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NE MEXICO OIL CONSERVATION COMMISSION

Supersedes Old
C-102 and C-103
Effective 1-1-65

SUNDARY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO REPERFORATE A WELL IN A DIFFERENT RESERVOIR. USE APPLICATIONS FOR PERMIT TO DRILL OR REPERFORATE FOR SUCH PROPOSALS.)

OIL WELL ☐ GAS WELL ☒ OTHER ☐

1. Name of Operator
Doyle Hartman

2. Address of Operator
508 C & K Petroleum Bldg; Midland, Texas 79701

3. Location of Well
UNIT LETTER L 1980 FEET FROM THE South LINE AND 990 FEET FROM THE West LINE, SECTION 21 TOWNSHIP 22-S RANGE 36-E N.M.P.M.

15. Elevation (Show whether DF, RT, GR, etc.)
3546 G.L.

5a. Indicate Type of Lease
State ☐ Fee ☒

5. State Oil & Gas Lease No.

7. Unit Agreement Date

8. Farm or Lease Name
Gulf - Greer

9. Well No.
1

10. Field and Pool, or Wildcat
Jalmat Gas Pool

12. County
Lea

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOB ☐	
		OTHER <u>Squeeze Job (3286 - 3419)</u>	☒

17. 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.

Drilled out DV-Tool at a total depth of 2660 feet and then cleaned well out to a total depth of 3630 RKB. Perforated Jalmat Gas interval from 3286-3585 w/19 shots and then acidized perforated section with a total of 5200 gal. of 15% MCA acid. Upon recovering load water, determined well was producing South Eunice Unit injection water plus a small quantity of gas. After swabbing well for two additional days with the use of a RTTS packer and retrievable bridge plug, verified that injection water was being produced out of upper Jalmat Gas perforations between 3286 - 3419 (above the South Eunice Unit unitized interval). Ran drillable bridge plug and set at 3448 RKB and set cement retainer at 3227 RKB. Squeezed perforations 3286-3419 (total of five holes) with 100 sx of API Class-C cement containing 1% Halad-3 followed by 50 sx of API Class-C cement containing 5 lbs of sand per sack. Final squeeze pressure was 3000 psi with no drop in pressure. Now ready to drill out cement to the top of the drillable bridge plug and pressure test perforations 3286 - 3419.

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

SIGNED: Doyle Hartman TITLE Operator - Part. Owner DATE 4-24-78

APPROVED BY: Jerry Sexton TITLE Dist. L. Supv. DATE APR 26 1978

CONDITIONS OF APPROVAL, IF ANY:

Doyle Hartman
Gulf Green No. 1
L-21-22-36
(G.L. 3546)

✓ IR = (+446)

✓ R = (+248)

Squeezed
Interval

Valmet Gas
Interval

Top of Unitized Interval
(Oil & casinghead Gas only)

310

320

330

340

350

P.

of Section

4-15-78 to 4-16-78

Interval: 3286 - 3585 (Entire Perf. Interval)
Remarks: Crossflow occurring between upper interval perfs and lower interval perfs.

DATE	TIME	CUM. HRS. / MIN.	PSIG @ 3,450 FEET
4-15-78	5:45 PM	00 HRS. 00 MIN.	415
4-15-78	6:00 PM	00 15	416
		00 30	417 GAUGE OFF BOTTOM
		00 45	
		01 00	
		01 30	
		02 00	
		03 00	
		04 00	
		05 00	
		06 00	
		07 00	
		08 00	
		10 00	
		12 00	
		14 00	
		16 00	

