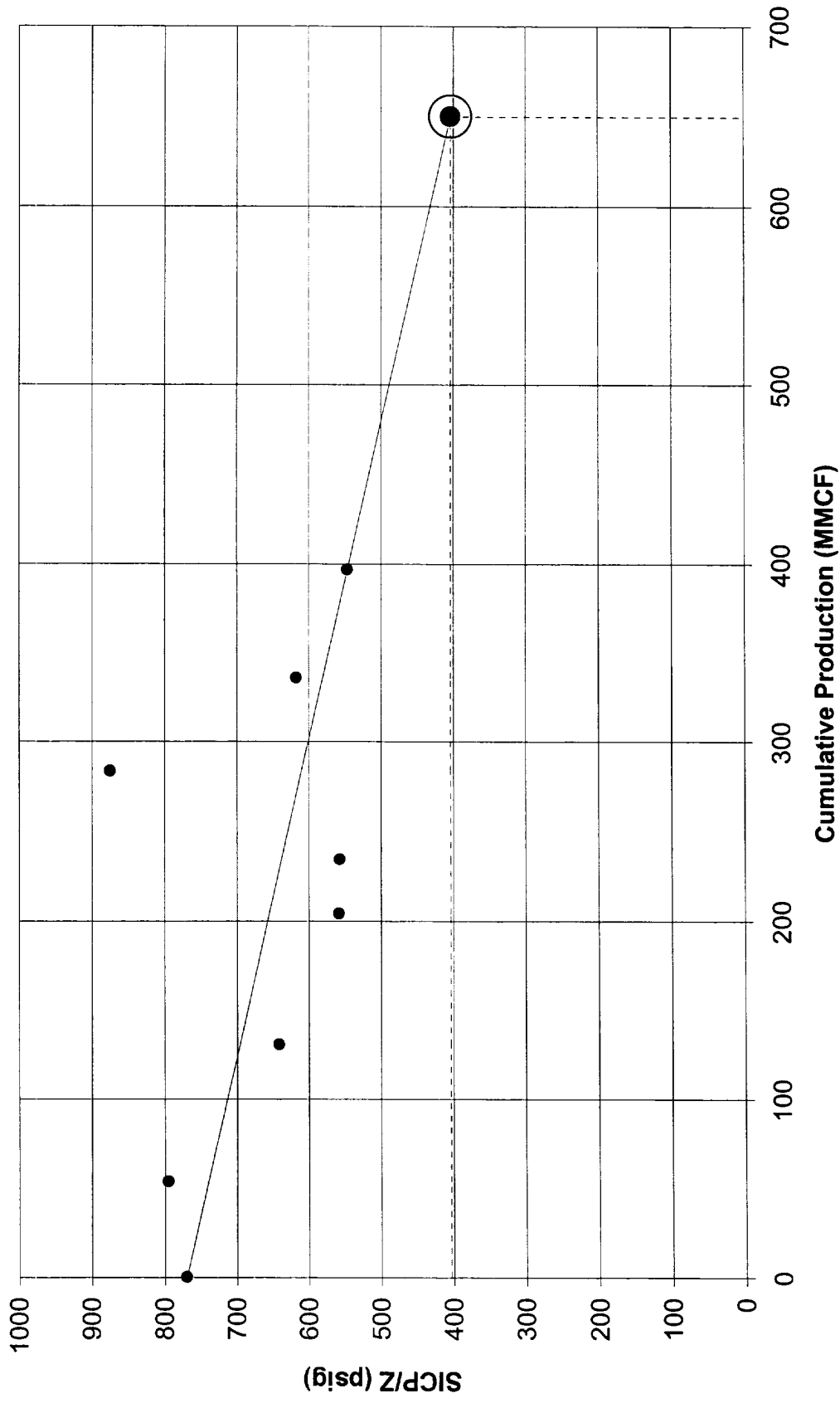
Zone: Dakota

<u>Date</u>	<u>SICP (psig)</u>	<u>Chromatograph Used</u>	<u>Z-Factor</u>	<u>SICP/Z (psig)</u>	<u>Cum Qg (MMCF)</u>	<u>Slope</u>	<u>Y Intercept</u>
10/1/1982	1094	2/1/1998	0.8814	1241	0	N/A	1241
4/5/1983	811	2/1/1998	0.9078	893	40.226	-8.647109	1241
6/13/1984	667	2/1/1998	0.9226	723	124.951	-4.147628	1241
11/5/1985	574	2/1/1998	0.9325	616	203.491	-3.07462	1241
10/1/1988	599	2/1/1998	0.9298	644	277.464	-2.151568	1241
12/31/2000	???	2/1/1998	???	276	448.398	-2.151568	1241

