

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

Form C-107A
Revised May 15, 2000

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, New Mexico 87505

APPLICATION TYPE

☒ Single Well

Establish Pre-Approved Pools

EXISTING WELLBORE

☒ Yes ☐ No

APPLICATION FOR DOWNHOLE COMMINGLING

Burlington Resources Oil and Gas

3401 East 30th Street, Farmington, New Mexico

Operator

Address

Feuille A

5E

K-04-029N-010W

San Juan

Lease

Well No.

Unit Letter-Section-Township-Range

County

OGRID No. 14538 Property Code 7015 API No. 30-045-26249 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	4028'-4785'	6679'-6773'
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 - 857 psi Original - 857 psi (see attachment)	Current - 719 psi Original - 1825 psi (see attachment)
Oil Gravity or Gas BTU (Degree API or Gas BTU)	BTU 1195 From HUBBELL #9 - OFFSET	BTU 1219 4/00 - Commingled w/ DK	BTU 1082 Sample Date 9/90
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: 15 MCPFD Commingled with DK	Date: Dec 2000 - Feb 2001 Rates: 288 MCPFD Commingled with 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?
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail?

Yes ☐ No ☒
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.
- 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 J. Thom Loveland TITLE Production Engineer DATE 4/12/01
nco
TYPE OR PRINT NAME Lafell Thomas Loveland TELEPHONE NO. (505) 326-9700

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

200 DEC 12 PM 1:55

070 FARMINGTON, NM AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045-26249		*Pool Code 82329/72319/71599	*Pool Name Otero Chacra/Blanco Mesaverde/Basin Dakota	
*Property Code 7015	*Property Name FEUILLE A			*Well Number 5E
*GRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY			*Elevation 5892'

10 Surface Location

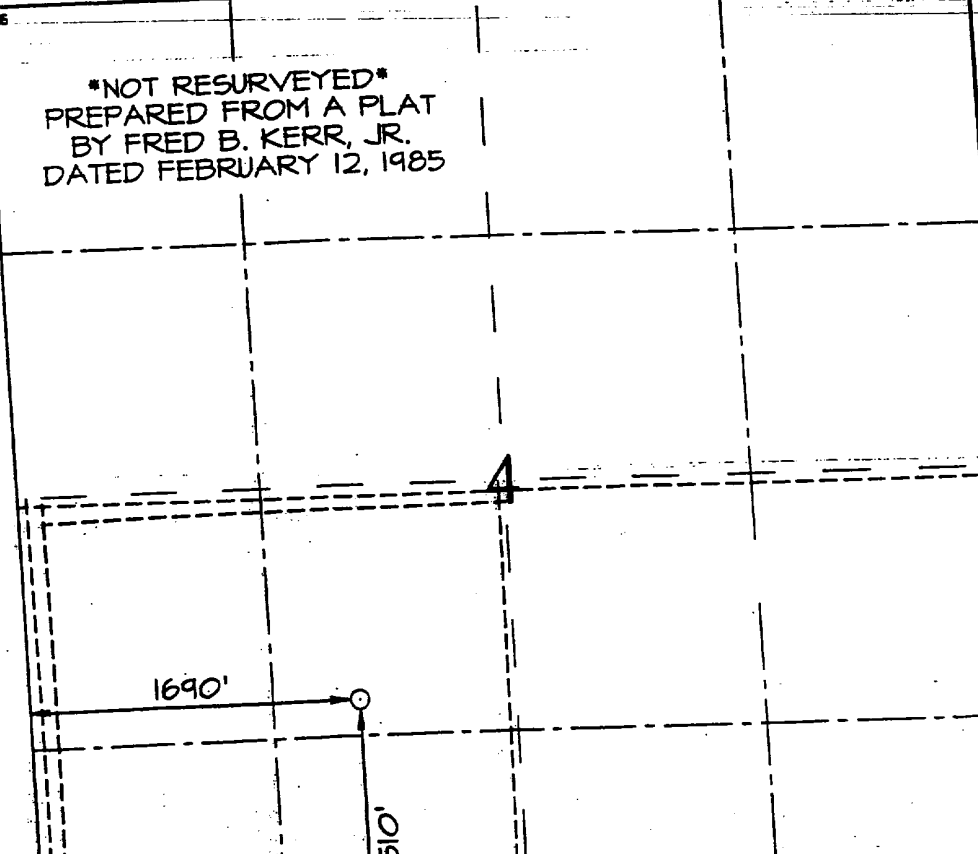
UL or lot no.	Section	Township	Range	Lot 10	Feet from the	North/South line	Feet from the	East/West line	County
K	4	29N	10W		1510	SOUTH	1690	WEST	SAN JUAN

