Submit 3 Copies to Appropriate District Office

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

State of New Mexico
Energy, Minerals and Natural Resources Department

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

Form C-103
Revised 1-1-89

WELL API NO.

5. Indicate Type of Lease STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

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.)

7. Lease Name or Unit Agreement Name
Paddock (San Angelo) Unit

1. Type of Well:
OIL WELL ☒ GAS WELL ☐ OTHER

2. Name of Operator
Exxon Corporation

8. Well No.
68

3. Address of Operator
P. O. Box 1600, Midland, TX 79702

9. Pool name or Wildcat
Paddock

4. Well Location
Unit Letter F : 1980 Feet From The North Line and 1980 Feet From The West Line

Section 11 Township 22S Range 37E NMPM Lea County

10. Elevation *(Show whether DF, RKB, RT, GR, etc.)*
3366 DF

11. 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 ☐		CASING TEST AND CEMENT JOB ☐	
OTHER: Add additional Pay ☒		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.

Add additional pay in Glorieta zone. See attached procedure.

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

SIGNATURE D. Johnson TITLE Administrative Specialist DATE 5-30-90

TYPE OR PRINT NAME Stephen Johnson TELEPHONE NO. 915-688-7548

(This space for State Use)

Orig. Signed by
Paul Kautz
Geologist

JUN 07 1990

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

WORKOVER PROCEDURE

WELL: Paddock Unit #68

DATE: 5/03/90

FIELD: Paddock

BACKGROUND: Well has been shut in since 1978.

OBJECTIVES: Plug back open-hole interval (Paddock), test for casing leaks, perforate Glorieta, acidize, run pressure surveys, test, and prepare well for production (expected to be a flowing gas well).

FORM. PSI (Padd):	< 400 psi	PROD CASING:	5.5"/15.5#
FORM. PSI (Glor):	up to 2,500 psi	MIN DRIFT ID:	4.825"
WO FLUID:	10 ppg BW	MIN BURST:	4372 psi(w/1.1 SF)
MAX ANTICIPATED SITP:	< 2000 psi	H_2S :	400 ppm (est.)
BOP CLASS:	III	BOP SERVICE:	Sour
BOP VARIANCES:	NO	HI-RISK EQUIP?:	NO

PROCEDURE:

1. Before MIRU well service unit, check the pressures on the tubing and all casing annuli. Report annular pressures found to the Exxon supervisor and subsurface engineer.

2. MIRU slickline and class II lubricator/ wireline BOP assembly and test per company guidelines.

3. RIH with BHP bomb and measure BHP @ 5,123', plus each 1000' up to the fluid level. POH with bomb and rig down slickline.

4. If casing pressure was discovered in Step 1, discuss appropriate and safe blow down procedures with Exxon supervisor. Attempt to bleed annulus pressures to zero. For annular pressures that will not bleed to zero, first review with the field superintendent, then inform subsurface engineer. Document all annular pressure activity on morning report.

5. Test rig anchors per Ops Bulletin #52 and send charts to T. R. Quintero in Midland. Replace as necessary.

6. MIRU WSU and after ensuring well is dead, install Class III BOP and test per company guidelines (rods are out of hole).

7. RIH to below casing shoe @ 5,089' to check for fill, then POH with tubing and BHA. Inspect tubing and replace as needed. If fill was discovered above casing shoe, bail to below casing shoe.

8. MIRU wireline, install class II lubricator, and test per company guidelines.

9. RIH with a CIBP and set at approximately 5,080' (between lowest planned new perf and casing shoe).

10. Fill hole through annulus valve and test casing/CIBP to 500 psi (against blind ram). If any leaks are discovered, RIH with treating packer on 2-3/8" workstring, isolate leak, and establish injection rate. Contact Subsurface engineer for repair procedure before continuing.

NOTE: Burst rating of 2-3/8"/4.7#/J55 tubing is 7000 psi (S.F.=1.1) with 0 psi on the backside.

11. Run GR/CNL/CCL log from TD up to 4,900'. Fax results to Geologist R.C. Asreen in Midland (Fax # 915-688-6723) for correlation and verification of perf interval.

12. Perforate 91 shots @ 1 spf from approximately 4,976 - 5,066' (verify with Geologist after running GR/CNL/CCL log).

    a. Correlate new GR/CNL/CCL
    b. Use a 4" hollow steel carrier casing gun.
    c. Use premium charges.
    d. Shoot at 120 deg phasing (1 spf).
    e. Rig down wireline unit.

13. RIH with a double-grip retrievable packer and on-off tool with 1.81" F-nipple on 2-3/8"/4.7#/J55 tubing. Tag CIBP, then pull up 5 - 10', set packer, and test CIBP to 2000 psi.

