

State of New Mexico
ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT
Santa Fe, New Mexico 87505



OIL CONSERVATION DIVISION



January 24, 1995

Scurlock Permian Corporation
P. O. Box 4648
Houston, Texas 77210-4648

Attention: Steward E. Rogers

(IPI-345)

**RE: Injection Pressure Increase
Rohmer SWD Well No. 1
Eddy County, New Mexico**

Dear Mr. Rogers:

Reference is made to your request dated January 9, 1995, to increase the surface injection pressure on the Rohmer Well No. 1. This request is based on a step rate test conducted on the well on December 13, 1994. The results of the test have been reviewed by my staff and we feel an increase in injection pressure on the well is justified at this time.

You are therefore authorized to increase the surface injection pressure on the following well:

Well and Location	Maximum Injection Surface Pressure
Rohmer No. 1 1980' FNL & 1980' FWL Unit E, Section 23, Township 22 South, Range 27 East, NMPM, Eddy County, New Mexico	970 PSIG

30-015-29122

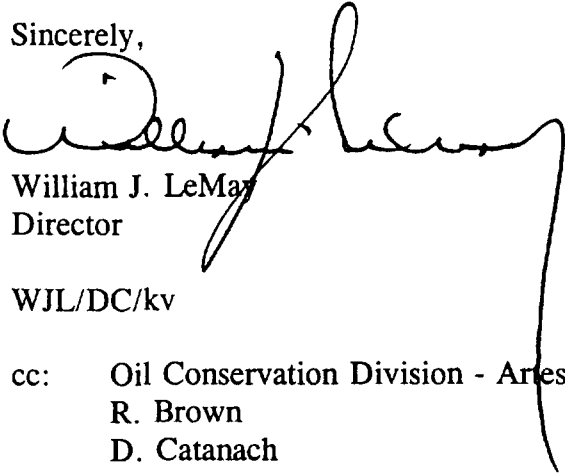
VILLAGRA BUILDING - 408 Galisteo
Forestry and Resources Conservation Division
P.O. Box 1948 87504-1948
827-5830
Park and Recreation Division
P.O. Box 1147 87504-1147
827-7465

2040 South Pacheco
Office of the Secretary
827-5950
Administrative Services
827-5925
Energy Conservation & Management
827-5900
Mining and Minerals
827-5970
Oil Conservation
827-7121

Injection Pressure Increase
Scurlock Permian Corporation
January 24, 1995
Page 2

The Division Director may rescind this injection pressure increase if it becomes apparent that the injected water is not being confined to the injection zone or is endangering any fresh water aquifers.

Sincerely,



William J. LeMay
Director

WJL/DC/kv

cc: Oil Conservation Division - Artesia
R. Brown
D. Catanach
File: SWD-505



333 Clay
P.O. Box 4648
Houston, Texas 77210-4648

OIL CONSERVATION DIVISION
RECEIVED

1995 JAN 20 AM 8 52

(713) 646-4100

January 9, 1995

Mr. David Catanach
Petroleum Engineer
Oil Conservation Division
2040 S. Pacheco
Santa Fe, New Mexico 87505

Re: Rohmer No. 1 Disposal Well (API #30-015-25722)
Injection Pressure Increase

Dear Mr. Catanach:

As per our previous conversation regarding the Scurlock Permian Rohmer No. 1 Disposal Well, I am enclosing data pertaining to the step rate test performed on December 13, 1994 by Halliburton.

The Rohmer No. 1, located in Sec. 23, 22S, 27E, Eddy County, New Mexico is currently injecting into the Delaware formation through perforations at 3,880' - 3,930' and 3,960' - 4,030' at a minimum administratively approved injection pressure of 775 psi. Well data and a schematic are also enclosed for your review.

The pressure graph indicates that fracture of the injection interval was achieved at 1,161 psi while pumping 3.0 barrels per minute. Shut in pressures are as follows:

Instant Shut In	970 psi
5 minutes	947
10 minutes	944
15 minutes	941

With the fracture pressure noted during this step rate test, we have established that the injection fluids will remain confined to the permitted injection interval at pressures below 1,161 psi.

