

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

OIL CONSERVATION DIVISION

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

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

WELL API NO.

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

B 7766

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT"
(FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:

OIL
WELL ☐

GAS
WELL ☐

OTHER

Injection

2. Name of Operator

GREENHILL PETROLEUM CORPORATION

3. Address of Operator

11490 WESTHEIMER, SUITE 200/HOUSTON, TEXAS 77077-6841

4. Well Location

Unit Letter N : 810 Feet From The South Line and 2130 Feet From The West Line

Section 36 Township 16 S Range 36 E NMPM Lea County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)

3824' GL

11.

Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐

PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐

CHANGE PLANS ☐

PULL OR ALTER CASING ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☐

OTHER: Replace tubing ☒

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

7-08-93 Released Baker AD-1 packer. POH 186 jts 2-3/8" IPC tubing. Ran in hole 191 joints 2-3/8" IPC tubing with Baker AD-1 packer down @ 5988'. Circulate hole with packer fluid. Set packer and pressure tested casing @ 500# - held OK.

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

SIGNATURE

Michael J. Newport

TITLE Land Manager/Permian Basin

DATE 7-14-93

(713) 589-8484

TELEPHONE NO.

TYPE OR PRINT NAME

Michael J. Newport

(This space for State Use)

Orig. Signed by
Paul Kautz
Geologist

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

AUG 10 1993

LOVINGTON PADDOCK UNIT

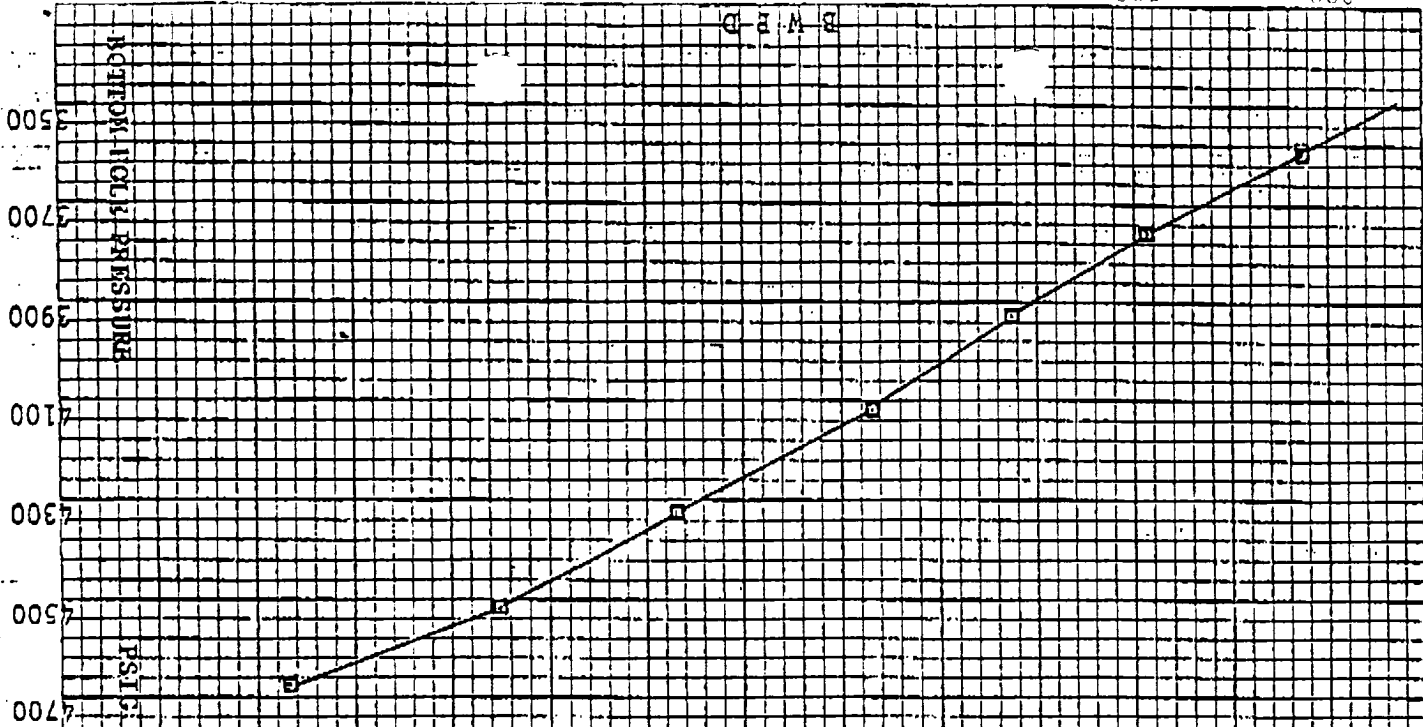
STEPRATE TEST RESULTS

WELL IDENTIFICATION	LPU #39	LPU #41	LPU #46	LPU #48	LPU #50	LPU #52
Surface parting pressure/Pslg	2,150 NR	2,150 NR	2,080 NR	2,260 NR	2,320 NR	2,150 NR
Bottom Hole Pressure/Pslg	4,720	4,680	4,720	4,880	4,820	4,820
Midperf depth/ft.	6,123	6,150	6,140	6,160	6,120	6,165
Fracture Gradient Psl/ft.	NR	NR	NR	NR	NR	NR
Requested Injection Pressure/Pslg	2,000	2,000	2,000	2,000	2,800	2,000