11 Bottom Hole Location If Different From Surface

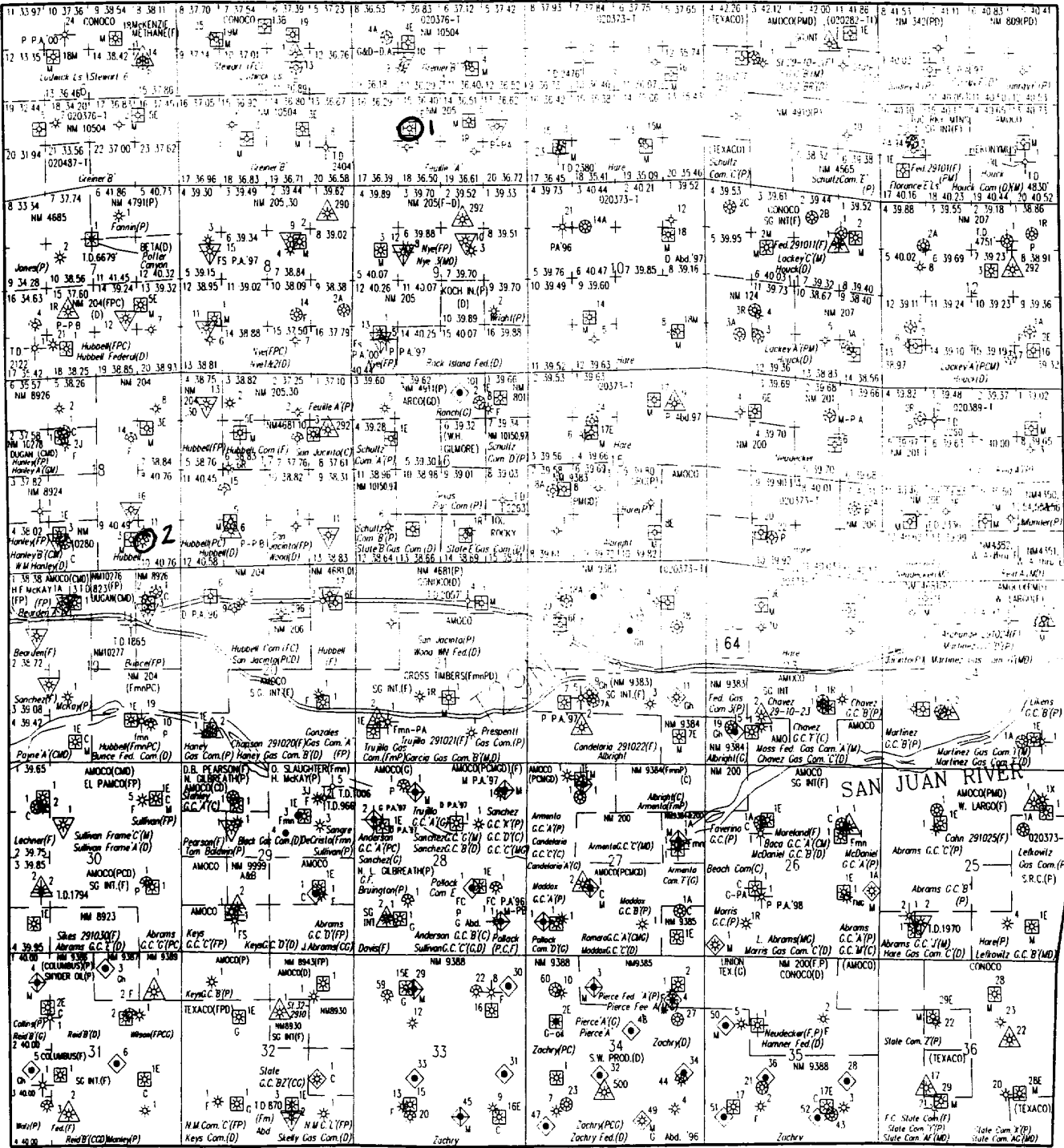
UL or lot no.	Section	Township	Range	Lot 10	Feet from the	North/South line	Feet from the	East/West line	County

*Dedicated Acres CH:SW/145.58 MV/DK:S/292.04	*Joint or Infill	*Consolidation Code	*Order No.
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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

NOT RESURVEYED PREPARED FROM A PLAT BY FRED B. KERR, JR. DATED FEBRUARY 12, 1985 	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Signature Peggy Cole Printed Name Regulatory Supervisor Title 12-12-00 Date
	18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this was plotted from field notes of actual surveys made or under my supervision, and that the same is true correct to the best of my belief. MARCH 5, 1999 Date of Survey  Signature and Seal of Professional Surveyor 

029N 010W 4 K



1 = Reid A SRC 1M

2 = Hubbell 9 - CH offset

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

FOR APPROVED
OMB NO. 1004-0137

Expires: December 31, 1991

5. LEASE DESIGNATION AND SERIAL NO.

SF-078197

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

Feuille A #5E

9. API WELL NO.

30-045-26249

10. FIELD AND POOL, OR WILDCAT

Blanco MV/Basin DK

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

Sec.4, T-29-N, R-10-W

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

BURLINGTON RESOURCES OIL & GAS COMPANY

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 1510'FSL, 1690'FWL

DHC-2442

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR PARISH
San Juan

13. STATE
New Mexico

15. DATE SPUDDED
5-5-85

16. DATE T.D. REACHED
6-2-85

17. DATE COMPL. (Ready to prod.)
1-12-00

18. ELEVATIONS (DF, RKB, RT, BR, ETC.)*
5892'GL

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD
6975'

21. PLUG, BACK T.D., MD & TVD
6954'

22. IF MULTIPLE COMPL., HOW MANY*
two

23. INTERVALS DRILLED BY
ROTARY TOOLS
0-6975'

CABLE TOOLS

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

4028-4785' Messverde commingle w/Dakota

25. WAS DIRECTIONAL SURVEY MADE
no

26. TYPE ELECTRIC AND OTHER LOGS RUN

CBL-GR-CCL; Comp. Den. Comp. Neutron Log; IND-G-RL; Temp survey

27. WAS WELL CORED
no

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
9 5/8	36	225'	12 1/4	103 cu ft	
4 1/2	10.5	6975'	7 7/8	1915 cu ft	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8	6710'	

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
4028, 4036, 4044, 4054, 4058, 4246, 4250, 4253, 4256, 4277, 4280, 4284, 4394, 4398, 4402, 4436, 4443, 4450, 4454, 4461, 4466, 4513, 4517, 4521, 4524, 4583, 4588, 4593, 4597, 4601, 4605, 4611, 4619, 4622, 4627, 4632, 4637, 4647, 4660, 4667, 4705, 4713, 4722, 4734, 4755, 4767, 4775, 4785	
	DEPTH INTERVAL (MD)
	4028-4524'
	AMOUNT AND KIND OF MATERIAL USED
	150,000 gal slk wtr, 120,000# 20/40 AZ snd
	4583-4785'
	150,000 gal slk wtr, 120,000# 20/40 AZ snd