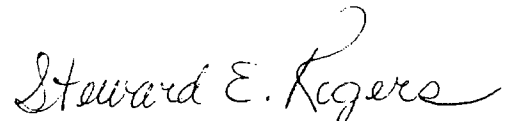


SUBSIDIARY OF ASHLAND OIL, INC.

Due to the higher fracture pressure and the exceptional mechanical integrity of the Rohmer No. 1, we would respectfully request that pursuant to division rules, our permitted injection pressure be increased to 1,100 psi, 61 psi below fracture pressure.

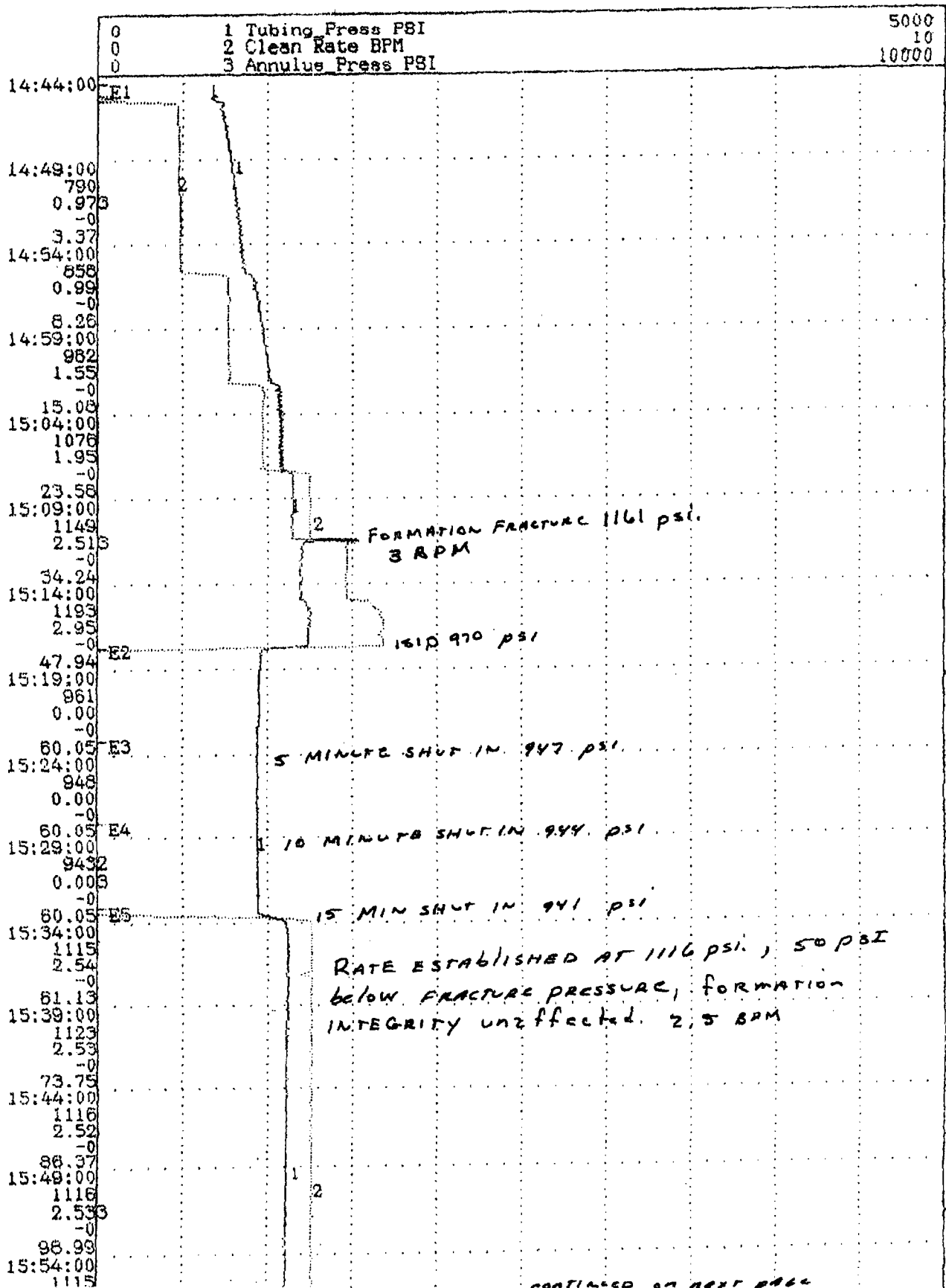
Your assistance in this matter is appreciated. Please contact me if you have any questions regarding this request.