NR = not reached

MJN/jem
92.231

03/24/92



W.O. NO. 92140268

MARCH 4, 1992

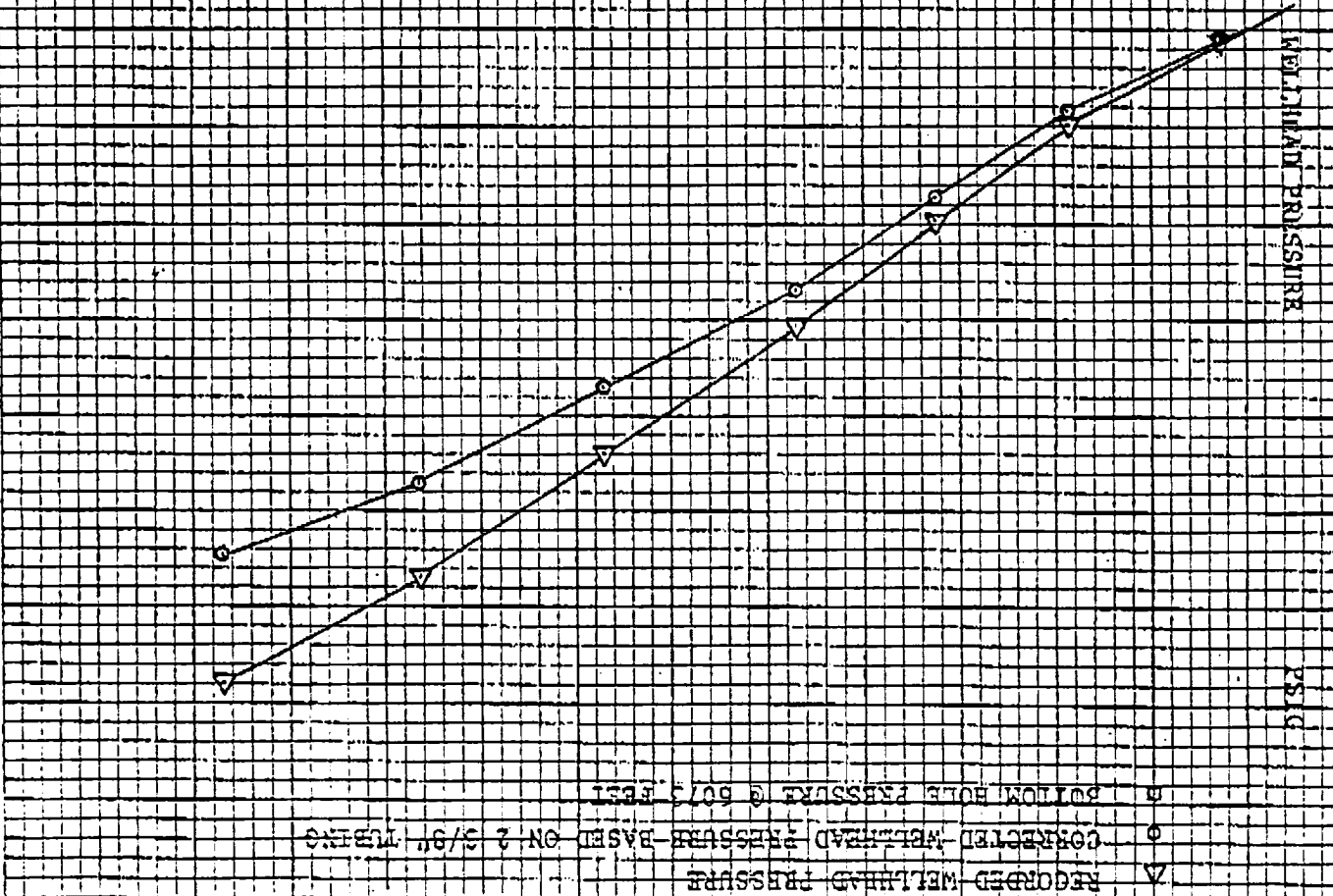
HOVINGTON PADDOCK UNIT WELD NO. 41

STEP-RATE INJECTION TEST

GREENHILL PETROLEUM CORPORATION

RECORDED WELHEAD PRESSURE
 CORRECTED WELHEAD PRESSURE BASED ON 2 3/8" TUBING
 BOTTOM HOLE PRESSURE @ 507.3 FEET

WELHEAD PRESSURE
 PSI



JOHN WEST ENGINEERING COMPANY

Hobbs, New Mexico

STEP RATE INJECTION TEST

CLIENT: Greenhill Petroleum Corporation

DATE: March 4, 1992

WELL NAME: Lovington Paddock Unit Well No. 41
Lea County, New Mexico

WO#: 92140269

MID-PERFS. =

PACKER DEPTH = 5973

BHP GAUGE DEPTH = 6073

STEP NO. & REMARKS	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) (8)/34.2867	(7) MEASURED BHP (psi)
	12:45	688.4				688.4		3478
	12:50	768.0	1.2	345.6	7.339	760.7	10.08	3533
	12:55	781.9	2.5	374.4	8.510	773.4	10.92	3572
1	1:00	823.7	3.7	345.6	7.339	816.4	10.08	3595
				355.2				
	1:05	912.0	6.0	662.4	24.452	887.5	19.32	3656
	1:10	966.4	8.3	662.4	24.452	941.9	19.32	3708
2	1:15	997.8	10.7	691.2	26.455	971.3	20.16	3751
				672.0				
	1:20	1099.0	14.0	950.4	47.684	1051.3	27.72	3832