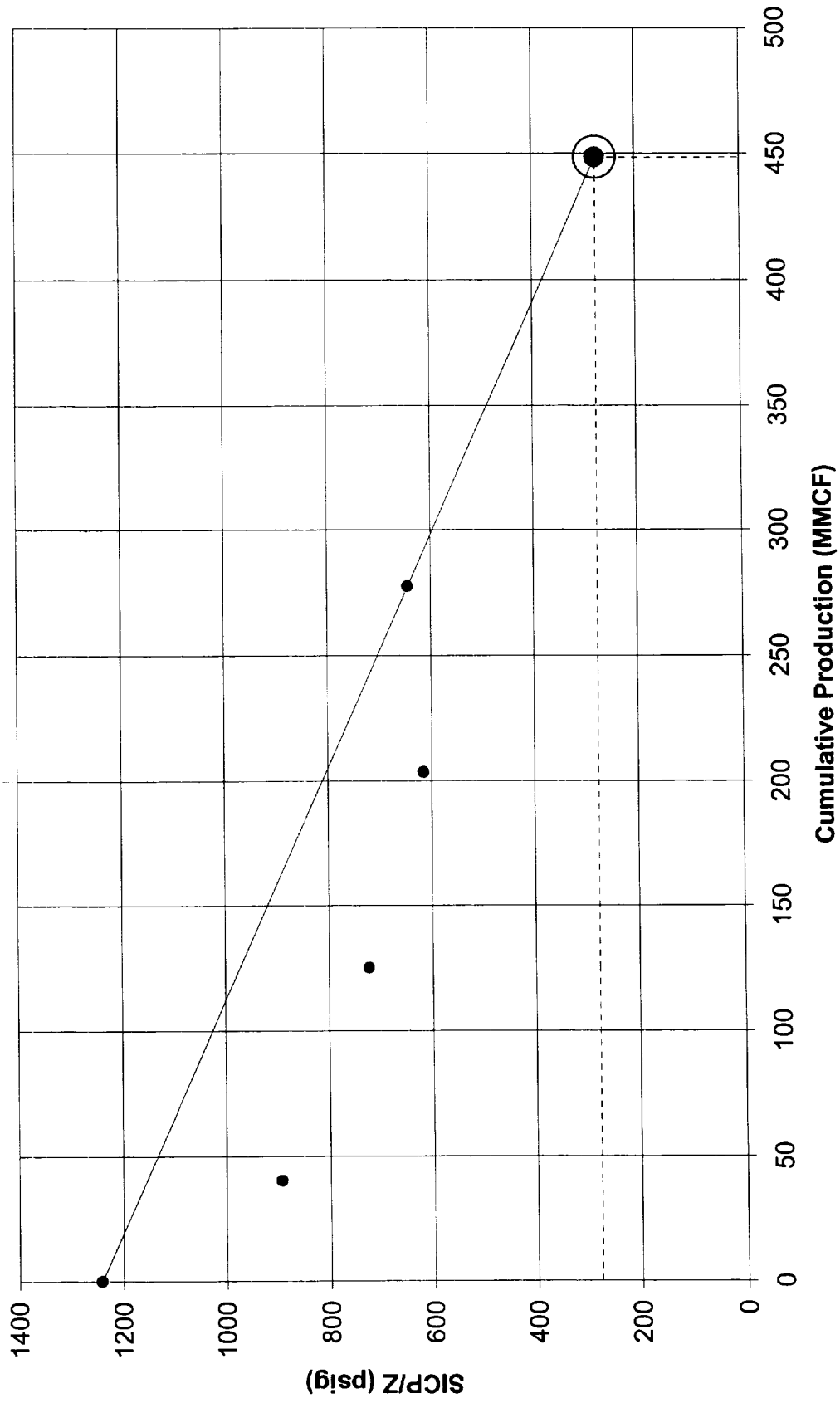
Z-Factor = 0.967
SICP (psig) = 267

NOTE: THESE ARE ESTIMATES OF THE CURRENT RESERVOIR PRESSURE IN EACH ZONE. IT IS REALIZED THAT THE NEAR-WELLBORE PRESSURES FOR EACH ZONE SHOULD BE SIMILAR, DUE TO THEIR COMMINGLED STATUS.

Albright #7E (MV)



Albright #7E (DK)



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

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.**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

El Paso Natural Gas Company

3. ADDRESS OF OPERATOR

PO Box 990, Farmington, NM 87401

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

At surface 790'S, 1155'E

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.)

