

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION  
- Engineering Bureau -

30-025-24540  
Cleary State No 1  
Strata Production CO

ADMINISTRATIVE APPLICATION COVERSHEET

21712

THIS COVERSHEET IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS

Application Acronyms:

- [NSP-Non-Standard Proration Unit] [NSL-Non-Standard Location]
- [DD-Directional Drilling] [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]

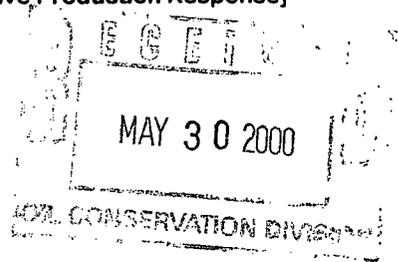
[1] TYPE OF APPLICATION - Check Those Which Apply for [A]

- [A] Location - Spacing Unit - Directional Drilling  
 NSL  NSP  DD  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 - Statement of Understanding

I hereby certify that I, or personnel under my supervision, have read and complied with all 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 further verify that all applicable API Numbers are included. I understand that any omission of data, information or notification is cause to have the application package returned with no action taken.

Note: Statement must be completed by an individual with supervisory capacity.

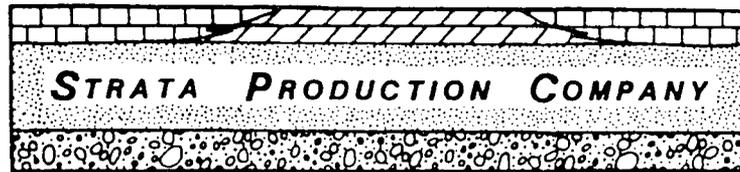
Carol J. Garcia  
Print or Type Name

*Carol J. Garcia*  
Signature

Production Manager  
Title

5/17/00  
Date

POST OFFICE DRAWER 1030  
ROSWELL, NM 88202-1030



TELEPHONE (505) 622-1127  
FACSIMILE (505) 623-3533

200 WEST FIRST STREET, ROSWELL PETROLEUM BUILDING, SUITE 700  
ROSWELL, NEW MEXICO 88201

May 17, 2000

Oil Conservation Division  
ATTN: Chris Williams  
1625 N. French Drive  
Hobbs, New Mexico 88240

RE: Cleary State #1 SWD-397  
N-Section 32-20S-33E  
Lea County, New Mexico

Dear Mr. Williams:

Please find enclosed herewith the Administrative Application Coversheet for Injection Pressure Increase, and the Well Test Report dated May 1, 2000.

Strata requests approval to increase the injection pressure from the original maximum of 1115 psi to 1377 psi to maintain safety factors above surface due to produced water from additional wells drilled since the approval of Administrative Order SWD-397.

The Step Rate Injection test indicates that the increased pressure will not result in migration of the injected fluid from the Delaware formation.

Should you have any questions, please contact this office.

Sincerely,

STRATA PRODUCTION COMPANY

A handwritten signature in cursive script that reads "Carol J. Garcia".

Carol J. Garcia  
Production Records Manager

CJG:ms  
Enclosures



# *Well Test Report*

*for*

**Strata Production**

*Clery State #1*

*05/01/00*

# CONTENTS

SECTION I	CONTENTS
SECTION II	SEQUENCE OF EVENTS
SECTION III	DATA REPORT
SECTION IV	CHART

# Production Testing Services

**COMPANY :** Strata Production  
**WELL:** Clery State #1  
**COMPANY REP:** Carol Garcia  
**PERFORATIONS:** 5413'-5682'

**PACKER DEPTH:** 5363'

**SERVICE DATES :** 05/01/00  
**TEST TYPE :** Step Rate Injection  
**PTS TECHNICIANS :** J. Smith/B. Fowler  
**BHP GAUGE DEPTH:** N/A

DATE	TIME	REMARKS
05/01/00	9:22	Start test
	9:24	
	9:29	
	9:34	Step #1
	9:39	
	9:44	
	9:49	Step #2
	9:54	
	9:59	
	10:04	Step #3
	10:09	
	10:14	
	10:19	Step #4
	10:24	
	10:29	
	10:34	Step #5
	10:39	
	10:44	
	10:49	Step #6
	10:50	FALLOFF
	10:00	
	10:52	
	10:53	
	10:54	
	10:55	
	11:04	End of Test

# Production Testing Services

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**WELL: Clery State #1**  
**COMPANY REP: Carol Garcia**  
**PERFORATIONS: 5413'-5682'**

