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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 REOPEN EXISTING WELLS TO A DIFFERENT RESERVOIR. USE APPLICATION FOR PERMIT TO DRILL (C-101) FOR SUCH PROPOSALS.)

1. ☒ OIL WELL ☐ GAS WELL ☐ OTHER-

2. Name of Operator
Amoco Production Company

3. Address of Operator
P. O. Drawer A, Levelland, Texas 79336

4. Location of Well
UNIT LETTER C 660 FEET FROM THE North LINE AND 1980 FEET FROM
THE West LINE, SECTION 32 TOWNSHIP 9-S RANGE 30-E N.M.P.M.

5. Elevation (Show whether DF, RT, GR, etc.)
4042 GR

5a. Indicate Type of Lease
State ☒ Free ☐

5. State Oil & Gas Lease No.
K-5606

7. Unit Agreement Name

6. Farm or Lease Name
State DQ

9. Well No.
1

10. Field and Pool, or Wildcat Many Gates Above

12. County
Chaves

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 ☐	Completion ☒

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 1193.

Reached TD of 9540' 2/17/78. Ran logs. Run DST No. 1 2/20/78 over interval 9486'-9540' Morrow. Results attached. Run DST No. 2 9300-9540' Atoka Morrow. DST failed. Run DST No. 3 9300-9540' Atoka Morrow. DST failed. Run DST No. 4 9300-9540' Atoka Morrow to evaluate log porosity zone 9340-9350'. Tool plugged off on initial preflow but first recorded an IFBHP 1890 PSI. IHH 5443 PSI. Rec 120 ft gas cut drilling mud and resistivity 0.06 at 58 Deg. F. and CHL 186000 MG/L. Run 5½" 17# J-55 & N-80 casing and set at 9540'. Cement w/820 sx Class "H" plus additives and 230 sx Trinity Lite + additives. Plug down 1:20 P.M. 2/24/78. WOC 10½ hrs. Run temperature survey. Found top of cement at 6490'. Release Rial Drilling Rig #6 12:00 Midnight 2/24/78. Move in service unit 3/3/78. Total WOC time 168 hrs. Test casing w/ 1500# for 30 min. Test ok. Spot 200 gal 10% acetic acid at 9355'. Raise tbq to 7000 ft and perforate interval 9342'-9350' w/4 JSPF. Run tbq x pkr and set pkr at 9217'. Install wellhead and test well. Release service unit 3/9/78. On 3/11/78, acidize down tbq with 1500 gal 7½% MS acid and 1000 SCF nitrogen per bbl and 70 7/8" ball sealers. Flush w/24 BBL KCL water w/ nitrogen. Test well. On 3/13/78 frac down tbq w/15000 gal MS frac & 3750# 100 mesh sand & 12000 # 20/40 sand & 2625# 20/40 glass beads & 5500 gal CO₂. Flush w/1500 gal MS frac. Well completed 3/15/78 as a SI Morrow gas well. Potential of 17 BC x 0 BW x 1090 MCFPD on 16/64" choke, 20 hrs. TPF 775#.

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

SIGNED Ray W. Cox TITLE Administrative Supervisor DATE April 12, 1978

Orig. Signed by
Jerry Sexton
Dist. 1, Supv.

APPROVED BY _____ TITLE _____ DATE April 17 1978

CONDITIONS OF APPROVAL, IF ANY:
0 + 3 - NMOCC-H 1-Div. 1-Susp. 1-RC

ATTACHMENT TO FORM C-103
STATE DQ #1
WILDCAT MORROW
SEC. 32, T-9-S, R-30-E, CHAVES COUNTY, NM

2-20-78 DST No. 1

9486-9540 MORROW BY TELEFLOW TST SYSTEM TO EVALUATE LOG POROSITY
ZONE 9487-9499. ON 11 MIN CLOSED CHAMBER INITIAL PREFLOW PROD
RAT-HOLE MUD X GAS RATE CALCULATED AT 1.5 MCFPD. R 29 MIN ISI
BHP. ON 37 MIN FINAL FLOW AVG CLOSED CHAMBER FLOW RATE OF 1.0
MCFPD WAS INDICATED APPARENTLY FROM LOW PERMEABILITY FM. R 60
MIN FSIBHP. REC 15 FT 0.07 BBLS OF DRL MUD X RESISTIVITY 0.11
AT 55 DEG F X CHL 183000 PPM. SAMPLE CHAMBER RECOVERY AT 0 PSI
OF 1100 CC OF MUD X CHARACTERISTICS IDENTICAL TO PIT MUD OF RES-
ISTIVITY 0.11 AT 55 DEG F X CHL 183000 PPM.
IHH 5469 PSI. 11 MIN IFBHP 98-98 PSI.
29 MIN ISIBHP 198 PSI. 37 MIN FFBHP 110-110 PSI.
60 MIN FSIBHP 500 PSI. FHH 5456 PSI. BHT 156 DEG F.