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NEW MEXICO OIL CONSERVATION COMMISSION

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

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.)		5a. Indicate Type of Lease State ☒ Fee ☐
1. ☒ OIL WELL ☐ GAS WELL ☐ OTHER-		5. State Oil & Gas Lease No.
2. Name of Operator Phillips Petroleum Company		7. Unit Agreement Name
3. Address of Operator Room 806, Phillips Bldg., Odessa, TX 79761		8. Farm or Lease Name Denton
4. Location of Well UNIT LETTER <u>G</u> <u>2302</u> FEET FROM THE <u>north</u> LINE AND <u>2310</u> FEET FROM THE <u>east</u> LINE, SECTION <u>11</u> TOWNSHIP <u>15-S</u> RANGE <u>37-E</u> NMPM.		9. Well No. 17
15. Elevation (Show whether DF, RT, GR, etc.) 3794' Ground		10. Field and Pool, or Wildcat Denton (Devonian)
12. County Lea		11. County Lea

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐ TEMPORARILY ABANDON ☐ PULL OR ALTER CASING ☐ OTHER ☐	PLUG AND ABANDON ☐ CHANGE PLANS ☐	REMEDIAL WORK ☐ COMMENCE DRILLING OPNS. ☐ CASING TEST AND CEMENT JOB ☐ OTHER <u>deviate to straighten crooked hole</u> ☒	ALTERING CASING ☐ PLUG AND ABANDONMENT ☐
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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.

- 12-11-76: WIH w/DP, OE, to 11714' w/no returns. Howco spotted 300 sx Class H cmt w/6/10% CFR-2, 3# salt/sx, 7# of #3 sand/sx, mixed at 16.2#/gal. Displaced w/152 bbls mud w/good returns. Job comp. 5 PM. COOH. WIH w/bit to 4700'.
- 12-12-76: Lowered bit to 9000'. Pumped 150 bbls magnesium oxide gel slurry for loss circ at 9800'. Displaced w/166 bbls mud, pmpd in 100 bbls into formation. Hole circ w/95% returns. Lowered bit and washed from 9700-9800' washed 10200-300'. Drld cmt stringer from 10,300-435', firm to hard cmt f/10435-690'.
- 12-13-76: Drld hard cement f/10690-753'. Circ 3 hrs w/full returns. Pld 54 jts DP; lowered bit to 10753', pulled bit to 10,000'. Spotted 150 bbls magnesium oxide loss circ plug at 10,000'. Pressure increased from 400# to 1200# while displacing w/100 bbls mud. Pulled bit wet to 8000'. Broke circ. w/max press of 800#. Closed pipe rams. Pressured 65 bbls into formation w/550#, hole standing fell. Lowered bit and broke circ at 9000', 9500', and 10753'. Circ 1-1/2 hrs w/80% to 100% returns. COOH.
- 12-14-76: WIH w/directional bit, dynadrill, 2-1/2" bent sub, 30' monel clr, on 4-1/2 DP to 10743'. Oriented tool, began drilling, losing 50-60% returns. COOH w/34 stands DP, rec wiper rubber. Lowered bit to bottom, began drilling. Sperry Sun steering tool malfunctioned, came up hole to 4658'. Cond hole. Last estimated 400 FM in 24 hrs. (OVER)

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

SIGNED W. J. Mueller
Terry Benson
 Dist 1, Supv

TITLE Engineering Advisor

DATE 2-4-77

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

cc: Atlantic Richfield Co., Gulf Energy & Minerals Inc., Marathon Oil Company

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OIL CONSERVATION COMM.
N. M.

12-15-76: Moved out Sperry Sun, MI Scientific Drilling Control. Lowered bit to 10743', started drilling. Starting angle--South 65 deg west. Added 60 bbls oil to mud system. Lost estimated 600 bbls mud last 24 hrs.

12-16-76: Drid 10766-90' w/Dynadrill w/50% to 75% returns in sidetracked hole. COOH, pipe came wet. Hole began flowing after 25 stands DP. Net mud loss--550 bbls. Hole deviation at 10770' is 4-1/2 deg South, 60 degrees West.

12-17-76: WIH w/7-7/8" hole opener to 4700'. Pressured 300 bbls sulphur water into formation w/300 bbls mud. Lowered hole opener to 10743', reamed to 10785' w/50 to 75% returns. COOH. Lost est 600 bbls mud in 24 hrs. Hole deviation--4 deg. at 10785', direction south 69 deg. west.

12-18-76: WIH w/OE DP to 9000'. Howco spotted 68 bbls bentonite and diesel squeeze plug and 200 sx Class H cmt mixed at 15.6#/gal. Press 68 BDO plug and 150 sx cmt into formation. Max press 1100#, bled to 1000# in 1 hr. COOH. WOC 12 hrs.

12-19-76: WIH w/bit w/string reamer 60' above bit, jars at 317' above bit. Drid firm cmt F/9592-9860' w/full returns. Lowered bit to 10790' and drilled to 10822' w/full returns. Hole deviation--4 deg at 10819', direction--north 70 degrees west.

12-20-76: Drid 10819-867', lines & shale, w/full returns.

12-21-76: Drid lime & shale 10867-10911'. 40 deviation north 80° west.

12-22-76: Drid lime & shale 10911-10960'. 40 deviation at 10940', north 78° west.

12-23-76: Drid lime & shale 10960-11000'.

12-24-76: Drid lime & shale 11000'-11006'. 3-3/4° deviation at 11002', north 78° west.

12-25-76: SD 24 hrs.

12-26-76: Drid 11006-11015', circ to COOH. SD 10 hrs.

12-27-76: COOH to check DCS. WIH w/7-7/8" diamond bit, dynadrill, 2-1/2° bent sub, and monel collar to 11015'. RU Scientific Drlg. Control steering tool. Drid 11015-11035'.

12-28-76: Drid 11035-54' w/dynadrill, failed at 11054'. Added 60 BO to mud. 3-1/2° deviation at 11029', north 61° west.

12-29-76: WIH w/7-7/8" bit string reamers @ 60' and 90' above bit. Circ out 60 bbls sulphur water. Drid 11054-75'. 3-3/4° deviation at 11053', north 38° west.

12-30-76: Drid 11075-99'. 3-1/2° deviation at 11099', north 17° west.

12-31-76: Drid 11099-134'.

1-1-77: Drid 11134-161'. Trip to change out bottom hole assy. WIH w/new bit & bottom hole assy stuck at 11071', jarred free. Reamed 11071-100'. Twisted drill string in two, lost 30,000# wt.

1-2-77: COOH, found jars twisted in two at plunger. Fish in hole bottom at 11100', top 10717'. WIH w/7-5/8" OD overshot w/6-1/8" grapple w/bumper sub & jars. Rec fish. 3-1/2° deviation at 11161', north 35 west.

1-3-77: Drid 11161-198' in lime and shale. In trip, circ out 120 bbls sulphur water while reaming 11100-161', wt on bit 20,000# @ 45 RPM. 3-3/4° deviation at 11184', north 19 west.

1-4-77: Drid 11198-11246', 3-3/4° deviation, at 11246, north 33° west.

1-5-77: Drid 11,246-309'. 2-3/4° deviation at 11309', north 55° west.

1-6-77: Drid 11309-346'.

1-7/9-77: Drid 11346-11608'. Deviation: 2-1/2 deg at 11,370', north 63° west. 3 deg at 11420', north 48° west. 2-1/2 deg at 11480', north 42° west. 2-3/4 deg at 11546', north 57° west. 3 deg at 11604', north 60° west.