Sincerely,


Steward E. Rogers
Operations Coordinator

SER/jtw
encl.

cc: Oil Conservation Division
Attn: Betty Rollins
811 South 1st Street
Artesia, New Mexico 88210



CONTINUED ON NEXT PAGE

111.67
15:59:00
1113
2.54
-0
124.36
16:04:00
1111
2.54
-0
137.07
16:09:00
11132E6

CONTINUATION SHEET

TEST COMPLETE

Date: 12/13/94
Ticket #: 678142_3.1

```

15:17:41 Event #2      ISIP
CAPTURE DATA          Tubing_Press      =      1161 PSI
15:23:06 Event #3      5 Min Shutin Pres.
CAPTURE DATA          Tubing_Press      =      949 PSI
15:28:01 Event #4      10 Min Shutin Pres.
CAPTURE DATA          Tubing_Press      =      944 PSI
15:33:01 Event #5      15 Min Shutin Pres.
CAPTURE DATA          Tubing_Press      =      941 PSI

```

Tubing Press	938 PSI	Clean Rate	STAGE SUMMARY
Annulus Press	-0 PSI		0.00 BPM
Stg Clean Total	151.78 BBL		
Clean Total	151.80 BBL		

16:10:19 End Job

Job Comments:



SCURLOCK
PERMIAN
CORPORATION
SUBSIDIARY OF ASHLAND OIL, INC.

STEWARD E. ROGERS
OPERATIONS COORDINATOR

OFFICE: (210) 620-1087
HOME: (210) 629-6607
FAX: (210) 620-1592
MOBILE: (210) 260-7519

P.O. BOX 310028
NEW BRUNSWICK, NJ 08911-0028 FAX: 1-800-574-0477 (3709)

TIME FAXED: 145 CST

DATE: 23 JAN 95

TO: DAVID C. [unclear]

FROM: STEWARD E. ROGERS

FAX#: 505-827-8174

NO. OF PAGES SENT (INCLUDING COVER SHEET): 2

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THANK YOU.

COMMENTS: I TRACED OVER THE OPERATORS WRITING TO IMPROVE THE LEGIBILITY

Please contact STEWARD E. ROGERS at (210) 620-1087 if any problems occur in receiving this fax. Our automatic telecopier # is (210) 620-1592.

PLEASE DELIVER THIS FAX IMMEDIATELY UPON RECEIPT.

"SAFE PEOPLE CARE"

