

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other
instructions on
reverse side)Form approved.
Budget Bureau No. 42-R355 5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

5. LEASE DESIGNATION AND SERIAL NO.
NM-14216

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Wells-E

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Langlie-Mattix

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

Sec. 4, T25S, R37E

12. COUNTY OR
PARISH

Lea

13. STATE

NM

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

Terra Resources, Inc.

3. ADDRESS OF OPERATOR

3800 Buffalo Speedway, Houston TX 77098

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

At surface 1980' FEL, 1980' FSL of Sec. 4, T25S, R37E

At top prod. interval reported below Same

At total depth Same

14. PERMIT NO

DATE ISSUED

11/4/76

12. COUNTY OR
PARISH

Lea

13. STATE

NM

15. DATE SPUDDED

2/4/77

16. DATE T.D. REACHED

2/27/77

17. DATE COMPL. (Ready to prod.)

5/30/77

18. ELEVATION (OF DEPTH, RT, OR, ETC.)

3183

19. ELEV. CASINGHEAD

3181

20. TOTAL DEPTH, MD & TVD

3750'

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

3670

22. IF MULTIPLE COMPL. HOW MANY?

23. INTERVALS PULLED BY

ROTARY TOOLS

CABLE TOOLS

X

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

3444'-3669 Queens Sand

25. WAS DIRECTIONAL SURVEY MADE

NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

Simultaneous Compensated Neutron Form.

27. WAS WELL CORED

NO

Density, Simultaneous Dual Lateral Log, Micro-SFL

28. CASING RECORD (Report all strings set in well)

| CASING SIZE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOE SIZE | CEMENTING RECORD | AMOUNT PULLED |
|-------------|-----------------|----------------|----------|------------------|---------------|
| 8 5/8" | J-55-24 Lb. | 1125' | 11" | 400 Sks. | |
| 5 1/2" | J-55-15.5 | 3750' | 7 7/8" | 200 Sks. | |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE | DEPTH SET (MD) | PACKER SET (MD) |
|------|----------|-------------|---------------|-------------|-----------|----------------|-----------------|
| | | | | | 2 3/8 FUE | 3417' | |

31. PERFORATION RECORD (Interval, size and number)

" Jet shots at 3444-48, 3462-72, 3548-54, 3564-73, 3626-32, 3652-57, 3662-69 For total of 47 shots at one shot per foot.

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

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
|---------------------|--|
| 3448-3669' | 1250 gal. 15% NE-44 Acid |
| 3448-3669' | 33,000 gal. gelled water & 40,500 Lbs. sand. |

33. PRODUCTION

| DATE FIRST PRODUCTION | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) | WELL STATUS (Producing or shut-in) |
|-----------------------|--|------------------------------------|
| 3/22/77 | Pump, 20' x 1 1/2" Insert | Producing |

| DATE OF TEST | HOURS TESTED | CHOKE SIZE | PROD'N. FOR TEST PERIOD | OIL—BBL. | GAS—MCF. | WATER—BBL. | GAS-OIL RATIO |
|---------------------|-----------------|-------------------------|-------------------------|----------|------------|--------------------------|---------------|
| 6/1/77 | 24 | | | 20 | 6.3 | 6.5 | 317+1 |
| FLOW, TUBING PRESS. | CASING PRESSURE | CALCULATED 24-HOUR RATE | OIL—BBL. | GAS—MCF. | WATER—BBL. | OIL GR. VITY-API (CORR.) | |
| | 35 | | 20 | 6.3 | 6.5 | 35.3 | |

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

Vented - Treating Fuel

TEST WITNESSED BY

H.G. Starling, J. Worrel

35. LIST OF ATTACHMENTS

Deviation Survey

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

SIGNED

TITLE

Basin Oil Consultants

DATE

6/4/77

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

Now all data from this form is to be reported in a separate report and not on this form. 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 office 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 POROSITY ZONES: | | | 38. (GEOLOGIC MARKERS) | | | |
|--|------|--------|---|--------------------------------|------------------------------|------------------------------|
| SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS, AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL, TESTED, CURSION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURE, AND RECOVERIES | | | | | | |
| FORMATION | TOP | BOTTOM | DESCRIPTION, CONTENTS, ETC. | NAME | MEAS. DEPTH | THICK. VERT. DEPTH |
| Queens | 3444 | 3669 | DST No. 1, From 3449 to 3540 Recovered Small Quantity of Drilling Fluid. Flowing Pressure 82 PSIG, Shut-In Pressure 137 PSIG. DST No. 2, From 3539 to 3620 Recovered 60 Feet of Drilling Mud. Flowing Pressure 87 PSIG, Shut-In Pressure 90 PSIG | Top Salt Yates 7-Rivers Queens | 1294 2954 3257 3444 | Same Same Same Same |