

DATE IN 4/6/01	SUBSE 4/26/01	ENGINEER DC	LOGGED IN KW	TYPE DHC	APP NO. 110032438
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ABOVE THIS LINE FOR DIVISION USE ONLY

2268

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

1220 South St. Francis Drive, Santa Fe, NM 87505



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]

[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

Print or Type Name

Signature

Regulatory Supervisor

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

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

Reid A SRC

1M

J-13-029N-010W

San Juan

Lease

Well No.

Unit Letter-Section-Township-Range

County

OGRID No. 14538 Property Code 18608 API No. 30-045-24497 Lease Type: ☒ Federal ☐ State ☐ Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Unda 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	3801'-4481'	6460'-6637'
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 - 309 psi Original - 788 psi (see attachment)	Current - 115 psi Original - 1699 psi (see attachment)
Oil Gravity or Gas BTU (Degree API or Gas BTU)	BTU 1195 From HUBBELL #9 - OFFSET	BTU 1272 Commingled w/DK	BTU 1272 Commingled w/MV
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: 73 MCPFD Commingled w/DK	Date: Dec 2000 - Feb 2001 Rates: 73 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?
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:

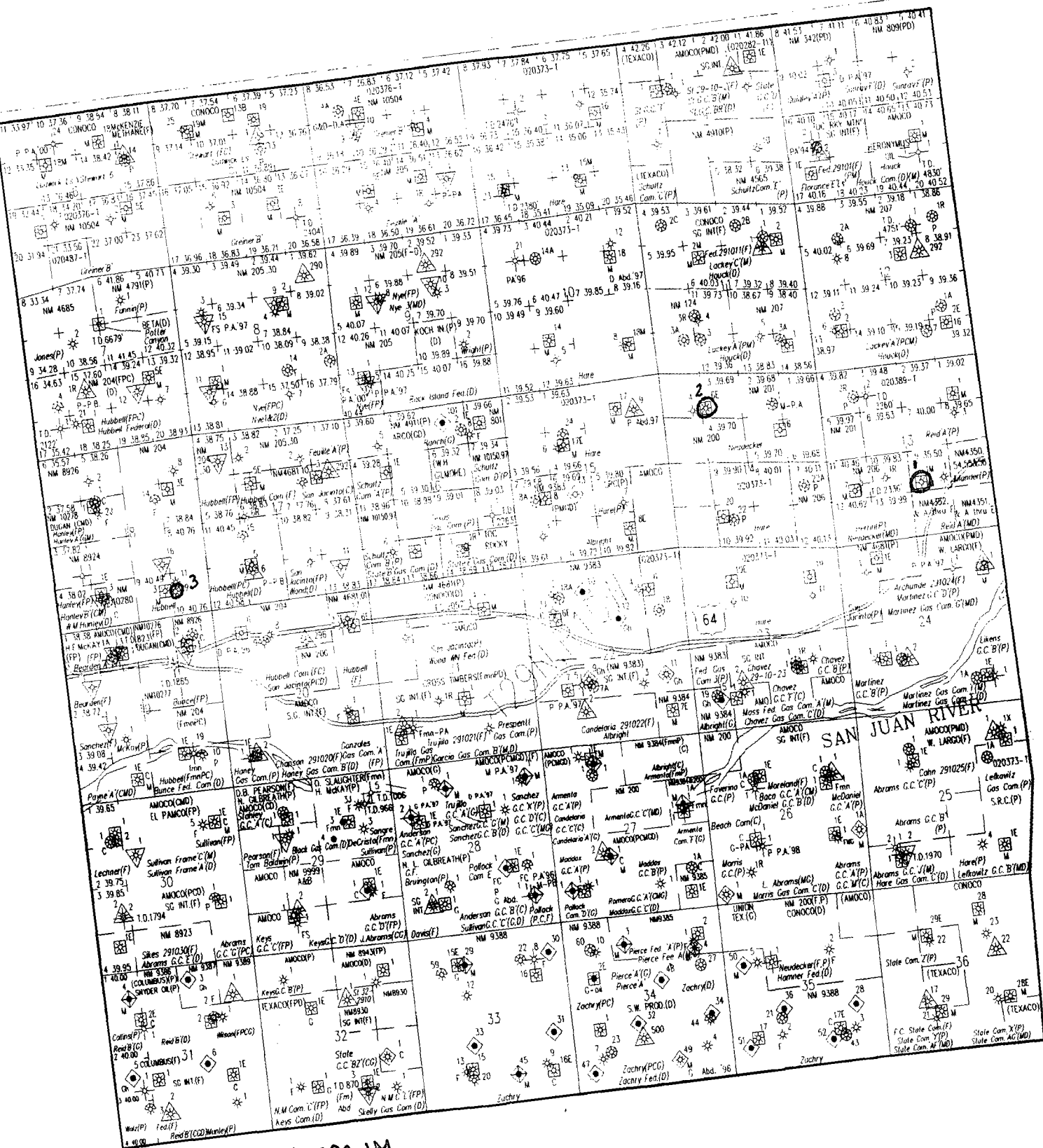
- List of other orders approving downhole commingling within the proposed Pre-Approved Pools
- List of all operators within the proposed Pre-Approved Pools
- Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application.
- Bottomhole pressure data.