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

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL—BBL	GAS—MCF	WATER—BBL	GAS-OIL RATIO
1-12-00					1958 Pitot gauge		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL	GAS—MCF	WATER—BBL	OIL GRAVITY-API (CORR.)	
SI 738	SI 759						

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
To be sold
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 Administrator

DATE 1-14-00

ACCEPTED FOR RECORD

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

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

OPERATOR

FEB 01 2000
FARMINGTON FIELD OFFICE
BY

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

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. RENVR. ☐ Other _____

2. NAME OF OPERATOR
El Paso Natural Gas Company

3. ADDRESS OF OPERATOR
P. O. Box 4289, Farmington, NM 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State Requirements)
At surface 1510'S 1690'W
At top prod. interval reported below
At total depth

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

14. PERMIT NO. DATE ISSUED

5. LEASE DESIGNATION AND SERIAL NO.

SF 078197

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Feuille A

9. WELL NO.

5E

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

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

Sec. 4, T-29-N, R-10-W
NMPM

12. COUNTY OR PARISH

San Juan

13. STATE

NM

15. DATE SPUDDED 5-5-85 16. DATE T.D. REACHED 6-2-85 17. DATE COMPL. (Ready to prod.) 7-5-85 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5892' GL 19. ELEV. CASINGHEAD 5892'

20. TOTAL DEPTH, MD & TVD 6975' 21. PLUG, BACK T.D., MD & TVD 6954' 22. IF MULTIPLE COMPL., HOW MANY* One 23. INTERVALS DRILLED BY Rotary TOOLS CABLE TOOLS NO

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 6679-6773 (Basin Dakota) 25. WAS DIRECTIONAL SURVEY MADE NO

26. TYPE ELECTRIC AND OTHER LOGS RUN CBL-GR-CCL; Comp. Den. Comp. Neutron Log; Ind-G-RL; Temp Survey 27. WAS WELL CORRED NO

CASING RECORD (Report all strings set in well)					
CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9 5/8"	36	225	12 1/4"	103 cu ft	
4 1/2"	10.5	6975	7 7/8"	1915 cu ft	

LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	6771'	

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
6679, 6682, 6685, 6705, 6708, 6720, 6723, 6726, 6740, 6743, 6746, 6749, 6752, 6755, 6758, 6761, 6764, 6767, 6773, w/20 SPZ.		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6770'		6679-6773	55,000# 20/40 sand & 64,325 gals wti

33.* PRODUCTION							
DATE FIRST PRODUCTION 6-22-85		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Shut in	
DATE OF TEST 7-5-85	HOURS TESTED 3 Hrs.	CHOKE SIZE 3/4"	PROD'N. FOR TEST PERIOD	OIL—BBL. 0	GAS—MCF. 277 MCF	WATER—BBL. 0	GAS-OIL RATIO
FLOW. TUBING PRESS. SI 1492	CASINO PRESSURE SI 1540	CALCULATED 24-HOUR RATE	OIL—BBL. 0	GAS—MCF. 1911	WATER—BBL. 0	OIL GRAVITY-API (CORR.)	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Shut in to be Sold TEST WITNESSED BY Bobby Haire

35. LIST OF ATTACHMENTS Cement Record ACCEPTED FOR RECORD

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records. JUL 25 1985 7-18-85
SIGNED [Signature] TITLE Drilling Clerk DATE [Signature]
FARMINGTON RESOURCE AREA

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

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 or to attempt to do so to any matter within its jurisdiction.