TEST DATE: APRIL 15-16, 1978
TEST DEPTH: 3,450 FEET

ELEMENT NO.: 9749
RANGE: 0-1400 PSI
CLOCK NO.: C-4020
RANGE: 0-24 HOUR

TIME-IN HOURS

DOYLE HARTMAN

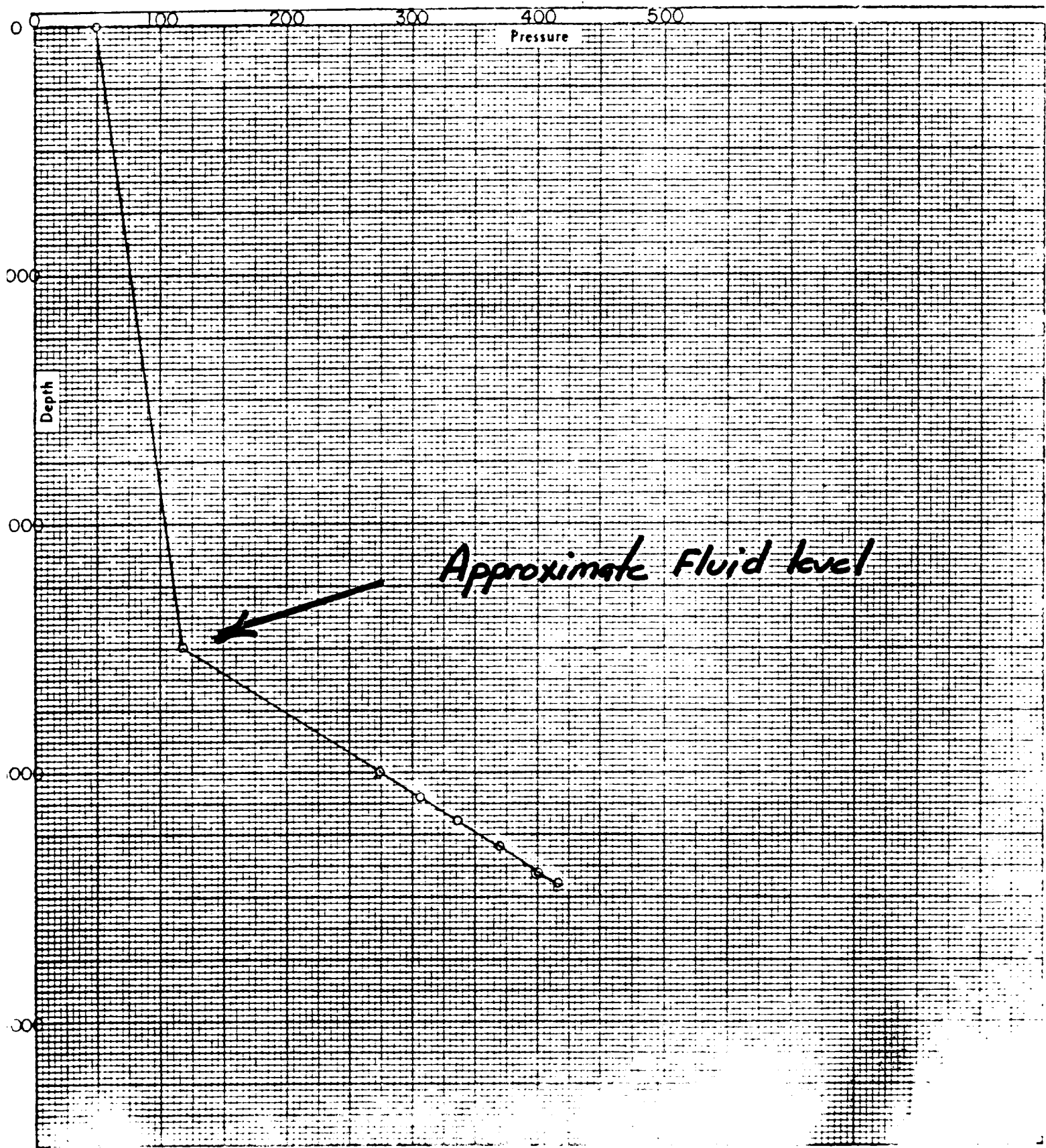
GULF GREER WELL NO. 1
BOTTOM HOLE PRESSURE BUILD-UP TEST

JOHN W. WEST ENGINEERING CO. HOPKINS, NEW MEXICO
Date: 4-17-78 Drawn by: MCT Scale: AS SHOWN

BOTTOM HOLE PRESSURE SURVEY REPORT

OPERATOR DOYLE HARTMAN
LEASE GULF GREER
WELL NO. 1
FIELD _____
DATE 4-16-78 TIME 4:00 P.M.
STATUS SHUT-IN TEST DEPTH 3,450'
TIME S.I. 22 HRS. LAST TEST DATE _____
CAS. PRES. _____ BHP LAST TEST _____
TUB. PRES. 49 PSIG BHP CHANGE _____
ELEV. _____ FLUID TOP _____
DATUM _____ WATER TOP _____
TEMP _____ RUN BY B.D.
CLOCK NO. C-4020 GAUGE NO. 19389
ELEMENT NO. 9749 (0-1400 PSI)

DEPTH	PRESSURE	GRADIENT
000	49	
2500	118	.028
3000	274	.312
3100	306	.320
3200	337	.310
3300	371	.340
3400	401	.300
3450	417	.320



Gulf-Greer No.1

4-19-78 to 4-20-78
Interval: 3479-3585 (Lower Interval)

Remarks: Lower Interval perfs are isolated from upper Interval perfs and no cross-flow is occurring.

Note: Final buildup pressure on second test is less than starting buildup pressure on first pressure test.

TEST DATE:
APRIL 19-20, 1978

TEST DEPTH:
3,450 FEET

ELEMENT NO:
9749
RANGE:
0-1400 PSI
CLOCK NO:
C-4020
RANGE:
0-24 HOUR

TEST DATE:
APRIL 19-20, 1978

TEST DEPTH:
3,450 FEET

ELEMENT NO:
9749
RANGE:
0-1400 PSI
CLOCK NO:
C-4020
RANGE:
0-24 HOUR

PSIG @ 3,450 FEET

LAST SWABB OUT

126 GAUGE REACHED 3450'

148

160

170

180

190

202

212

217

222

226

229

231

233

234

236

237 GAUGE OFF BOTTOM

CUM. HRS. / MIN.

00 HRS 00 MIN

00 15

00 30

00 45

01 00

01 30

02 00

03 00

04 00

05 00

06 00

07 00

08 00

09 00

10 00

11 00

12 00

13 00

TIME

6:00 PM

6:15 PM

11:00 PM

12:00 MN

1:00 AM

7:00 AM

TIME IN HOURS

TIME IN HOURS

DOYLE HARTMAN

GULF GREER WELL No. 1

BOTTOM HOLE PRESSURE BUILD-UP TEST

JOHN W. WEST ENGINEERING CO. HOBBES, NEW MEXICO

Date: 4-20-78 Drawn by MCT Scale: AS SHOWN

BOTTOM HOLE PRESSURE SURVEY REPORT

OPERATOR DOYLE HARTMAN
LEASE GULF GREER
WELL NO. 1
FIELD _____
DATE 4-20-78 TIME 7:00 AM
STATUS SHUT IN TEST DEPTH 3,450'
TIME S.I. 13.0 HRS LAST TEST DATE _____
CAS. PRES. _____ BHP LAST TEST _____
TUB. PRES. 59 PSIG BHP CHANGE _____
ELEV. _____ FLUID TOP _____
DATUM _____ WATER TOP _____
TEMP _____ RUN BY J.A.B.
CLOCK NO C-4020 GAUGE NO 19389
ELEMENT NO. 9749 (0-1400 PSI)

DEPTH	PRESSURE	GRADIENT
000	59	
1000	64	.005
2000	71	.007
3000	88	.017
3450	237	.331