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

SIGNATURE Y. Yom Yom TITLE Production Engineer DATE 4/6/01
nco

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

REID A SRC IM
029N 010W 13 J



District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brason 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 30-045-24497		Pool Code 82329/72319/71599		Pool Name Otero Chacra/Blanco Mesaverde/Basin Dakota	
Property Code 7417		Property Name Reid A			Well Number 1M
OGRID No. 14538		Operator Name Burlington Resources Oil & Gas Company			Elevation 5668' 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
J	13	29N	10W		1510	South	2390	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/155.50
MV/DK: E/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

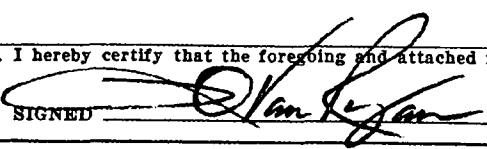
16 Original plat from Fred B. Kerr Jr. 4-10-80.				17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief <i>Peggy Cole</i> Signature Peggy Cole Printed Name Regulatory Supervisor Title Date			
13				18 SURVEYOR CERTIFICATION 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 Surveyor: Certificate Number			

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 Southland Royalty Company						5. LEASE DESIGNATION AND SERIAL NO. NM-017712 MAR 25 1981	
3. ADDRESS OF OPERATOR P.O. Drawer 570, Farmington, NM 87401						7. UNIT ACREAGE NAME FARMINGTON DISTRICT	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1510' FSL & 2390' FEL At top prod. interval reported below At total depth						8. FARM OR LEASE NAME Reid "A"	
14. PERMIT NO. _____ DATE ISSUED _____						9. WELL NO. #1M	
15. DATE SPUDDED 12-26-80						10. FIELD AND POOL, OR WILDCAT XXBlanco Mesa Verde/ Basin Dakota	
16. DATE T.D. REACHED 1-3-81						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 13, T29N, R10W	
17. DATE COMPL. (Ready to prod.) 2-14-81						12. COUNTY OR PARISH San Juan	
18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 5668' GR						13. STATE NM	
20. TOTAL DEPTH, MD & TVD 6673'		21. PLUG, BACK T.D., MD & TVD 6650'		22. IF MULTIPLE COMPL., HOW MANY* 2		19. ELEV. CASINGHEAD	
23. INTERVALS DRILLED BY → 0'-6673'						25. WAS DIRECTIONAL SURVEY MADE Deviation	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* MV: 3801'-4481'						27. WAS WELL CORED No	
26. TYPE ELECTRIC AND OTHER LOGS RUN IES, GR-Density, GR-Induction							
28. CASING RECORD (Report all strings set in well)							
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
10-3/4"		32.75#		232'		13-3/4"	
7-5/8"		26.40#		2271'		9-7/8"	
29. LINER RECORD				30. TUBING RECORD			
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
5-1/2"		2141'		6673'		433 sx	
31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
Pt. Lookout: 4256', 4345', 51', 95', 4416', 81'. (6 holes)				DEPTH INTERVAL (MD)			
Cliff House/Menefee: 3801', 07', 13', 19', 25', 33', 3904', 10', 16', 32', 96'. (11 holes)				AMOUNT AND KIND OF MATERIAL USED			
				4256'-4481' 95,412 gals wtr & 19,000# 20/40 sd			
				3801'-3996' 98,656 gals wtr & 69,000# 20/40 sd			
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	
3-4-81		3 hrs.		3/4"		→	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BBL. GAS—MCF. WATER—BBL. OIL GRAVITY-API (CORR.)	
129		700		→		3125 MCF	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold						TEST WITNESSED BY Dean Lingo	
35. LIST OF ATTACHMENTS						ACCEPTED FOR RECORD	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED 				TITLE District Production Manager			
				DATE 3-11-81			
				FARMINGTON DISTRICT			

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

OPERATOR

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See instructions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

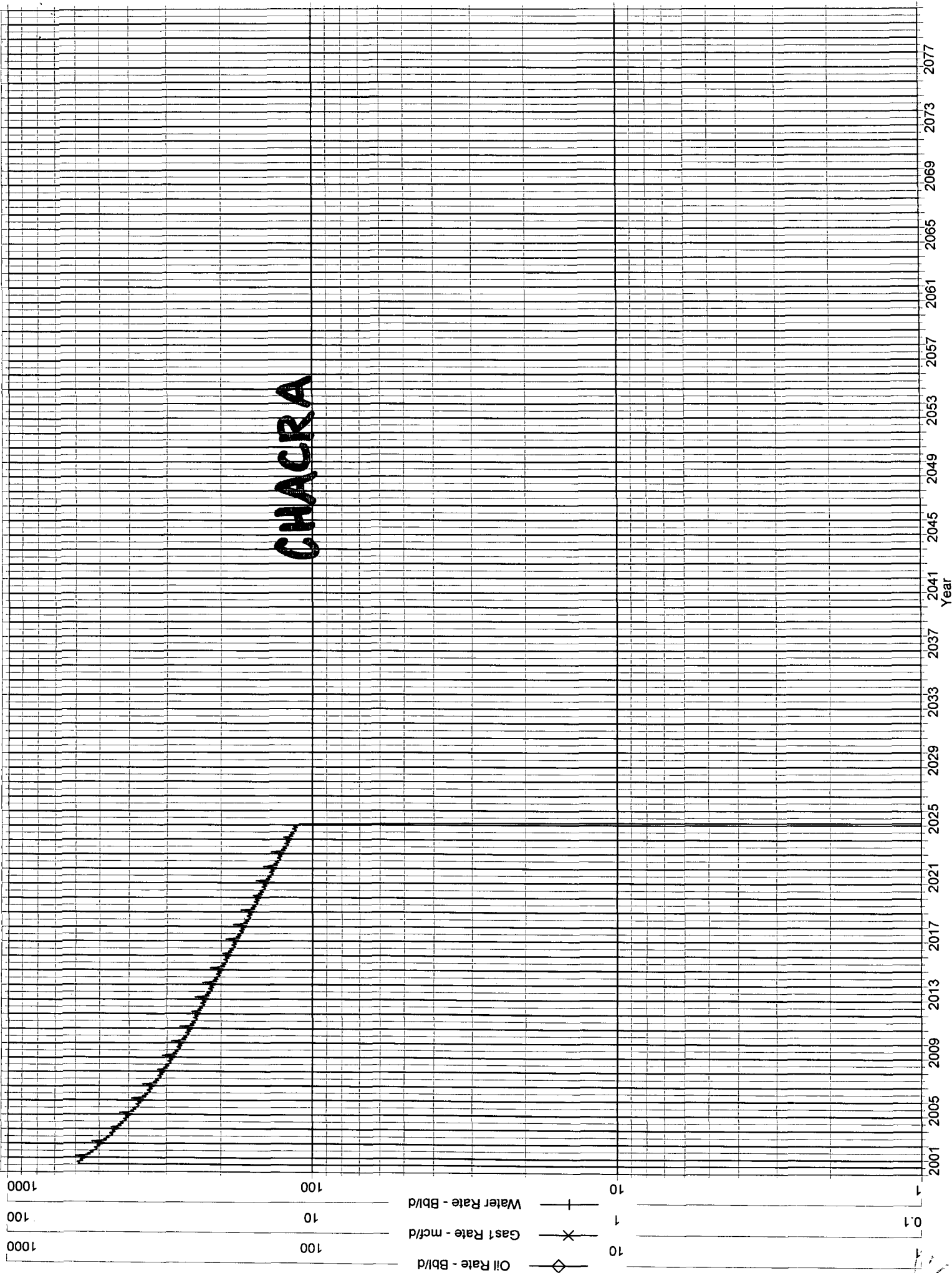
WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