OPERATOR

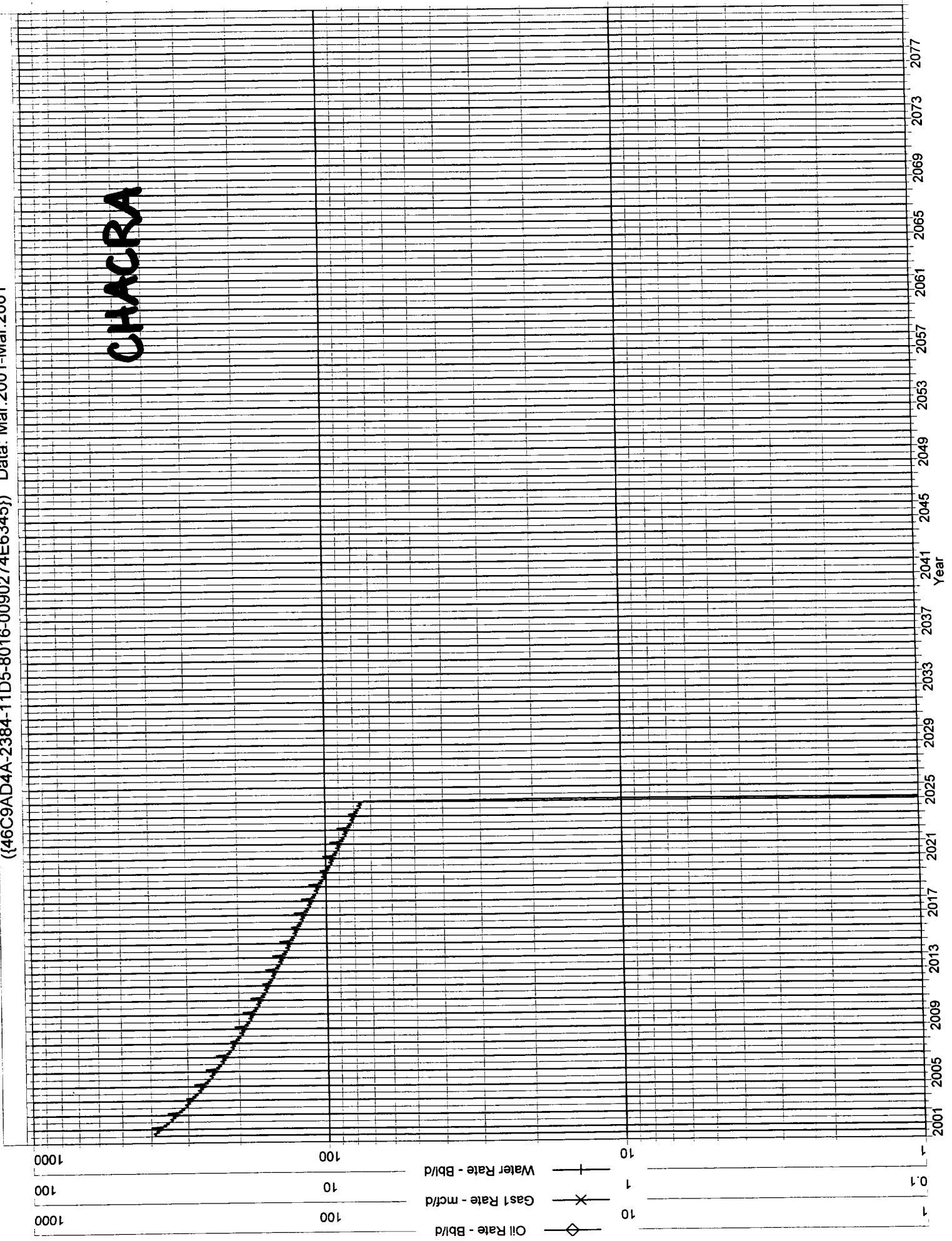
FEUILLE A #5E
Bottom Hole Pressures
Flowing and Static BHP
Cullender and Smith Method
Version 1.0 3/13/94

CHACRA		MESAVERDE	
<u>CH-Current</u>		<u>MV-Current</u>	
GAS GRAVITY	0	GAS GRAVITY	0.701
COND. OR MISC. (C/M)	C	COND. OR MISC. (C/M)	C
%N2	0	%N2	0.35
%CO2	0	%CO2	0.67
%H2S	0	%H2S	0
DIAMETER (IN)	0	DIAMETER (IN)	1.995
DEPTH (FT)	0	DEPTH (FT)	4407
SURFACE TEMPERATURE (DEG F)	60	SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	0	BOTTOMHOLE TEMPERATURE (DEG F)	124
FLOWRATE (MCFPD)	0	FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	0	SURFACE PRESSURE (PSIA)	759
BOTTOMHOLE PRESSURE (PSIA)	#DIV/0!	BOTTOMHOLE PRESSURE (PSIA)	856.9
<u>CH-Original</u>		<u>MV-Original</u>	
GAS GRAVITY	0.678	GAS GRAVITY	0.701
COND. OR MISC. (C/M)	C	COND. OR MISC. (C/M)	C
%N2	0.26	%N2	0.35
%CO2	0.3	%CO2	0.67
%H2S	0	%H2S	0
DIAMETER (IN)	2.441	DIAMETER (IN)	1.995
DEPTH (FT)	3004	DEPTH (FT)	4407
SURFACE TEMPERATURE (DEG F)	60	SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	97	BOTTOMHOLE TEMPERATURE (DEG F)	124
FLOWRATE (MCFPD)	0	FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	1107	SURFACE PRESSURE (PSIA)	759
BOTTOMHOLE PRESSURE (PSIA)	1208.7	BOTTOMHOLE PRESSURE (PSIA)	856.7

