

Form 9-331
Dec. 1973

Form Approved.
Budget Bureau No. 42-R1424

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 ☒ gas ☐ other ☐
well well

2. NAME OF OPERATOR

Sun Exploration & Production Co.

3. ADDRESS OF OPERATOR

P. O. Box 1861, Midland, TX 79702

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: 1980' FSL & 660' FEL
AT TOP PROD. INTERVAL: OH 3093-3244'
AT TOTAL DEPTH: 3266' 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* ☐

(other) Test downhole equipment ☐

Well TA'd

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and 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. POH w/ rods. 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 2400'*. Set pkr at 2350'. Test RBP to 500 psi.

6. Rise 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, ~~st. Repair or P+V~~

10. *Or set RBP 30' above top of 5" liner, if top above 7" CS

Inhibit wtr w/10 gal /100 bbl KW-79

Subsurface Safety Valve: Manu. and Type

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

SIGNED Manu J. Perez

TITLE Sr. Acctng. Asst DATE 11/10/83

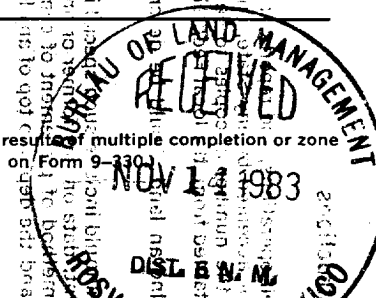
APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

(This space for Federal or State office use)

TITLE ASST. REGIONAL MGR. DATE 11/10/83

5. LEASE	LC-054667
6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
7. UNIT AGREEMENT NAME	
8. FARM OR LEASE NAME	Gregory "A"
9. WELL NO.	5
10. FIELD OR WILDCAT NAME	Langlie Mattix
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA	Unit Ltr I, Sec. 33 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)	3004' DF

(NOTE: Report results of multiple completion or zone change on Form 9-331-C)



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O.C.B.
HOBBS OFFICE

SERVICE WORK PROCEDURE

WELL DATA:

LEASE AND WELL Gregory A #5 DATE 10-18-83
 FIELD AND RESV. Langlie - Mottix (4-Runs Queen Grayburg)
 PROBLEM, CAUSE, SOLUTION, AND RECOMMENDATION Well has been TA'd since 1976. US Dept of Interior requests testing of CSG.

CASING DATA 7", 20# PBD 3244' TD 3266'

LINER DATA 5" set at 3093' (top unknown)

PERFS OH 3093-3244'

TUBING DATA _____

PACKER OR DOWNHOLE TOOL DATA _____

PRESENT PRODUCTION AND METHOD _____

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

PROCEDURE:

- 1) MDRIL WD rig. POH w/ rods. Install BOP. POH w/ tbg.
- 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, RTG pkr on WS.
- 5) Set RBP at 2400'*. Set pkr at 2450'. 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) POH w/ WS, pkr and RBP, SI.
- 10) _____
- 11) Note: Inhibit water w/ 10 gal/100 bbl KW-79
- 12) * Or set RBP 30' above top of 5" liner, if top above 7" CS.

ORIGINATOR: David J. J. J. AREA ENG. [Signature] SUPT. _____

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Income % 2.2
Work % 1.0

WELL DATA

WELL: Gregory A #5 FIELD: Langhe-Mix
LOCATION: 1920' ECL and 660' ECL, Sec 23, T 25-S, R 37E
ELEVATIONS: DE 3004'
SPUD DATE: 11-5-52 COMPLETION DATE: 12-6-52
INITIAL POTENTIAL: 60 BOPD on 10/64" CK
RESERVOIR ON COMPLETION: Queen - 7 Riv DEPTH: 3266' TD
3244' PBD

HOLE AND CASING RECORD

Size Hole Drilled	Depth Drilled	Casing Description	Csg. Point	Sacks Cement	Top of Cement
	<u>265'</u>	<u>10-3/4", 32#</u>	<u>256'</u>	<u>175</u>	<u>Circ</u>
	<u>2465'</u>	<u>7", 20#</u>	<u>2457'</u>	<u>200</u>	
		<u>DV 400' 110D'</u>		<u>200</u>	<u>Circ.</u>
		<u>5" liner</u>	<u>3093</u>	<u>50</u>	
		<u>(top of liner unknown)</u>			

COMPLETION RECORD

Date Completed	Zone	Interval	Present Status
<u>12-6-52</u>	<u>Queen - 7 Riv.</u>	<u>OH 2457-3244'</u>	
<u>11-14-54</u>	<u>" "</u>	<u>OH 3093-3244'</u>	

WELL HISTORY

12-7-52 Shot well w/ 140 gals nitro 3000-3260'.
C/O to 3244'
11-14-54 C/O to 3244'. Ran 5" liner. Set @ 3093'.
cmt w/ 50 SX. Test 4.3 BPH.
4-22-54 TA'd 3 - 3000 30 MCFD, 1 BWPD

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U.S. HOUSE OF REPRESENTATIVES

WELL COMPLETION SKETCHES SUN-5036-4-A

WELL

Gregory A #5

FIELD

Langlie-Mattix

DATE

10-17-83



PRESENT COMPLETION



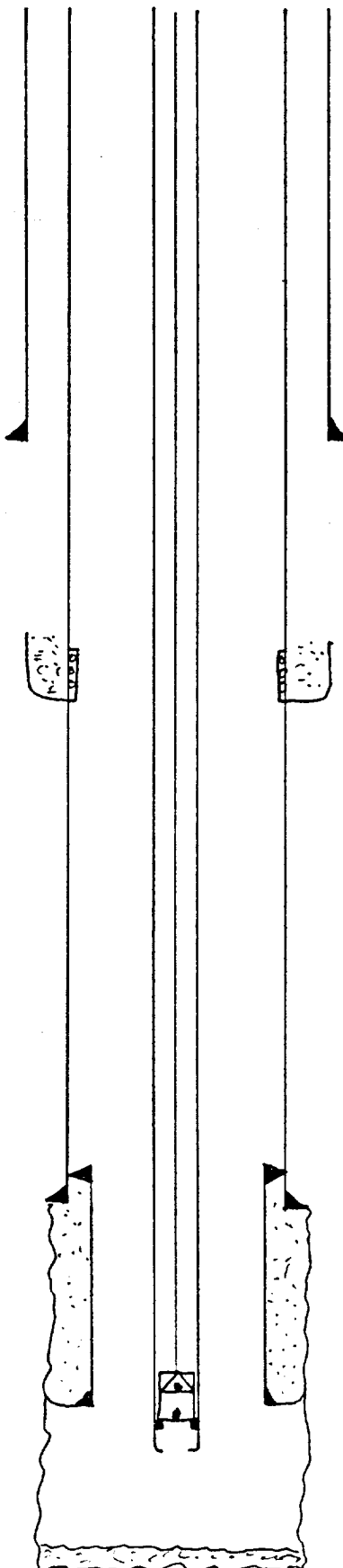
SUGGESTED COMPLETION

PERMANENT WELL BORE DATA

DF 3004'

10-3/4" 32# CS @ 256'
cmt w/ 175 SX (circ)DV tool @ 1100'
cmt w/ 200 SX (circ)7" 20# CS @ 2457
cmt w/ 200 SX5" liner @ 3093'
cmt w/ 50 SX
top of liner unknown

DATA ON THIS COMPLETION

2-3/8" tbg, 3/4" rods
in hole

TD 3266' PBTD 3244'

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OFFICE
HONORARY OFFICE