14. Unset packer and spot 2 bbl of NeFeHCl across perfs. POH to 4,950', reverse 2 bbl ± into tubing and set packer. Re-test backside to 500 psi and let acid soak for one hour.

15. Acidize the perfs as follows:

    Acid: 200 bbl 15% NeFeHCl containing 2 gallons per thousand (GPT) corrosion inhibitor, 2 GPT of NEA, and 5 GPT of citric acid.

    Diversion: 150 buoyant (0.9 S.G.) ball sealers.

    a) Pump the above acid at the maximum rate (up to 7 bpm) to maintain a maximum of 2000 psi treating pressure after initial breakdown.

    b) Inject 6 ball sealers after each 8 bbl ± of acid.

    c) Flush with ≈ 22 bbl workover brine.

16. Unset packer, knock balls off and reverse them out. (Probably won't have to knock balls off)

17. Re-set packer at 4,900'±. Shut well in for 1/2 hour to allow acid to spend.

18. Flow/swab back load until well cleans up.

19. MIRU slickline, install class II lubricator/ wireline BOP and test. Install an F-plug in on-off tool and rig down slickline.

20. Unjay on-off tool and circulate wellbore full of the following packer fluid (casing capacity is approximately 120 bbl):

    Packer fluid:

    2% KCl water containing 20 gals Corexit 7720 and 10 gals Corexit 7672 per 100 bbl KCl water.

21. "J" back onto on-off tool. ***Make sure tubing pressure is zero***, then ND BOP's and nipple up 2,000 psi (minimum) Christmas tree. Include in the assembly a master valve, flow tee, crown valve, tree-top tapped for needle valve/pressure gauge assembly, wing valve, and choke. Valves should be gate-type; threaded connections are acceptable.

22. RDMO well service unit and arrange to have well hooked up for production (contact Steve Miller @ x-6614 for production hookup details).

23. MIRU slickline and install class II lubricator/ wireline BOP on tree. Test per company guidelines. Retrieve F-plug and RDMO slickline.

24. Open well up and unload packer fluid in tubing. Swab if necessary.

25. Hook up flowline and ***flow well until rate stabilizes***.

26. MIRU slickline and lubricator assembly. RIH with BHP bomb and run a flowing pressure gradient from TD to surface in 1000 ft. increments (contact Kevin Jensen at x-6220 with questions on pressure survey and testing procedures).

27. RDMO slickline and flow-test well until further notice.

28. After completion of flow test, shut well in for several days to allow pressure to stabilize.

29. After shut-in pressure has stabilized, MIRU slickline and Class II lubricator/ wireline BOP assembly and test. RIH with a pressure bomb and read bottom hole pressure. Rig down slickline.

30. Well is a possible plunger-lift candidate. Procedure and separate AFE are attached. Contact Guy Massey at x-6782 before implementing plunger-lift procedure.

4/4/90
JLC

FM for
RDS
5/7/90

Operations Superintendent — Date 5/7/90

Note: please track costs for this workover on attached "Well Work Cost Stewardship" form. If a supplement becomes necessary, fax a copy of completed form to Subsurface Engineer.

jlc_apr90.pddk68.doc

Wellbore Sketch

Date: 6/15/89

Lease, Well: PADDOCK UNIT #68

Elev. 3366' DF, 11' above GL

Field: PADDOCK UNIT

Field Supt: J. S. McBEE

H2S 400 PPM

Tubing Size 2 3/8" Grade

7/68

Bottom Hole Arrangement

BP, MA, Perf. sub, SN 163 jts 2 3/8 set @ 5147'

Well history:

9/1/46 IP O.H. 5089-5158
PF. 5143-5146 (Pdck) IPF 346 BOPD
No treatment
& BWPD, 615 Kcfpd Grav. 38.2 @ 60°

8/18/62 W.O. A/OH 5089-5158'
w/ 500 gals (5%) IPF 44 BOPD, & BWPD

8/19/86 WO TA

3#

2 3/8" tubing

BEFORE

5#

5089'-5158' OH

'-5146'

TD @ 5158'

Wellbore Sketch

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9/1/46 IP: OH 5089'-5158'
PF 5143-5146' (PDCK) IPF 346 B
NO TREATMENT
& BWPD, 615 KcFPD, Gr. 38.2

8/18/62 WO F/OL 5089'-5
w/ 500 gals (5%) IPF 44 BOPD

8/19/86 WO TA

13 3/8" 48# @ 304'

8 5/8 32# @ 2798'

2 3/8"/4.7#/J55/EUE tubing

AFTER

TOC Unknown

On-off tool

Double grip pkr @ 4900'±

4976-5066 (proposed perfs)

CIBP @ 5080'±

5 1/2" 15.5# @ 5089'

5089'-5158' OH

5143'-5146'

TD @ 5158'