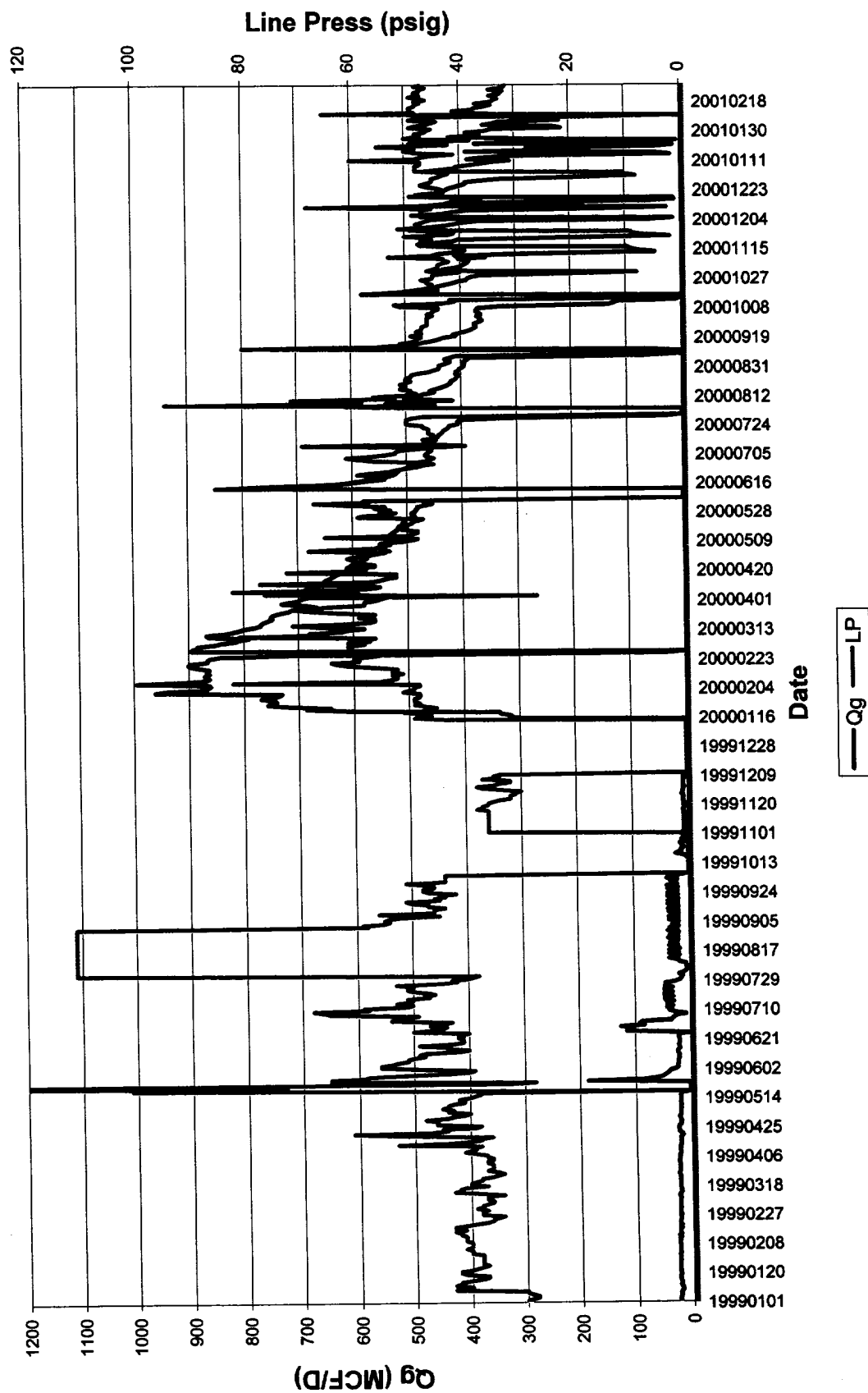
FEUILLE A #5E
Bottom Hole Pressures
Flowing and Static BHP
Cullender and Smith Method
Version 1.0 3/13/94

DAKOTA			
<u>DK-Current</u>		<u>Current</u>	
GAS GRAVITY	0.649	GAS GRAVITY	0
COND. OR MISC. (C/M)	C	COND. OR MISC. (C/M)	C
%N2	0.75	%N2	0
%CO2	1.7	%CO2	0
%H2S	0	%H2S	0
DIAMETER (IN)	1.995	DIAMETER (IN)	0
DEPTH (FT)	6726	DEPTH (FT)	0
SURFACE TEMPERATURE (DEG F)	60	SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	158	BOTTOMHOLE TEMPERATURE (DEG F)	137
FLOWRATE (MCFPD)	0	FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	614	SURFACE PRESSURE (PSIA)	0
BOTTOMHOLE PRESSURE (PSIA)	719.0	BOTTOMHOLE PRESSURE (PSIA)	#DIV/0!
<u>DK-Original</u>		<u>Original</u>	
GAS GRAVITY	0.6316	GAS GRAVITY	0
COND. OR MISC. (C/M)	C	COND. OR MISC. (C/M)	C
%N2	0.47	%N2	0
%CO2	1.76	%CO2	0
%H2S	0	%H2S	0
DIAMETER (IN)	1.995	DIAMETER (IN)	0
DEPTH (FT)	6726	DEPTH (FT)	0
SURFACE TEMPERATURE (DEG F)	60	SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	158	BOTTOMHOLE TEMPERATURE (DEG F)	137
FLOWRATE (MCFPD)	0	FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	1540	SURFACE PRESSURE (PSIA)	0
BOTTOMHOLE PRESSURE (PSIA)	1825.3	BOTTOMHOLE PRESSURE (PSIA)	#DIV/0!