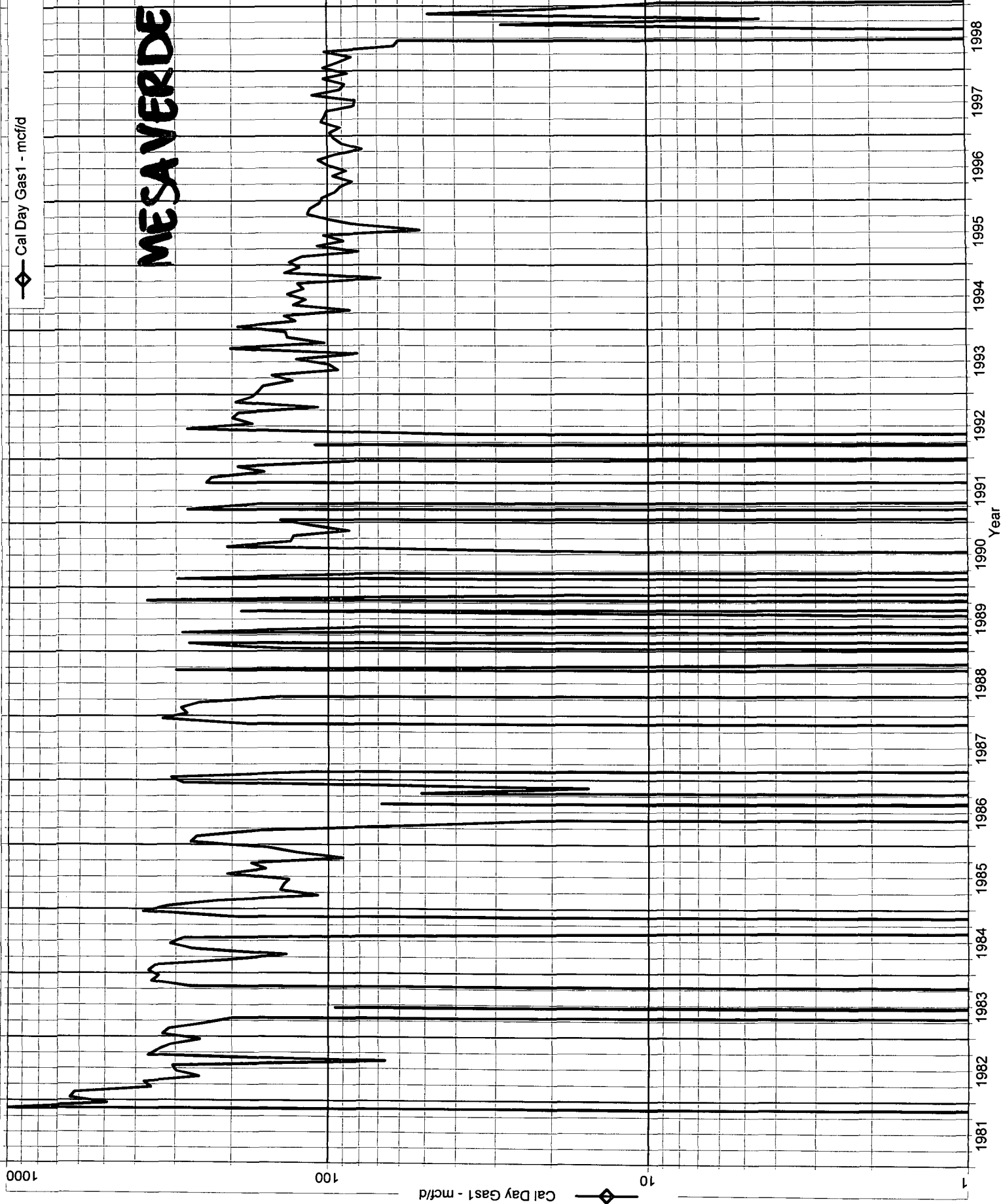
1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____		5. LEASE DESIGNATION AND SERIAL NO. NM-01772A	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____		6. IF INDIAN, ALLOTTEE OR RESERVE NAME RECEIVED MAR 25 1981	
2. NAME OF OPERATOR Southland Royalty Company		7. UNIT AGREEMENT FARMINGTON DISTRICT	
3. ADDRESS OF OPERATOR P.O. Drawer 570, Farmington, NM 87401		8. FARM OR LEASE Reid "A"	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1510' FSL & 2390' FEL At top prod. interval reported below At total depth _____		9. WELL NO. #1M	
10. FIELD AND POOL, OR WILDCAT Blanco Mesa Verde/ XX Basin Dakota		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 13, T29N, R10W	
12. COUNTY OR PARISH San Juan		13. STATE NM	
14. PERMIT NO.	DATE ISSUED	15. DATE SPUDDED 12-26-80	
16. DATE T.D. REACHED 1-3-81		17. DATE COMPL. (Ready to prod.) 2-14-81	
18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 5668' GR		19. ELEV. CASINGHEAD	
20. TOTAL DEPTH, MD & TVD 6673'	21. PLUG, BACK T.D., MD & TVD 6650'	22. IF MULTIPLE COMPL., HOW MANY* 2	23. INTERVALS DRILLED BY 0'-6673'
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* DK: 6460'-6637'			25. WAS DIRECTIONAL SURVEY MADE Deviation
26. TYPE ELECTRIC AND OTHER LOGS RUN IES, GR-Induction, GR-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
10-3/4"	32.75#	232'	13-3/4"
7-5/8"	26.40#	2271'	9-7/8"
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
5-1/2"	2141'	6673'	433 SX
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
1-1/2"	6607'	4607'	
31. PERFORATION RECORD (Interval, size and number) DK: 6460', 6525', 31', 36', 41', 46', 51', 6603', 27', 32', 37'. (11 holes)			
32. ACID, SHOT, FRACTURE, CEMENT SUMMER, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
6460'-6637'		74,600 gals 30# gel wtr & 64,900# 20/40 sand	
33. PRODUCTION			
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	
2-25-81		Flowing	
HOURS TESTED 3 hrs.		CHOKE SIZE 3/4"	
PROD'N. FOR TEST PERIOD		OIL—BBL.	
FLOW. TUBING PRESS.		GAS—MCF.	
CASING PRESSURE		WATER—BBL.	
CALCULATED 24-HOUR RATE		OIL GRAVITY-API (CORR.)	
51		724 MCF	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold			
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: District Production Manager			
DATE: MAR 24 1981			
BY: RE			