3-25-72

3-28-72

5-4-72

18. ELEVATIONS (DF, REB, RT, GE, ETC.)*

5607'GL

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

3081'

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

3071'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0-3081'

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

2998-3010'(Chacra)

25. WAS DIRECTIONAL SURVEY MADE

no

26. TYPE ELECTRIC AND OTHER LOGS RUN

I-ES, FDC-, GR, Temp. Survey

27. WAS WELL CORED

no

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

CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24#	139'	12 1/4"	107 cu. ft.	
2 7/8"	6.4#	3081'	6 3/4"	732 cu. ft.	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					tubingless		

31. PERFORATION RECORD (Interval, size and number)

2998-3010' with 24 shots per zone.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
2998-3010'	20,000#sand; 19,800 gal. water

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
5-4-72	3 hrs.	3/4'	→				
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
tubingless	SI 1106	→		1329 AOF			

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

TEST WITNESSED BY

B.J. Broughton

35. LIST OF ATTACHMENTS

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

SIGNED

TITLE

Petroleum Engineer

DATE

May 10, 1972

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



Name

HUBBELL 9 87390

Analysis Name

Analysis:

Analysis: [Navigation icons]

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Analysis

		MOL Fraction	MOL Count	
Effective Date	09/01/1996	Hydrogen (H2)	0.00000	0.0000
		Helium (He)	0.00000	0.0000
Sample Date	08/22/1996	Nitrogen (N2)	0.00260	0.0000
Pressure Base BTU	14.7300	Carbon Dioxide (CO2)	0.00300	0.0000
Wet/Dry	Dry	Hydrogen Sulphide (H2S)	0.00000	0.0000
Heat Content	1.19500000	Methane (C1)	0.85670	0.0000
Specific Gravity	0.678	Ethane (C2)	0.07420	1.9849
Coefficient Factor		Propane (C3)	0.03770	1.0390
Calculation Type		Isobutane (IB4)	0.00550	0.1799
☒ Enter Percentages		Butane	0.01020	0.3216
☐ Enter GPM		Isopentane (IP5)	0.00300	0.1098
		Pentane (P5)	0.00240	0.0869
		Hexane (C6)	0.00000	0.0000
		Heptane (C7)	0.00000	0.0000
O2%	0.00000	Final Totals		Total
Hexane Plus GPM	0.2051		0.9953	
C9 %	0.00470			

09/01/1996

[Navigation icons]

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Start

Inbox

Inbox

zfactor.xls

ReidASRC1M.XLS

ReidASRC1M_2.XLS

Well Block Report
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 ***** 04/02/2001 11:01:57 ***** PAGE 1

*** Well Header ***
 (ROCKY MOUNTAIN - HISTORICAL WELL)

GVT ID: 30045208830000 State: NEW MEXICO County: SAN JUAN
 UWI: 30045208830000
 Oper: EL PASO NAT GAS CO Oper Code: 010319
 Well: 9 Lease: HUBBELL
 Province: SAN JUAN BASIN Prov Code: 580
 Field: OTERO Field Code: 037240
 Prop Source Code: PETROLEUM INFORMATION/DWIGHTS

Meridian: NEW MEXICO 1855 Meridian Code: 23
 Twp: 29.0N Rng: 10.0W Sec: 18.0 Spot: NW SE SE
 Footages: 790FSL 1155FEL CONGRESS SECTION
 Source: GINAD27 Lat: 36.72067 Long: -107.92012

Contr: AZTEC WELL SERVICI Tools: ROTARY Rig Nbr:
 Oper Elev: 5607GR Rig Ht: Rig Release:
 Drlr Depth: 3081 FT TVD: Form @ TD: CHACRA
 Log TD: PB Depth: 3071 FT Form Age @ TD: CRETACEOUS
 Old TD: Proj Depth: 3095 FT Proj Form: CHACRA

Spud Date: 03/25/1972 Date Well Added: 09/01/1972 Abnd Date:
 Comp Date: 05/04/1972 Last Update: 12/01/1998 TD Reached:
 Final Status: GAS Pool:
 Initial Well Class: DEVELOPMENT WELL
 Final Well Class: DEVELOPMENT WELL-GAS
 Prod Formation: 11 CHACRA

Test Information

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Well Number	Test Date	Upper Perf	Lower Perf	Gas MCFD	Liq	Wtr	%BSW	SITP	FTP	CLP	BHP/Z	Gas Grav Mt
9	05/04/1972	2998	3010	1312	0	0		1107			1401	U
9	07/18/1972			696	0	0		744	160		895	U
9	04/16/1973			227	0	0		513	146		594	U
9	07/16/1974			159	0	0		389	166		442	U
9	05/16/1975			111	0	0		366	151		414	U
9	08/01/1977			79	0	0		367	131		416	U
9	04/09/1979			58	0	0		357	135		404	U
9	05/18/1981			49	0	0		368	150		417	U

Test Information

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