HALLIBURTON

JOB LOG FOR 2013 F-4

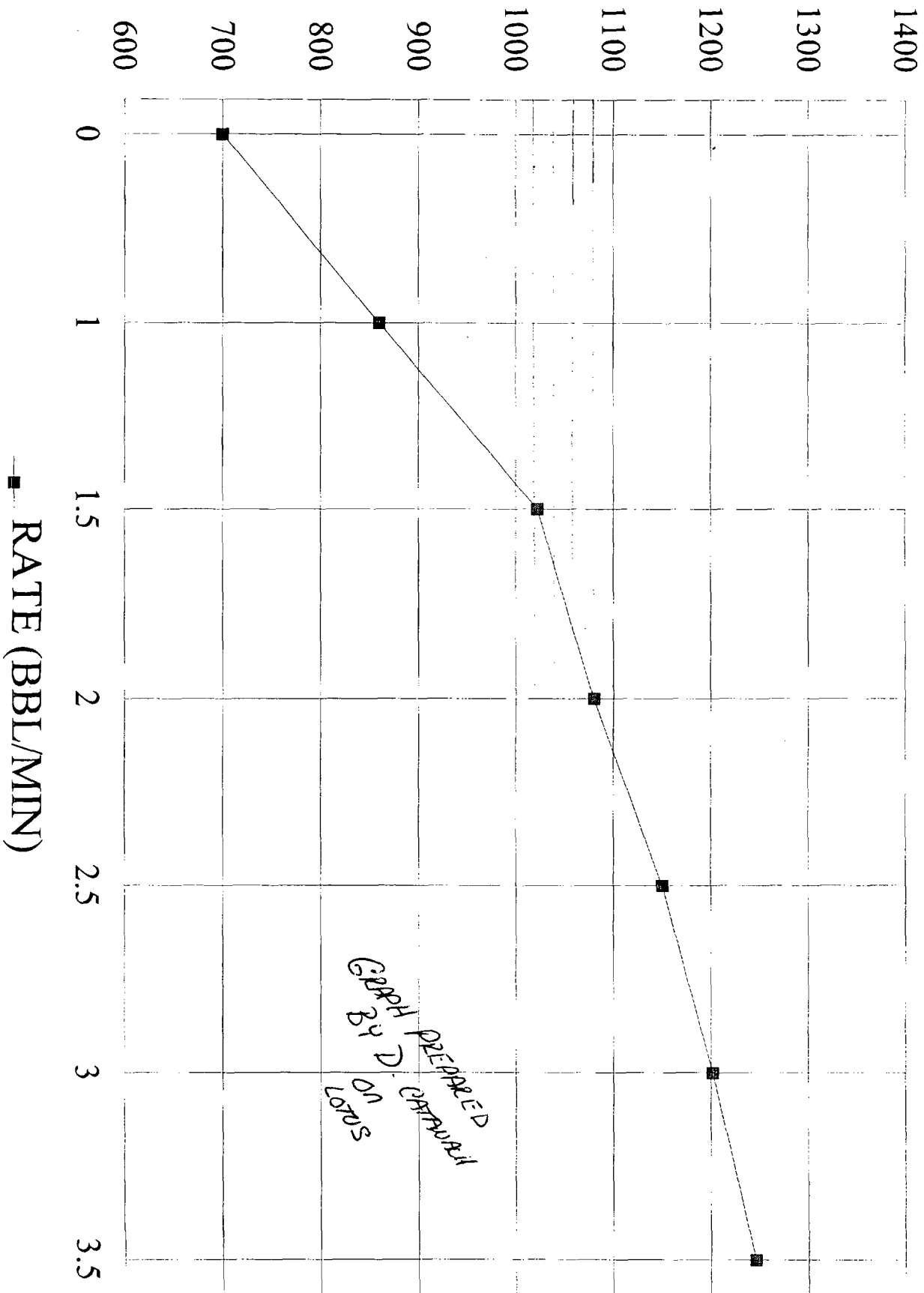
DATE 12-13-94 PAGE NO. 2

CUSTOMER		WELL NO.		LEASE		JOB TYPE		TICKET NO.	
Scurlack		1		Rohmer		Stop Rate		67842	
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS	
				T	C	TUBING	CASING		
	14:27					698		Set up Open well	
						(700)			
	14:45	1	4.5	1		735		Pump H ₂ O	
	14:50	1	4.5	1		805			
	14:55	1	9.2	1		(860)			
	14:56	1.5	10	1		925		Pick up Rate	
	14:58	1.5	15	1		975			
	15:01	1.5	20	1		(1022)			
	15:02	2		1		1059		Pick up Rate	
	15:04	2	25	1		1080			
	15:07	2	30	1		(1080)			
	15:07	2.5		1		1133		Pick up Rate	
	15:09	2.5	35	1		1152			
	15:12	2.5	40	1		(1150)			
	15:14	3		1		1210		Pick up Rate	
	15:13	3	45	1		1205			
	15:15	3	50	1		(1202)			
	15:15	3.5		1		1262		Pick up Rate	
	15:16	3.5	55	1		1261			
	15:18	3.5	60	1		1246			
	15:18							1st 970 [#]	
	15:23							3min 777	
	15:28							10min 944	
	15:33							15min 941	
	15:34	2.6		1		1117		Clean up well	
	15:42	2.6	87	1		1118			
	15:54	2.6	113	1		1115			
	16:04	2.6	138	1		1112			
	16:09		152	1		940		Shut Down	