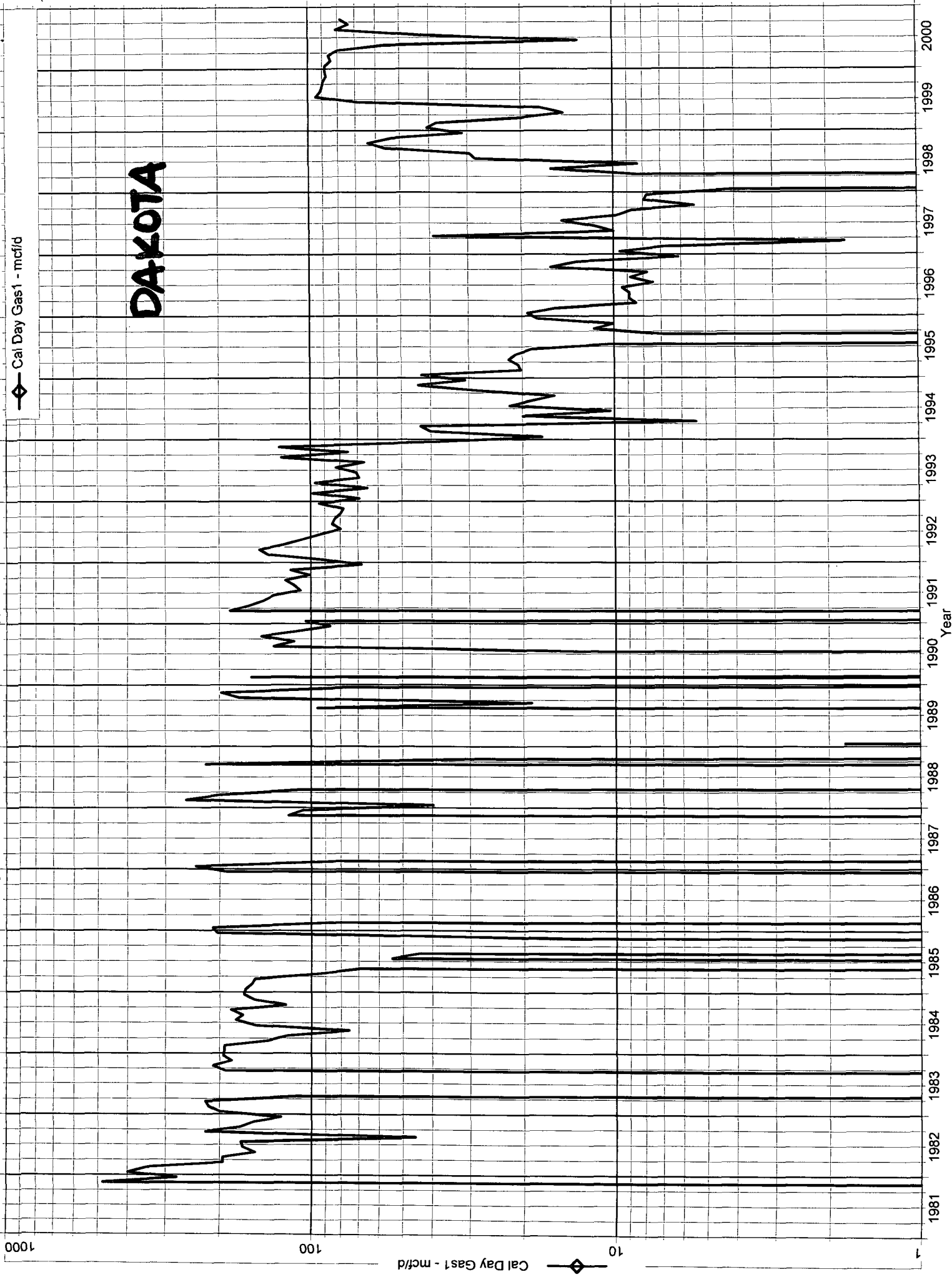
*(See Instructions and Spaces for Additional Data on Reverse Side)