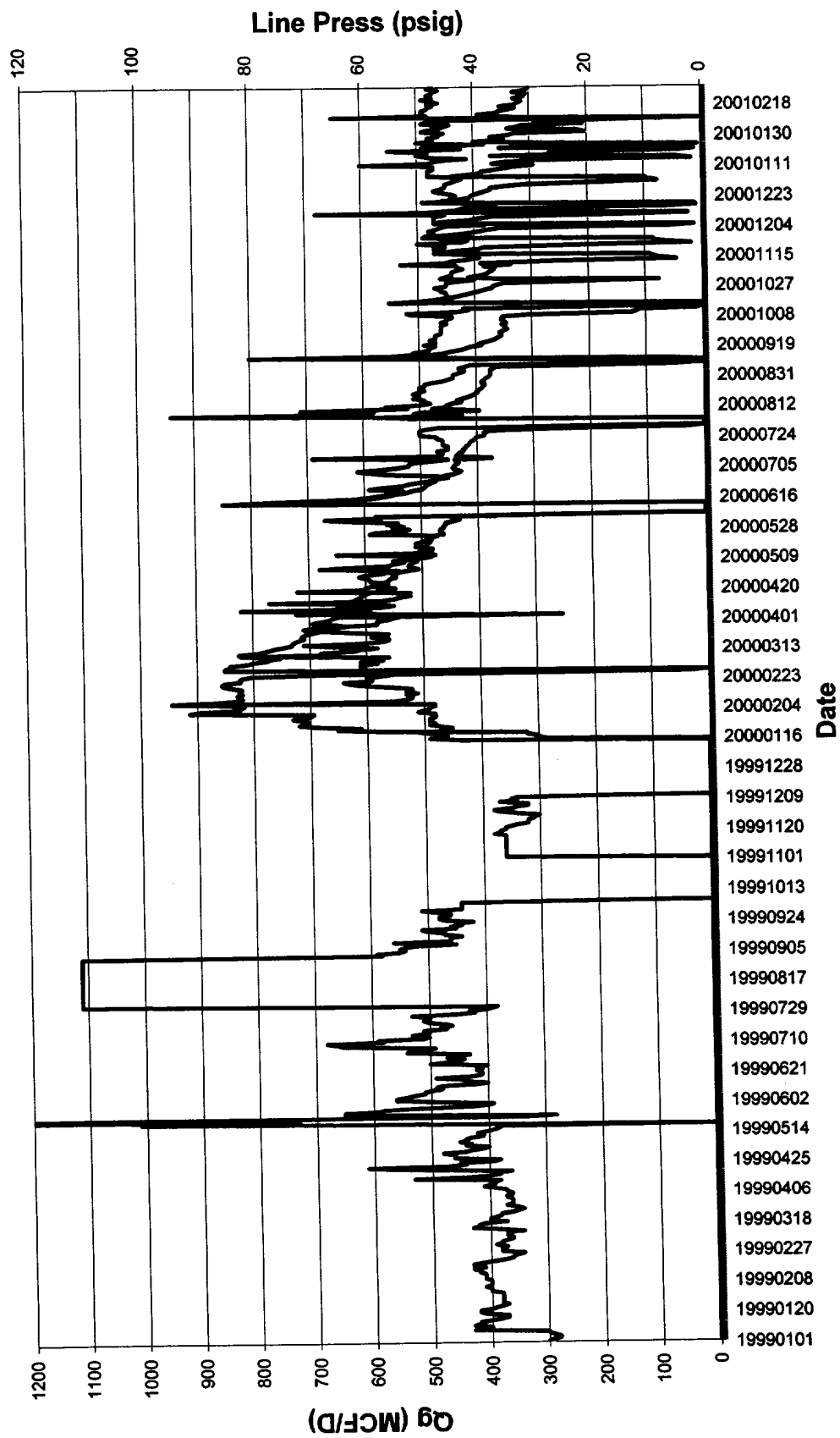
CHACRA



Feuille A #5E (MV and DK)

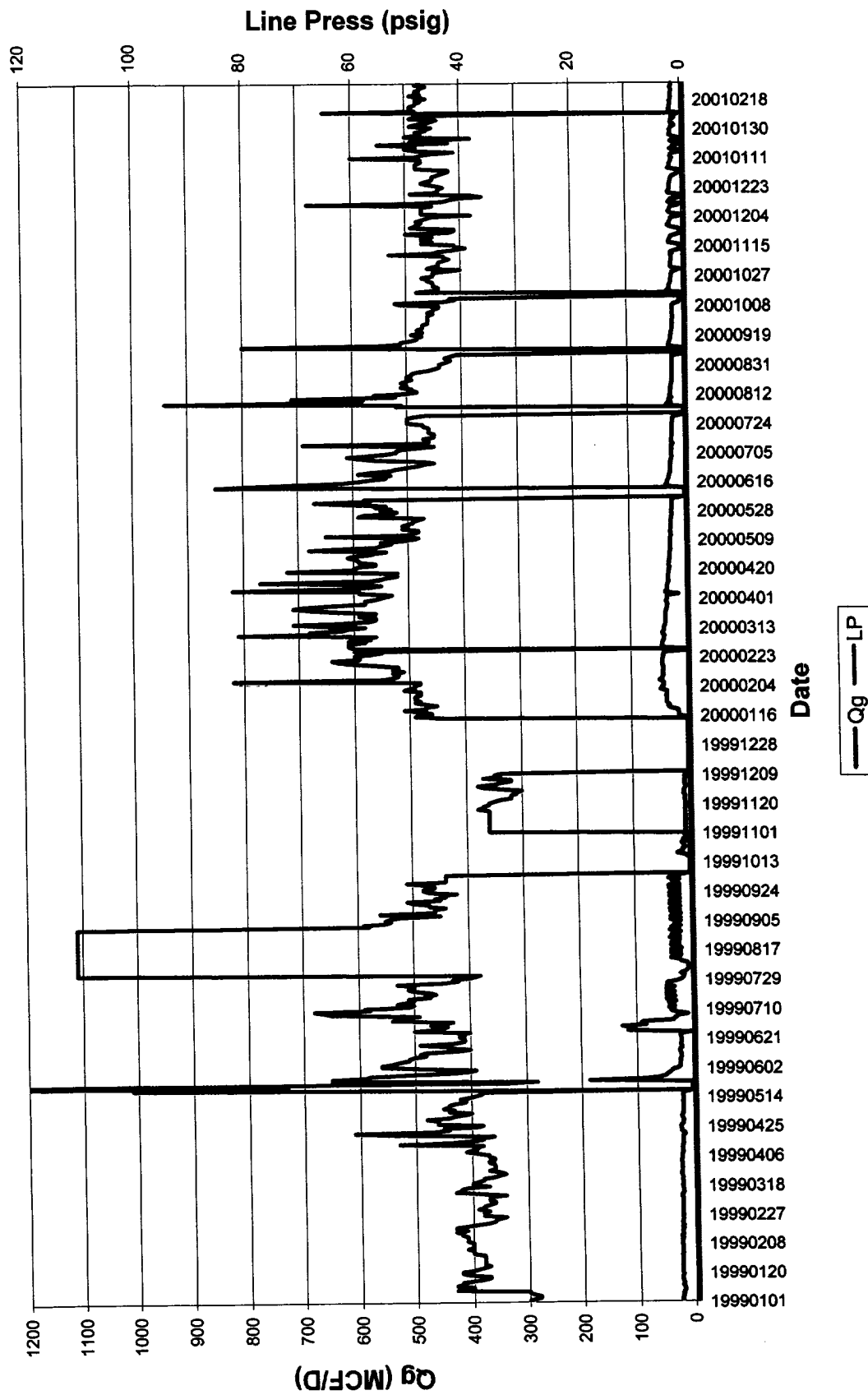


Feuille A #5E (MV only)



