

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

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

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

WELL API NO.

30-025-05294

5. Indicate Type of Lease

STATE ☐

FEE ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

Denton

8. Well No.

7

9. Pool name or Wildcat

Denton (Devonian)

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

2. Name of Operator

Phillips Petroleum Company

3. Address of Operator

4001 Penbrook Street, Odessa, TX 79762

4. Well Location

Unit Letter G : 1975 Feet From The North Line and 1987 Feet From The East Line

Section

11

Township

15-S

Range

37-E

NMPM

Lea

County

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

3805.5' RKB; 3791.3' 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: Deepen w/i Devonian, perf. & acidize ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐

ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐

PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☐

OTHER: ☐

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.

(See attached sheets for detailed procedure to deepen 80' (within Devonian), perforate, acidize and return to production.)

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

SIGNATURE

L. M. Sanders

TITLE Reg. & Proration Supv.

DATE 05-08-91

TYPE OR PRINT NAME

L. M. Sanders

TELEPHONE NO. 368-1387

(This space for State Use) ORIGINAL SIGNED BY JERRY SEXTON

DATE 05-08-91

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

MAY 18 1991

RKB @ 3805.5
CHF @
GL @ 3791.3

WELL SERVICE APPROVAL - ALL
PHILLIPS PETROLEUM COMPANY--PERMIAN BASIN

Date: May 6, 1991

District North Subdistrict Lovington
Lease & Well No. DENTON No. 7
Legal Description 659' FSL & 1987' FEL, Sec 11, T15S, R37E
LEA County State: NEW MEXICO
Field Denton (Devonian)
Status: Kobe pump 22 BOPD 136 BWP 20 MCFD 07/01/90
Tbg. 2 3/8, 4.78, M-80 - 369 joints
Other

Date Drilled: Spudded 10-31-51. Completed 5-21-52.

Hole/Casing Condition No known problems

Interval	Date	Type	Vol Gals	Lbs. Sand	Max Rate 4bpm	Max Press	ISIP	Down
12010-12080	8/77	28% Hcl	2000			3400	Vac	Tbg
11665-11680	9/76	28% Hcl	2000		2.5	5000	0	Tbg
11772-11903	8/76	15X28%	2500		4	4600	1600	Tbg
12490-12590	9/63	15%	4000		2.7	2450	2450	Tbg
12490-12610	4/52	Mud Acid	4500			3600		Tbg
12640-12670	4/52	15%	5000			3500		Tbg

Wellhead Description:

National 11" Series 900, 3000 psi WP

Workover Proposal: Drill out packers, CIBP's, casing shoe and deepen well 80' to test Lower Devonian formation and retest additional Devonian zones.

JUSTIFICATION:

This well was spudded in Dec. 1951 and completed in May 1952. The bottom perfs from 12640'-670' flowed for four days after an acid job at a rate of 360 -298 BOPD and 2-6 BWP on a 1/2" choke at 100 psi and 1300 psi shut-in pressure. After the fourth day the well was shut-in and the drilling rig moved out. When the completion rig moved in, this zone was plugged off with a CIBP placed at 12610'. It was probably felt that the pressure was too low to complete for natural flow. The well was perf'd from 12490'-12610' and acidized. It came in at 683 BOPD and 0 BWP at 200 psi and was dropped from report. Since then additional uphole perfs have been added and the last stimulation was in 1977.

This workover will retest the original bottom zone and also test for possible production out of the Lower Devonian formation immediately below casing shoe. In addition, each Devonian zone will be individually acidized. The overall potential for this well is very high. Economics were based on conservative 35 BOPD increase. Partner approval has already been obtained from Hondo (50%).

New Perfs to be Added:

11503'-11550' 47' 94 holes
11610'-11626' 16' 32 holes
12110'-12150' 40' 80 holes
12240'-12330' 90' 180 holes
12440'-12475' 35' 70 holes

Checked by:

Reser. Engr. C. K. Stevens

Prod. Engr. R. L. Becker

Approved R. M. Sulak

13 3/8", 48#, H-40
@ 361'. Cmtd to Surf
w/ 350 sks.

8 5/8", 24-32#, J-55
@ 4656'. Cmt to Surf.

DV Tool @ 8975'

Baker Loc-Set Pkr at 11440'

=== 11665'-11680' 15' (30 holes)
=== 11772'-11792' 20' (40 holes)
=== 11808'-11823' 15' (30 holes)
=== 11834'-11839' 5' (10 holes)
=== 11850'-11860' 10' (20 holes)
=== 11880'-11890' 10' (20 holes)
=== 11898'-11903' 5' (10 holes)

Baker Model "D" set at 11990'

=== 12010'-12020' 10' (20 holes)
=== 12040'-12050' 10' (20 holes)
=== 12060'-12080' 20' (40 holes)

CIBP set at 12440'

Baker Model "D" set at 12460'

== 12490'-12610' 120' (720 holes)
CIBP set at 12625' w/12' cmt on top
=== 12640'-12670' 30' (180 holes)

5 1/2", 15.5# J-55 to 20# M-80
Set at 12695'. Two stage cmt job
1st: 400 sks ; 2nd: 675 sks 8% gel