OPERATOR

CHACRA







REID A SRC #1M
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	0.736
COND. OR MISC. (C/M)	C	COND. OR MISC. (C/M)	C
%N2	0	%N2	0.27
%CO2	0	%CO2	0.82
%H2S	0	%H2S	0
DIAMETER (IN)	0	DIAMETER (IN)	4.95
DEPTH (FT)	0	DEPTH (FT)	4141
SURFACE TEMPERATURE (DEG F)	60	SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	0	BOTTOMHOLE TEMPERATURE (DEG F)	134
FLOWRATE (MCFPD)	0	FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	0	SURFACE PRESSURE (PSIA)	277
BOTTOMHOLE PRESSURE (PSIA)	#DIV/0!	BOTTOMHOLE PRESSURE (PSIA)	308.7
<u>CH-Original</u>		<u>MV-Original</u>	
GAS GRAVITY	0.678	GAS GRAVITY	0.739
COND. OR MISC. (C/M)	C	COND. OR MISC. (C/M)	C
%N2	0.26	%N2	0.33
%CO2	0.3	%CO2	0.95
%H2S	0	%H2S	0
DIAMETER (IN)	2.441	DIAMETER (IN)	4.95
DEPTH (FT)	3004	DEPTH (FT)	4141
SURFACE TEMPERATURE (DEG F)	60	SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	97	BOTTOMHOLE TEMPERATURE (DEG F)	134
FLOWRATE (MCFPD)	0	FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	1107	SURFACE PRESSURE (PSIA)	700
BOTTOMHOLE PRESSURE (PSIA)	1208.7	BOTTOMHOLE PRESSURE (PSIA)	788.0

REID A SRC #1M
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	0.736	GAS GRAVITY	0
COND. OR MISC. (C/M)	C	COND. OR MISC. (C/M)	C
%N2	0.27	%N2	0
%CO2	0.82	%CO2	0
%H2S	0	%H2S	0
DIAMETER (IN)	4.95	DIAMETER (IN)	0
DEPTH (FT)	6549	DEPTH (FT)	0
SURFACE TEMPERATURE (DEG F)	60	SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	178	BOTTOMHOLE TEMPERATURE (DEG F)	137
FLOWRATE (MCFPD)	0	FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	98	SURFACE PRESSURE (PSIA)	0
BOTTOMHOLE PRESSURE (PSIA)	114.9	BOTTOMHOLE PRESSURE (PSIA)	#DIV/0!
<u>DK-Original</u>		<u>Original</u>	
GAS GRAVITY	0.739	GAS GRAVITY	0
COND. OR MISC. (C/M)	C	COND. OR MISC. (C/M)	C
%N2	0.33	%N2	0
%CO2	0.95	%CO2	0
%H2S	0	%H2S	0
DIAMETER (IN)	1.61	DIAMETER (IN)	0
DEPTH (FT)	6549	DEPTH (FT)	0
SURFACE TEMPERATURE (DEG F)	60	SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	178	BOTTOMHOLE TEMPERATURE (DEG F)	137
FLOWRATE (MCFPD)	0	FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	1392	SURFACE PRESSURE (PSIA)	0
BOTTOMHOLE PRESSURE (PSIA)	1699.1	BOTTOMHOLE PRESSURE (PSIA)	#DIV/0!

Reid A SRC #1M - SICP/Z Data

Zone: Mesaverde							
Date	SICP (psig)	Chromatograph Used	Z-Factor	SICP/Z (psig)	Cum Qg (MMCF)	Slope	Y Intercept
3/4/1981	700	1/1/1996	0.9025	776	0	N/A	776
6/8/1982	639	1/1/1996	0.9106	702	112.489	-0.656848	776
5/2/1983	582	1/1/1996	0.9181	634	204.275	-0.693699	776
4/4/1984	534	1/1/1996	0.9244	578	268.585	-0.737015	776
4/23/1986	507	1/1/1996	0.928	546	395.172	-0.580221	776
8/30/1989	502	1/1/1996	0.9287	541	504.176	-0.466271	776
9/10/1991	450	1/1/1996	0.9357	481	580.09	-0.508024	776
6/3/1993	394	1/1/1996	0.9433	418	659.079	-0.543092	776
						↓	↓
12/31/2000	???	1/1/1996	???	289	896.738	-0.543092	776

