

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

5. LEASE DESIGNATION AND SERIAL NO.

LC-067968

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
WDOU West Ballahide
Queen Sand Unit

8. FARM OR LEASE NAME

9. WELL NO.

30-77

10. FIELD AND POOL, OR WILDCAT

Dollarhide Queen

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

Sec 30, T-24-S, R-38-E

12. COUNTY OR PARISH
Lea
13. STATE
NM

15. DATE STUDDED 7-31-87
16. DATE T.D. REACHED 8-8-87
17. DATE COMPL. (Ready to prod) 8-14-87
18. ELEVATIONS (DF, RKB, RT, GR, ETC)* GL 3120' KB 3131.5'
19. ELEV. CASINGHEAD 3119'

20. TOTAL DEPTH, MD & TVD 3873'
21. PLUG. BACK T.D., MD & TVD
22. IF MULTIPLE COMPL. HOW MANY*
23. INTERVALS DRILLED BY
ROTARY TOOLS 0-3873'
CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION— TOP, BOTTOM, NAME (MD AND TVD)*
3584-3770' Queen
25. WAS DIRECTIONAL SURVEY MADE
Attached

26. TYPE ELECTRIC AND OTHER LOGS RUN
CDL, CN, GR, DLL, MLL
27. WAS WELL CORED
No

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

| CASING SIZE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
|-------------|-----------------|----------------|-----------|---|---------------|
| 8-5/8" | 24# | 425' | 12-1/4" | Cmt 250 sx Class C + 2% CaCl ₂ , Circ. 60 sx | |
| 5-1/2" | 15.50# | 3869' | 7-7/8" | Cmt 800 sx Hall-Lite + 200 15# salt, 1/4# FloceTe, 2% CaCl ₂ , Circ. | sx Class C, |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | BACKS CEMENT* | SCREEN (MD) | SIZE | DEPTH SET (MD) | PACKER SET (MD) |
|------|----------|-------------|---------------|-------------|--------|----------------|-----------------|
| | | | | | 2-7/8" | 3677.70' | |

31. PERFORATION RECORD (Interval, size and number)

3602-14' - 0.38 - 24 holes

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

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
|---------------------|---|
| 3602-14' | Acidize 1000 gal 15% NEFE + 48 ball sealers, Frac 278 bbls gel wtr + 45 tons CO ₂ + 36,800# sand |

33. PRODUCTION

| DATE FIRST PRODUCTION | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) | WELL STATUS (Producing or shut-in) | | | | | |
|-----------------------|--|------------------------------------|-------------------------|----------|------------|-------------------------|---------------|
| 8-14-87 | Flow | Producing | | | | | |
| DATE OF TEST | HOURS TESTED | CHOKER SIZE | PROD'N. FOR TEST PERIOD | OIL BBL. | GAS BBL. | WATER BBL. | GAS:OIL RATIO |
| 8-14-87 | 24 | 24/64 | → | 480 | — | 150 | |
| FLOW TUBING PRESS. | CASING PRESSURE | CALCULATED 24-HOUR RATE | OIL BBL. | GAS BBL. | WATER BBL. | OIL GRAVITY-API (CORR.) | |
| 200# | N/A | → | 480 | | 150 | 34° | |

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

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: Amy L. Whitley TITLE: Agent DATE: _____

ACCEPTED FOR RECORD
SJS
AUG 31 1987
CARLSBAD, NEW MEXICO

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

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. | NAME | TOP | |
|-----------|------|--------|-----------------------------|-------|-------------|------------------|
| | | | | | MEAS. DEPTH | TRUE VERT. DEPTH |
| Anhydrite | 1165 | | | | | |
| Salt | 1178 | 2510 | | Salt | 1178 | 1178 |
| Yates | 2695 | | | Yates | 2695 | 2695 |
| Queen | 3584 | | | Queen | 3584 | 3584 |
| Grayburg | 3770 | | | | | |

38.

GEOLOGIC MARKERS

RECEIVED

SEP 8 1987

OCD
HOBBS OFFICE