CUSTOMER

STEP RATE TEST: ROHMER # 1

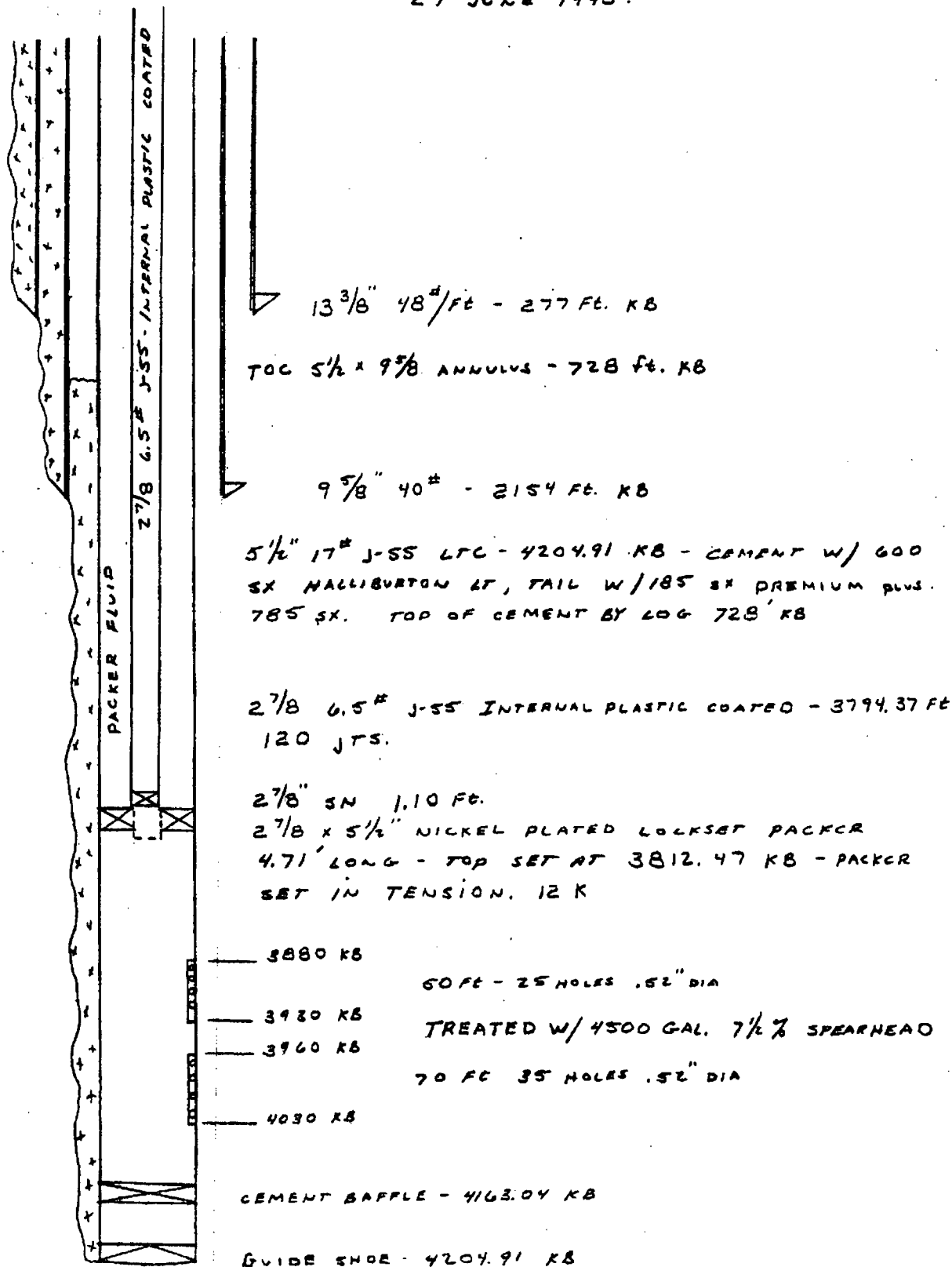
SCURLOCK PERMIAN INC.