Z-Factor = 0.9594
SICP (psig) = 277

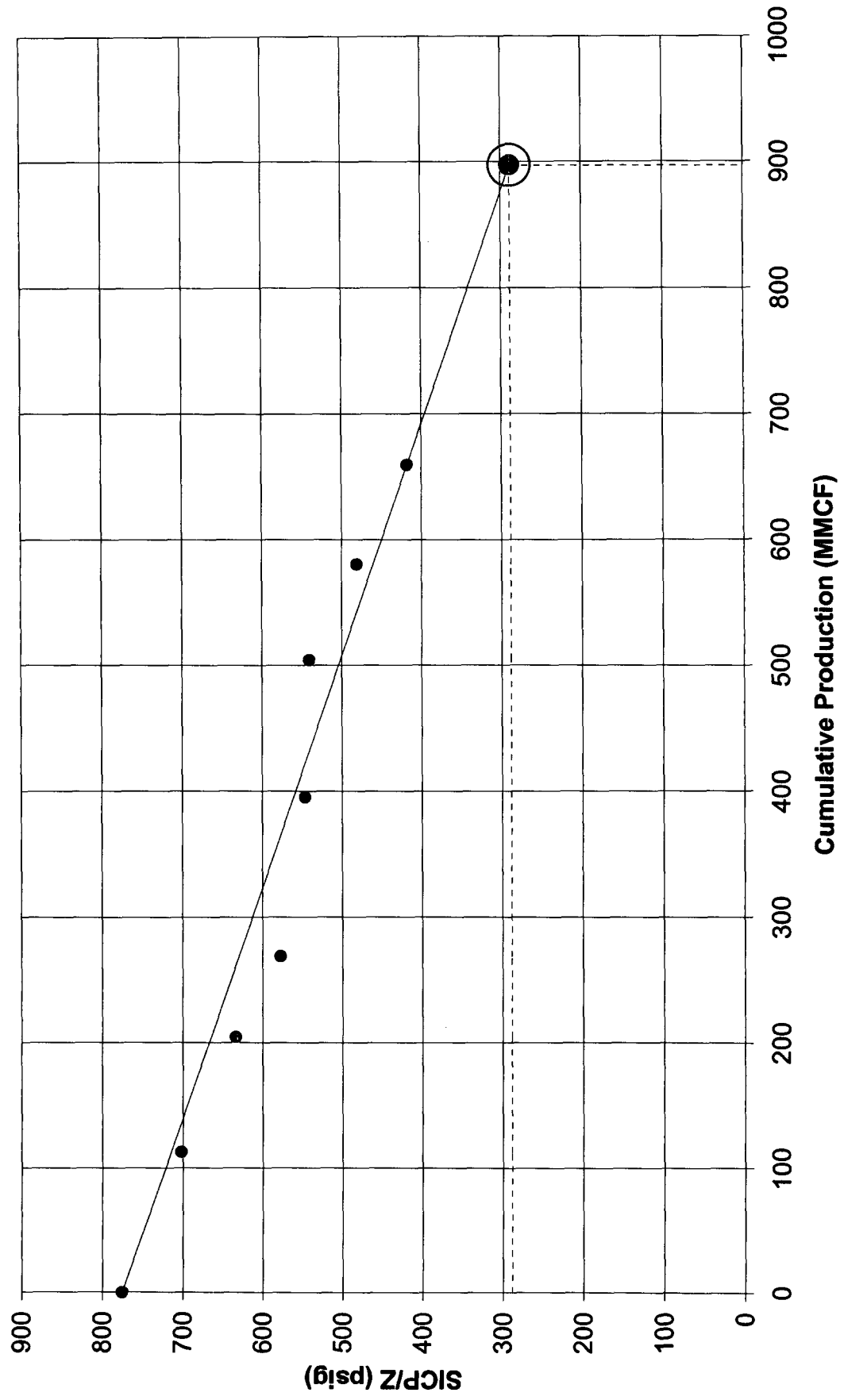
Zone: Dakota							
Date	SICP (psig)	Chromatograph Used	Z-Factor	SICP/Z (psig)	Cum Qg (MMCF)	Slope	Y Intercept
N/A*	1392	1/1/1996	0.8692	1601	0	N/A	1601
6/8/1982	698	1/1/1996	0.9252	754	61.695	-13.72949	1601
5/2/1983	650	1/1/1996	0.9298	699	106.227	-8.494992	1601
8/14/1985	615	1/1/1996	0.9333	659	218.723	-4.309197	1601
9/28/1988	617	1/1/1996	0.9331	661	281.898	-3.335376	1601
11/2/1990	586	1/1/1996	0.9361	626	320.147	-3.046948	1601
3/29/1992	460	1/1/1996	0.9489	485	375.639	-2.972803	1601
						↓	↓
12/31/2000	???	1/1/1996	???	99	505.342	-2.972803	1601