	1:25	1164.7	17.3	950.4	47.684	1117.0	27.72	3881
3	1:30	1194.0	20.6	950.4	47.684	1146.3	27.72	3933
				950.4				
	1:35	1311.8	24.9	1238.4	77.811	1234.0	36.12	4000
	1:40	1363.5	29.2	1238.4	77.811	1285.7	36.12	4068
4	1:45	1412.9	33.5	1238.4	77.811	1335.1	36.12	4120
				1238.4				
	1:50	1572.5	39.2	1641.6	131.067	1441.4	47.88	4216
	1:55	1625.6	44.9	1641.6	131.067	1494.5	47.88	4280
5	2:00	1678.8	50.6	1641.6	131.067	1547.7	47.88	4331
				1641.6				
	2:05	1835.8	57.6	2016.0	191.671	1644.1	58.80	4416
	2:10	1881.1	64.6	2016.0	191.671	1689.4	58.80	4472
6	2:15	1930.6	71.7	2044.0	196.625	1734.0	59.62	4517
				2025.6				
	2:20	2086.4	80.1	2419.2	268.560	1817.8	70.56	4587
	2:25	2133.4	88.7	2476.8	280.509	1852.9	72.24	4632
7	2:30	2158.7	97.1	2419.2	288.560	1890.1	70.56	4666
				2438.4				

STEP NO. & REMARKS	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. (psa) (5)-(4)	(6) INJECTION RATE (gpm) (bbls/day) (6)/34.2857	(7) MEASURED BHP (psa)
Fall-Off	2:31	1830.6				1830.6		4614
	2:32	1788.8				1788.8		4582
	2:33	1768.0				1768.0		4560
	2:34	1747.0				1747.0		4540
	2:35	1725.0				1725.0		4523
	2:40	1666.1				1666.1		4455