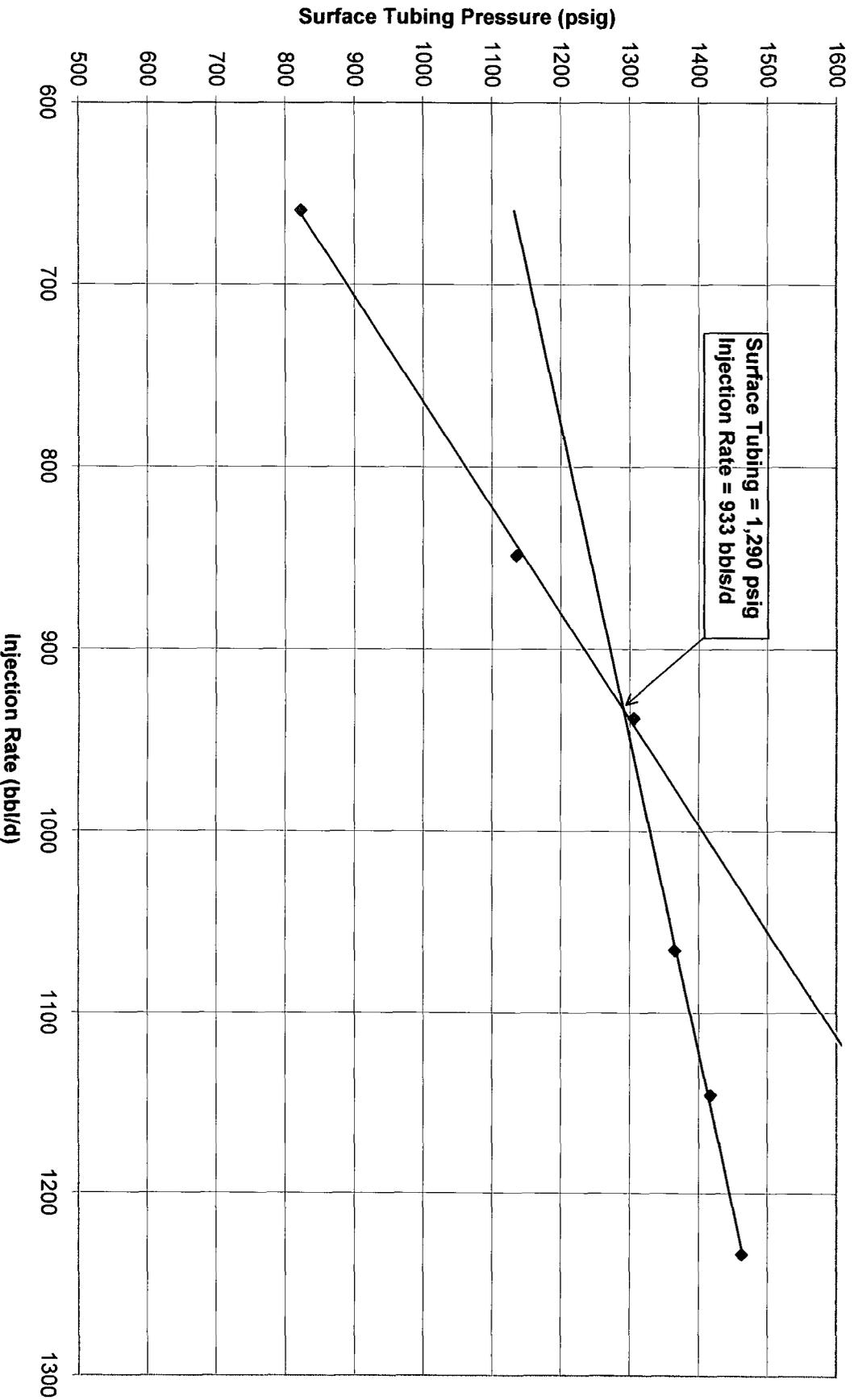
**PACKER DEPTH: 5363'**

**SERVICE DATES : 05/01/00**  
**TEST TYPE : Step Rate Injection**  
**PTS TECHNICIANS : J. Smith/B. Fowler**  
**BHP GAUGE DEPTH: N/A**

STEP NO.	TIME	(1) SURFACE TUBING PRESS. (psig)	(2) CUMULATIVE VOL INJECTED (bbls)	(3) INJECTION RATE (bbls/day)	(4) FRICTION HEAD LOSS (psi)	(5) CORRECTED TUBING PRESS. (psi) (1) - (4)	(6) INJECTION RATE (gpm) (3)/34.2857	(7) MEASURED BHP (psi)
	9:22	514.4						
	9:24	641.3	2.2	642.7	26.923	614.4	18.75	
	9:29	759.3	4.6	680.1	29.893	729.4	19.84	
1	9:34	822.7	6.9	655.2	27.899	794.8	19.11	
	9:39	987.6	9.8	842.4	44.413	943.2	24.57	
	9:44	1077.6	12.8	854.8	45.630	1032.0	24.93	
2	9:49	1135.9	15.7	849.6	45.118	1090.8	24.78	
	9:54	1246.1	19.0	942.2	54.635	1191.5	27.48	
	9:59	1299.3	22.3	948.4	55.302	1244.0	27.66	
3	10:04	1305.6	25.5	923.5	52.646	1253.0	26.94	
	10:09	1371.5	29.2	1067.0	68.771	1302.7	31.12	
	10:14	1342.3	32.9	1073.2	69.512	1272.8	31.30	
4	10:19	1365.0	36.6	1054.5	67.288	1297.7	30.76	
	10:24	1411.9	40.5	1141.9	77.968	1333.9	33.31	
	10:29	1406.8	44.5	1148.1	78.753	1328.0	33.49	
5	10:34	1416.9	48.5	1148.1	78.753	1338.1	33.49	
	10:39	1448.6	52.9	1254.2	92.743	1355.9	36.58	
	10:44	1457.4	57.2	1241.1	90.959	1366.4	36.20	
6	10:49	1462.5	61.4	1204.3	86.032	1376.5	35.13	
FALLOFF	10:50	1443.4						
	10:00	1220.4						
	10:52	1234.3						
	10:53	1230.5						
	10:54	1229.2						
	10:55	1225.4						
	11:04	1223.4						

# Production Testing Services

Step Rate Injection Test  
Clery State #1



Phone: (505) 391-8703  
Fax: (505) 393-4753

1247 Broadway Pl.  
P.O. Box 7125  
Hobbs, NM 88240