*Note: The initial pressure is from an offset, the Neudecker #6E

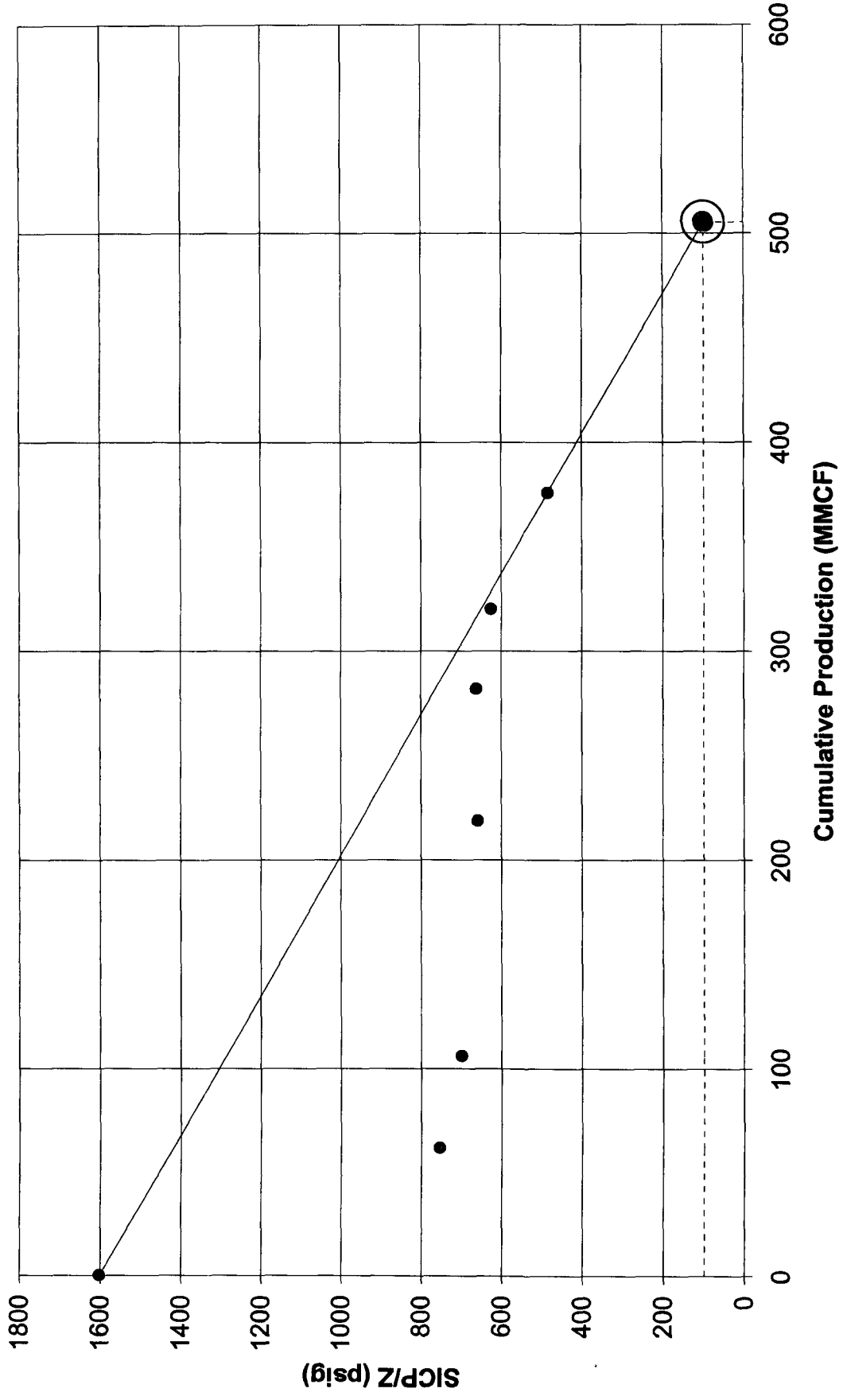
Z-Factor = 0.9877
SICP (psig) = 98

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.

Reid A SRC #1M (MV)



Reid A SRC #1M (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						7. UNIT AGREEMENT NAME	
El Paso Natural Gas Company						Hubbell	
3. ADDRESS OF OPERATOR						9. WELL NO.	
PO Box 990, Farmington, NM 87401						9	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*						10. FIELD AND POOL, OR WILDCAT	
At surface 790'S, 1155'E						Undes, Chacra	
At top prod. interval reported below						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA	
At total depth						Sec. 18, T-29-N, R-10-W	
14. PERMIT NO.						12. COUNTY OR PARISH	
DATE ISSUED						San Juan	
15. DATE SPUDDED						13. STATE	
3-25-72						New Mexico	
16. DATE T.D. REACHED		17. DATE COMPL. (Ready to prod.)		18. ELEVATIONS (DF, REB, RT, GR, ETC.)*		19. ELEV. CASINGHEAD	
3-28-72		5-4-72		5607'GL			
20. TOTAL DEPTH, MD & TVD		21. PLUG, BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY	
3081'		3071'				ROTARY TOOLS	
						CABLE TOOLS	
						0-3081'	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*						25. WAS DIRECTIONAL SURVEY MADE	
2998-3010'(Chacra)						no	
26. TYPE ELECTRIC AND OTHER LOGS RUN						27. WAS WELL CORED	
I-ES, FDC-, GR, Temp. Survey						no	
28. CASING RECORD (Report all strings set in well)							
CASINO SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
8 5/8"		24#		139'		12 1/4"	
2 7/8"		6.4#		3081'		6 3/4"	
29. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
30. TUBING RECORD							
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	
5-4-72		3 hrs.		3/4'			
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BSL.	
tubingless		SI 1106				GAS—MCF.	
						WATER—BSL.	
						OIL GRAVITY-API (CORR.)	
						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				DATE	
[Signature]		Petroleum Engineer				May 10, 1972	

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

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*

LEASE DESIGNATION AND SERIAL NO

SF 079509

IF INDIAN ALLOTTEE OR TRIBE NAME

UNIT AGREEMENT NAME

FARM OR LEASE NAME

Neudecker

WELL NO.

