

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil ☒ well ☐ gas well ☐ other

2. NAME OF OPERATOR
Sun Exploration & Production Co.

3. ADDRESS OF OPERATOR
P. O. Box 1861

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1980' FSL & 1980' FEL
AT TOP PROD. INTERVAL: Perfs 3240-3290'
AT TOTAL DEPTH: 3324' TD

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐

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(other) Test downhole equipment

Well TA'd

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent data including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

1. MIRU WO rig. Install BOP.
2. RIH w/ bit and csg scraper on 2-3/8" WS. CO hole to CS.
3. POH w/ ws, bit and scraper.
4. RIH w/ RBP, RDG pkr on WS.
5. Set RBP at 3210'. Set pkr at 3160'. Test RBP to 500 psi.
6. Rlse pkr and load annulus w/ inhibited produced wtr.
7. Test csg to 500 psi.
8. If leak is found, isolate by moving pkr to various depths.
9. POH w/ ws, pkr and RBP, SI.
10. NOTE: Inhibit water w/ 10 gal/ 100 bbl KW-79.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

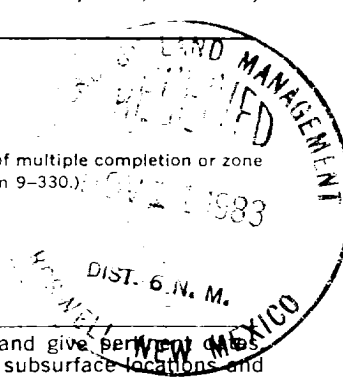
SIGNED Martin J. Perez TITLE Sr. Acctng. Asst. DATE 11/10/83

APPROVED (This space for Federal or State office use)
PETER W. CHESTER
APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

FEB 27 1984

5. LEASE
LC-032510 (b)
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
Gregory "C"
9. WELL NO.
3
10. FIELD OR WILDCAT NAME
Langlie Mattix
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Unit Ltr J, Sec. 35, T-25-S, R-37-E
12. COUNTY OR PARISH
Lea
13. STATE
New Mexico
14. API NO.
15. ELEVATIONS (SHOW DF, KDB, AND WD)
NA

(NOTE: Report results of multiple completion or zone change on Form 9-330.)



SERVICE WORK PROCEDURE

WELL DATA:

LEASE AND WELL Gregory C #3 DATE 10-16-83

FIELD AND RESV. Langlie-Mattix (H. Rure Queen Grayburg)

PROBLEM, CAUSE, SOLUTION, AND RECOMMENDATION Well has been TA'd since 1968. US Dept of Interior requests testing of CSG.

CASING DATA 5-1/2" 14# PBD TD 3324'

LINER DATA

PERFS 3240-50', 3270-76, 3283-90' w/ 4 spf

TUBING DATA

PACKER OR DOWNHOLE TOOL DATA

PRESENT PRODUCTION AND METHOD

MISC. INFORMATION Contact USDI office in Hobbs to have representation witness test. Telephone # (505) 393-3612.

PROCEDURE:

- 1) MDR II W/O rig. Install BOP.
- 2) RH w/ bit and csg scraper on 2-3/8" WS. CO hole to CS.
- 3) POH w/ WS, bit and scraper.
- 4) RH w/ RBP, RTG pkr on WS
- 5) Set RBP at 3210'. Set pkr at 3160'. Test RBP to 500 psi.
- 6) Rise pkr and load annulus w/ inhibited produced water.
- 7) Test csg to 500 psi.
- 8) If leak is found, isolate by moving pkr to various depths
- 9) DRH w/ WS, pkr and RBP SI.
- 10)
- 11)
- 12) Note: Inhibit water w/ 10 gal/100 bbl KW-79

ORIGINATOR: David J. J. J. AREA ENG. (S) Supt.

Income % -
Work % 1.0

WELL DATA

WELL: Gregory C # 3 FIELD: Langle - Matrix
LOCATION: 1920' FEL & 1930' FEL Sec 35 T25-S, R37-E
ELEVATIONS: DE 3021'
SPUD DATE: 6-30-61 COMPLETION DATE: 8-14-61
INITIAL POTENTIAL: 24 hrs F 71 BW, 240 BW, GOR 92
RESERVOIR ON COMPLETION: Permian (72' Perm) DEPTH: 3324' TD
PBD

HOLE AND CASING RECORD

Size Hole Drilled	Depth Drilled	Casing Description	Csg. Point	Sacks Cement	Top of Cement
<u>12"</u>	<u>340</u>	<u>7-7/8'</u>	<u>340</u>	<u>300</u>	<u>0.00?</u>
<u>7-1/2"</u>	<u>3321</u>	<u>5-1/2" 14#</u>	<u>3324</u>	<u>300</u>	<u>1770'</u>

COMPLETION RECORD

Date Completed	Zone	Interval	Present Status
<u>7-6-61</u>	<u>Permian</u>	<u>3240-50</u> <u>3270-76 w/4 spf</u> <u>3282-90</u>	<u>TA'd</u>

WELL HISTORY

7-12-61 Acidized 2nd 7' w/ 250 gal's acid
12-68 T&E P 2 PBD

WELL COMPLETION SKETCHES SUN-5036-4-A

WELL

FIELD

DATE

Gregory C #3

Langhe-Mattix

10-13-83



PRESENT COMPLETION



SUGGESTED COMPLETION

PERMANENT WELL BORE DATA

DATA ON THIS COMPLETION

DF 3021'

8-5/8" CS @ 340'
cmt w/ 300 SX

TCC @ 1600' (calc)

5-1/2" CS @ 3324'
cmt w/ 300 SX

TD 3324'

Perf:

3240-50
3270-76 } w/ 4 JPE
3283-90 }