— Qg — LP

Feuille A #5E (DK only)

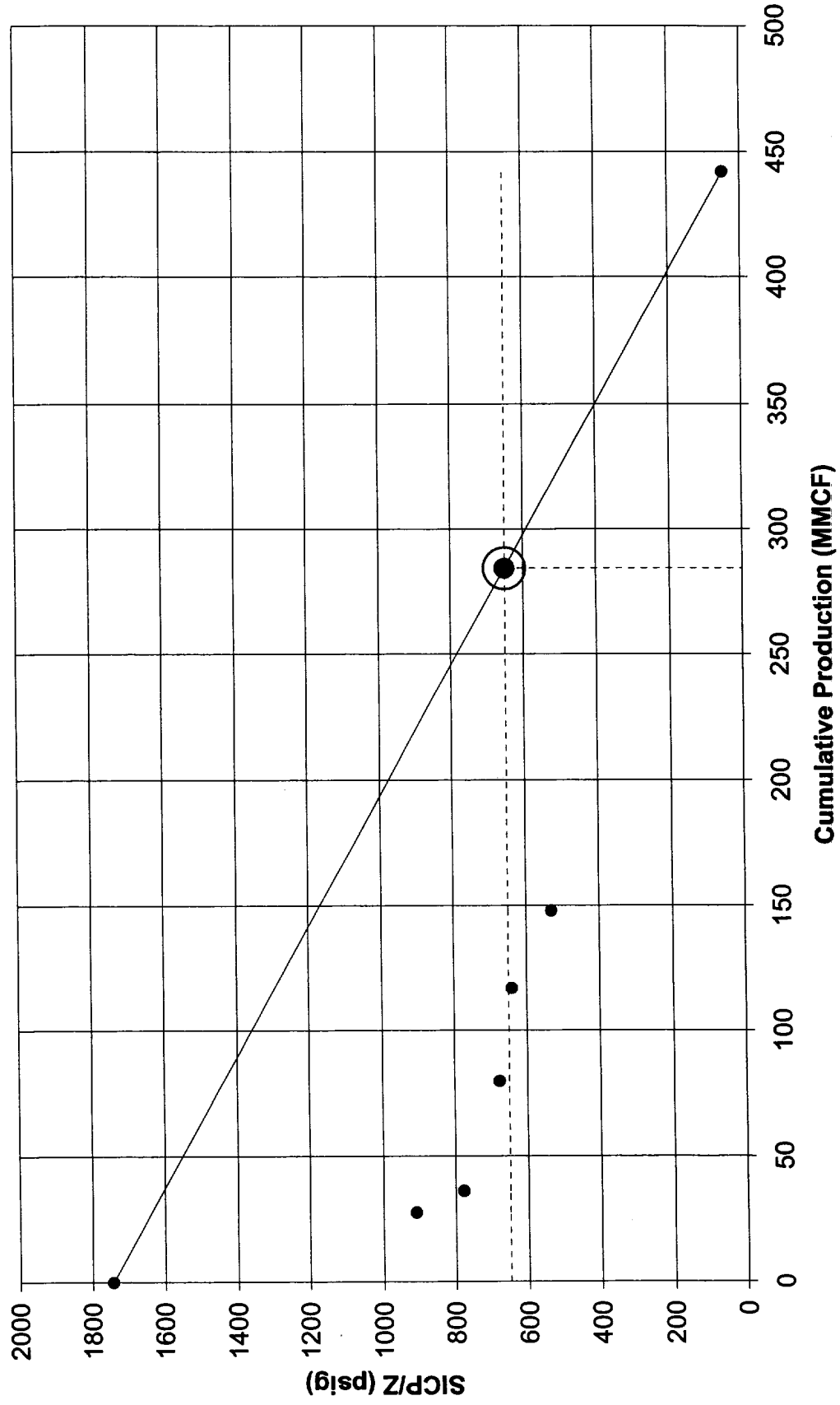


Feuille A #5E - SICP/Z Data

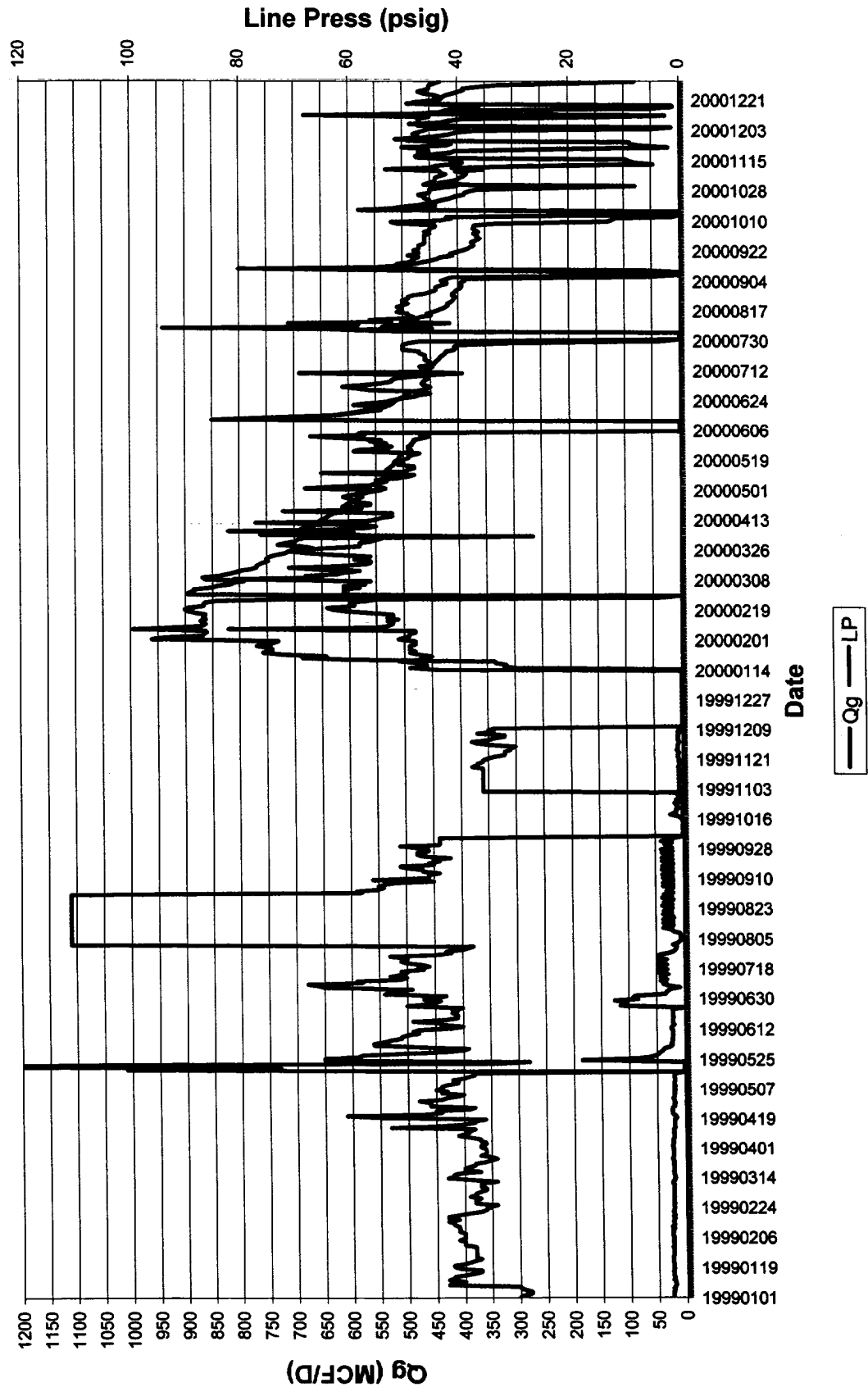
Zone: Dakota							
<u>Date</u>	<u>SICP (psig)</u>	<u>Chromatograph Used</u>	<u>Z-Factor</u>	<u>SICP/Z (psig)</u>	<u>Cum Qg (MMCF)</u>	<u>Slope</u>	<u>Y Intercept</u>
7/18/1985	1540	9/12/1990	0.8834	1743	0	N/A	1743
10/11/1985	840	9/12/1990	0.9251	908	27.711	-30.14163	1743
6/3/1986	726	9/12/1990	0.9342	777	36.084	-26.77445	1743
6/2/1987	637	9/12/1990	0.9411	677	79.692	-13.38148	1743
10/14/1988	605	9/12/1990	0.9438	641	116.758	-9.440373	1743
4/9/1990	504	9/12/1990	0.9523	529	147.852	-8.211047	1743
???	47	N/A	1	47	441.741	-3.839953	1743
 							
12/31/2000	???	9/12/1990	???	651	284.409	-3.839953	1743
Z-Factor = 0.943 SICP (psig) = 614							

NOTE: EXTENDING A STRAIGHT LINE FROM THE FIRST PRESSURE POINT (7/18/85) THROUGH THE LATEST ACTUAL PRESSURE POINT (4/9/90) RESULTS IN AN ESTIMATE OF THE CURRENT SICP AS APPROXIMATELY -500 PSIG. BECAUSE THE SICP/Z VS. CUMULATIVE PRODUCTION PROFILE FOR A TIGHT ZONE SUCH AS THE DAKOTA WILL RESEMBLE A HYPERBOLIC DECLINE, IT IS KNOWN THAT NEAR-WELLBORE PRESSURE, AND HENCE SICP, WILL BE MAINTAINED LONGER THAN THIS PREDICTS. TO ARRIVE AT OUR ESTIMATE OF THE CURRENT SICP, RATE-TIME ANALYSIS WAS USED TO OBTAIN AN ULTIMATE RECOVERY FOR THE ZONE (441.741 MMCF) AT A SICP OF 47 PSIG (AVERAGE LINE PRESSURE FOR 2000). THEN, A STRAIGHT LINE FROM THE INITIAL PRESSURE POINT TO THIS ULTIMATE RECOVERY AT 47 PSIG ALLOWED THE CALCULATION OF THE SICP FOR A CUMULATIVE RECOVERY OF 284.409 MMCF (12/31/00).

Feuille A #5E (DK)



Feuille A #5E



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

(See other in-
structions on
reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.

SF 078716-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Hubbell

9. WELL NO.

9

10. FIELD AND POOL, OR WILDCAT

Undes Chacra

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

Sec. 18, T-29-N, R-10-W
NMPM

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

15. DATE SPUDDED

3-25-72

16. DATE T.D. REACHED

3-28-72

17. DATE COMPL. (Ready to prod.)

5-4-72

18. ELEVATIONS (DF, BEB, RT, CR, 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

0-3081'

CABLE TOOLS

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)

CASING 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)

flowing

WELL STATUS (Producing or shut-in)

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

[Signature]

TITLE

Petroleum Engineer

DATE

May 10, 1972

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