

NMOCC COPY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.6.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other ☐

b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐

2. NAME OF OPERATOR
Exxon Corporation

3. ADDRESS OF OPERATOR
P.O. Box 1600, Midland, Texas 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At surface 1980' FWL & 660' FSL
At top prod. interval reported below
At total depth

14. PERMIT NO. DATE ISSUED
O.C.C. DEC 15 1977

5. LEASE DESIGNATION AND SERIAL NO.
NM 23177

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Laguna Grande Unit

7. UNIT AGREEMENT NAME
Laguna Grande Unit

8. FARM OR LEASE NAME (Federal)
Laguna Grande Unit

9. WELL NO.
2

10. FIELD AND POOL, OR WILDCAT
Laguna Grande
Morrow Gas

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 27, T23S, R29E

12. COUNTY OR PARISH
Eddy

13. STATE
New Mexico

15. DATE SPUDDED 2-8-77

16. DATE T.D. REACHED 9-24-77

17. INTERVAL (MD) FROM (Ready to prod.)
Dry Hole 12-12-77

18. ELEVATIONS (DF, RKE, RT, GR, ETC.) *
3031 RKB

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 13,806'

21. PLUG, BACK T.D., MD & TVD Dry

22. IF MULTIPLE COMPLET., HOW MANY *

23. INTERVALS DRILLED BY
0-13,806'

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) *
None

25. WAS DIRECTIONAL SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN
SNP, DIL, GRN

27. WAS WELL CORED
No

CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	48 & 61	363'	17-1/2"	650 sx., circ. 15 sx.	---
7-5/8"	29.7 & 33.7	10763'	9-1/2"	1825 sx., TOC 6450'	---

LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
5"	10285'	13795'	500	---			

PERFORATION RECORD (Interval, size and number)				ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
13214-20 (13 holes), 13224-34 (21 holes), 13265-68 (13 holes), 13332-38 (13 holes), 11321-24 (4 shots), 11326-44 (9 holes), 11339 (1 hole), 11344-46 (3 holes), 11349 (1 hole), 11354-58 (5 holes), 11360-4 (5 holes), 11366 (1 hole), 11371 (1 hole)				DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
Total - 30 Shots				13214-38	6000 gal. acid
				11321-71	9000 gal. acid

PRODUCTION							
33.* SEE ATTACHED SHEET		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
DATE FIRST PRODUCTION		Dry				---	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
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FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
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34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)	TEST WITNESSED BY
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35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Martin Ochoa TITLE Unit Head DATE 12-12-77

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Wolfcamp	10046	12014	Perf 11321-11371, acidized w/9000 gal. acid. 24 hr. test. 3/4" ck, TP 8 psi, gas flow 95 MCF/D.
Morrow	12430	TD in Morrow 13806'	Perf 13214-13338, acidized w/6000 gal. acid. After 24 hr. SITP, 400 psi. Well bled to 0 in 3/4 hr. Csg. press. 700 psi. Bled to 0

38. GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Rustler	210	
Bell Canyon	3055	
Cherry Canyon	3952	
Brushy Canyon	5113	
Bone Spring	6790	
Wolfcamp	10046	
Strawn	12015	
Morrow	12430	