ASHLAND PIPE LINE COMPANY ENGINEERING DEPARTMENT		SHEET
		AFE
SUBJECT		DISTRICT
SCURLOCK PERMIAN CORR. ROMMER #1 SWP		
UNIT LETTER P 1780 PNL, 1780 PNL SEC 23 E25		27 E EDDY Co. N.M.
BY	CHECKED BY	APPROVED BY
S. ROGERS		
		DATE
		1 July 1993

0427-8 (02/91)

ROMMER #1 - CURRENT STATUS
24 June 1993.



Submit to Appropriate
District Office
State Lease - 6 copies
For Lease - 5 copies
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-105
Revised 1-1-89

JUL 7 1993

WELL API NO.
5. Indicate Type of Lease STATE ☐ FEB ☒
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Rohmer
8. Well No. 1
9. Pool name or Wildcat Delaware

WELL COMPLETION OR RECOMPLETION REPORT AND LOG					
1a. Type of Well: OIL WELL ☐ GAS WELL ☐ DRY ☐ OTHER <u>Disposal</u>					
b. Type of Completion: NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DDP RESVR ☐ OTHER <u>Re-Entry</u>					
2. Name of Operator Scurlock Permian Corp.					
3. Address of Operator 333 Clay P.O. Box 4648, Houston, Tx. 77210-4648					
4. Well Location Unit Letter <u>F</u> : <u>1980</u> Feet From The <u>North</u> Line and <u>1980</u> Feet From The <u>West</u> Line Section <u>23</u> Township <u>22S</u> Range <u>27E</u> NMPM <u>Eddy</u> County					
10. Date Spudded 02-26-87	11. Date T.D. Reached	12. Date Compl. (Ready to Prod.) 06-24-93	13. Elevations (DF & RKB, RT, GR, etc.) GL-3093.4 RKB-3110.4	14. Elev. Casinghead 3093.4	
15. Total Depth 12,300	16. Plug Back T.D. 4163	17. If Multiple Compl. How Many Times?	18. Intervals Drilled By Rotary Tools yes	Cable Tools	
19. Producing Interval(s), of this completion - Top, Bottom, Name N/A					20. Was Directional Survey Made No
21. Type Electric and Other Logs Run Composite					22. Was Well Cored No

23. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8	48	277	17 1/2	300 sx cl c	
9 5/8	40	2154	12 1/4	1550-65/35 poz + 200 cl c	
5 1/2	17#/ft.	4205	8 1/2	600 sx l.f. + 185 sx Premium	
24. LINER RECORD					
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	
25. TUBING RECORD					
SIZE	DEPTH SET	PACKER SET			
2 7/8	3812 KB	3806 KB			
26. Perforation record (interval, size, and number) 3880-3930-25 holes .52" Dia. 3960-4030-35 holes .52" Dia.			27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL 3880-3930 4500 Gal. 7 1/2" Spearhead 3960-4030		

28. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
Flow Tubing Pres.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	
29. Disposition of Gas (Sold, used for fuel, vented, etc.)						Test Witnessed By 7-16-93 chug SLD	
30. List Attachments							

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature Steward E. Rogers Printed Name Steward E. Rogers Title Asst. Reg. Mgr. Date 06-28-93