

N. M. O. C. C. COPY

COPY

Form approved.
Budget Bureau No. 42 R355.5.UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY(See other in-
structions on
reverse side)

1. LEASE DESIGNATION AND SERIAL NO.

NM 23177

2. IF INDIAN, ALLEGATE OR TRIBE NAME

3. UNIT AGREEMENT NAME

Laguna Grande Unit

4. FARM OR LEASE NAME

Laguna Grande Unit (Federal)

5. WELL NO.

1

6. FIELD AND HOLE, OR WILDCAT

Laguna Grande - Morrow

11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA

Sec. 28, T-23-S, R-29-E

12. COUNTY OR
PARISH

Eddy

13. STATE

New Mexico

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:

OIL WELL ☐ GAS WELL ☒ DRY ☐ Other

5. TYPE OF COMPLETION:

NEW WELL ☐ WORK OVER ☐ DEEP-
EN ☐ PLUG BACK ☐ DIFF.
RESTR. ☐ Other

2. NAME OF OPERATOR

Exxon Corporation

3. ADDRESS OF OPERATOR

Box 1600, Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements):

At surface 1,380' FSL and 990' FEL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUNDED

11-13-75

16. DATE T.D. REACHED

3-2-76

17. DATE COMPL. (Ready to prod.)

3-27-76

18. ELEVATIONS (OF, RKB, PT, CR, ETC.):

DF 3003, GR 2980

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

13700

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

13390

22. IF MULTIPLE COMPLETIONS, HOW MANY?

23. INTERVALS
DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0-13700

24. PRODUCING INTERVAL(S). OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD):

13107-13258

25. WAS DIRECTIONAL
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR Sonic, Dual Laterolog CL-FPC

28.

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	54.5#	343	17-1/2	325 Circ	
10-3/4	45.5 & 51.0	2900	12-1/4	1800 Circ	
7-5/8	29.7	10848	9-1/2	700 Circ	
* 5	18	13695	6-1/2	375	

29.

LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
* 5	10343	13645	375	-	2-7/8	12890	12890

31. PERFORATION RECORD (Interval, size and number)

13529 - 13586 (set retainer at 13400)
cmt. w/100 sacks
13107- 13258 (25 holes)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
13529-13586	Acid 5600 gal.
13107-13258	Acid 6700 gal.
13107-13258	Frac 44000 gal. gelled 3% HCL acid and liquid CO2 and 63,500# proppant

33.*

PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
3-25-76		Flow				SI	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
3-27-76	4 hours	3/64, 7/64, 11/64, 16/64	→	-	-	22	-
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
3224 - 2187	Pkr	→	-	4105 AOF	-	Dry	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

vented

TEST WITNESSED BY

L. B. Ivanhoe, Exxon

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

TITLE

Unit Head

DATE 4-6-76

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

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.	38. GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Brushy Canyon	5060	6718	DST #1 5033-5129 GTS at end of Final Shut in period. Rec. 20' oil and 2444' Oil & gas cut water. ISIP 2329, FP 982-1057 FSIP 2255/240 min.	Rustler	210	
Wolfcamp	9950	11886	DST #2 11209-11432 WC 2000' to 133 min. GTS 15 min. FO.300 MMCFG/D Rec. 6 bbls gas cut mud. ISIP 5902/60 min. FP 1304-1037. FSIP 6153/445 min.	Bell Canyon	3000	
Strawn	11886	12050	DST #3 11880-11922 WC 5040' to 130 min. GTS 42 min. Fl. 256 MMCFG/D with spray of water. Rec. 4 bbl gas cut water. ISIP 7486/60 min. FP 2785-1701 FSIP 7450/180 min.	Cherry Canyon	3893	
Morrow	12312	13700	DST #7 13086-13297 WC 6500' to 138 min. GTS 68 min. Fl. 250 MMCFG/D. Rec. 94' gas cut mud. ISIP 5921/60 min. FP 3347-1795 FSIP 5826/242 min.	Brushy Canyon	5060	
				Bonespring	6718	
				Wolfcamp	9950	
				Strawn	11886	
				Atoka	12050	
				Morrow	12312	