6E

FIELD AND POOL OR WILDCAT

Basin Dakota

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

Sec. 14, T-29-N, R-10-W
NMPM

COUNTY OR PARISH

San Juan

STATE

NM

ELEV. CASINGHEAD

5722'

ROTARY TOOLS

Rotary

CABLE TOOLS

No

25. WAS DIRECTIONAL SURVEY MADE

No

27. WAS WELL CORED

No

1a. TYPE OF WELL:

OIL WELL ☐

GAS WELL ☒

DRY ☐

RECEIVED

b. TYPE OF COMPLETION:

NEW WELL ☒

WORK OVER ☐

DEEPEN ☐

PLUG BACK ☐

DIFF. RESER. ☐

Other

2. NAME OF OPERATOR

El Paso Natural Gas Company

3. ADDRESS OF OPERATOR

P. O. Box 4289, Farmington, NM 87499

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

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

At surface 940'N 1465'W

At top prod. interval reported below 6515'

At total depth 6725'

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

12-27-85

16. DATE T.D. REACHED

1-3-86

17. DATE COMPL. (Ready to prod.)

1-27-86

18. ELEVATIONS (DF, RNB, RT, CB, ETC.)*

5722' GL

20. TOTAL DEPTH, MD & TVD

6725'

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

6714'

22. IF MULTIPLE COMPL. HOW MANY*

One

23. INTERVALS DRILLED BY

Rotary

ROTARY TOOLS

Rotary

CABLE TOOLS

No

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

6515-6644' (Basin Dakota)

26. TYPE ELECTRIC AND OTHER LOGS RUN

Gamma-Ray Correlation Log; Temp. Survey;

Driller's Quicklook; Temp. Log; Ind. Log; Formation Density/Epithermal NL

29. 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"	32.3#	225'	12 1/4"	138 cu ft	
7"	20.0#	2440'	8 3/4"	467 cu ft	
4 1/2"	10.5&11.6#'s	6725'	6 1/4"	659 cu ft	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
1 1/2"	6633'	

31. PERFORATION RECORD (Interval, size and number)

Pressure test casing to 4000 psi-ok. Perf'd 6515, 6518, 6582, 6584, 6586, 6588, 6590, 6592, 6594, 6596, 6598, 6600, 6602, 6604, 6606, 6608, 6610, 6612, 6614, 6644 w/20 SPZ.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6515-6644'	42,000# 40/60 sand & 58,572 gal treated water

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
1-18-86		Flowing - Capable of Comm. HC to be tested when connected.				Shut in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
1-27-86	SI 7 Days	0	—————>	0	0	0	0
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
SI 1095	SI 1392	—————>	No Flow	No Flow	No Flow	0	

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

Shut in to be Sold

TEST WITNESSED BY

Bobby Easterling

35. LIST OF ATTACHMENTS

Temp Survey

ACCEPTED FOR RECORD

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

SIGNED

[Signature]

TITLE

Drilling Clerk

DATE

1-28-86

FARMINGTON RESOURCE AREA

*(See Instructions and Spaces OPERATOR Data on Reverse Side)

INTEREST OWNERS

REID A SRC 1M Well

\ADRIENNE SUE CHAPMAN
ANTHONY PILON
\ASCENCION GONZALES
\BEEBE INC
\BÉN PILON
\BLOOMFIELD SCHOOLS
\BUREAU OF LAND MANAGEMENT
\CHARLES B CAIN
\CLAUDIO F & ELSIE CHAVEZ
\D MARTIN PHILLIPS AND LIANE M
\DÉLUVINA HERRERA
\DENISE COLLETTI SUCC TRUSTEE JOSE PILON JR ESTATE
\DENNIS O & MARIA EMMA CHAVEZ
\DIOCESE OF GALLUP
\E C FIDOREK TRUSTEE E C FIDOREK DEFINED BENEFIT PLAN
\EDNA MEADORS ESTATE
\FÉLIX DASHEN
\FRANCES GONZALES
\FRÉD CHAVEZ
\GARY R PETERSEN
\GÉORGE H PILON SR
\HÉLEN E PILON
\HÉNRY PILON
\J FIDEL CHAVEZ
\JAMES ALLEN MADDOX
\JAMES L IRISH III TRUSTEE THE IRISH FAMILY TRUSTS

REID A SRC 1M Well

\JAMES P CAIN
\JAMES PILON
\JOE CHAVEZ
\JOE D REID
\JOHN D CAIN JR
\JONNIE C PEARCE
\JOSHUA DONALD MADDOX
\JOSHUA N PILON
\JOYCE T ORTIZ
\KATHARINE A SHOEMAKER
\LAURA JEANNE BUTHORN
\LAWRENCE L PILON
\LOIS E ROWLEY
\M JUNE BIXLER
\M SEAN SMITH
\MARGARET M B FARMER ADMIN
\MARY JANE CLARK
\MARY SAMORA ARCHULETA
\MARY THELMA OLAGUE
\MARYLINDA SWANSON
\MATTHEW PILON
\MAYBLE MCLARRIN
\MITCHELL PILON
\MRS PHYLLIS MCLAIN
\ORLANDO PILON
\PAT BACA PERS REP
\PATSY BACA
\PILON FAMILY TRUST

REID A SRC 1M Well

- ✓ R A & JENNIE GARCIA
- ✓ RAYMOND P JACQUEZ SUCC TRUSTEE LILLIE JACQUES
- ✓ RÉGINA C MASTERS
- ✓ ROBERT L ZORICH
- ✓ ROGER J BOLAN TRUSTEE OLIVE M FARMER REVOCABLE TRST
- ✓ SÁMUEL D HAAS
- ✓ SÁN JUAN BASIN POOL LTD
- ✓ SHIRLEY LINDER HOOPER
- ✓ STATE COMPTROLLER
- ✓ STATE CONTROLLER
- ✓ STATE OF NEW MEXICO
- ✓ STATE OF NEW MEXICO
- ✓ SUSAN TERRY HUNTER PERS REP
- ✓ THELMA JARED
- ✓ TRUSTEES OF ENCAP INVESTMENTS LC PROFIT
- ✓ VÉRONA C ARAGON
- ✓ WELDON C JULANDER ILA MAE