

NM OIL CONS. COMMISSION

Drawer DD

Artesia, NM

UNITED STATES

SUBMIT IN DUPL. TE*

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

5. LEASE DESIGNATION AND SERIAL NO.

NM-15862

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

RECEIVED

7. UNIT AGREEMENT NAME

OCT 13 1981

8. FARM OR LEASE NAME

Quail Federal O. C. D.

9. WELL NO. ARTESIA, OFFICE

1

10. FIELD AND POOL, OR WILDCAT

Pecos Slope - Abo Gas

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

Sec. 3-6S-25E

12. COUNTY OR
PARISH
Chaves

13. STATE

New Mexico

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

Great Western Drilling Company

3. ADDRESS OF OPERATOR

P. O. Box 1659, Midland, Texas 79702

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

At surface 660' FSL & 1980' FEL of Section

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

3-4-81

15. DATE SPUDDED 7-3-81 16. DATE T.D. REACHED 7-24-81 17. DATE COMPL. (Ready to prod.) 9-5-81 18. ELEVATIONS (DF, REB, BT, GR, ETC.)* 3940.75KB, 3932 GR 19. ELEV. CASINGHEAD 3929'

20. TOTAL DEPTH, MD & TVD 5200' 21. PLUG BACK T.D., MD & TVD 4892' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 0-5200'

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3675-92 (17 holes) 3769-80 (11 holes), 3840-56 (16 holes), 3945-41 (6 holes) 3982-95 (13 holes) total 63 holes Abo. 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN Dual laterolog, Compensated Neutron & Density, GR & Caliper 27. WAS WELL CORED No

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

29. LINER RECORD 30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number) Penn Perfs: 4939'-4954' - Squeezed with 25 sxs. Glass "H" Cement with Retainer @ 4913' Completed Abo: 3675-92, 3769-80, 3840-56, 3945-41, 3982-95 (Total 63 holes) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

33.* PRODUCTION 20-40 mesh Sd. & 10,500# 100 mesh salt plus 32810 Cu. ft. Nitrogen. Shut-in

DATE FIRST PRODUCTION 8-22-81 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing

DATE OF TEST 9-4-81 HOURS TESTED 4 CHOKER SIZE 1/8", 7/32", 5/16", 3/8" PROD'N. FOR TEST PERIOD 0 OIL—BBL. 198 GAS—MCF. 0 WATER—BBL. 0 GAS-OIL RATIO 0

FLOW. TUBING PRESS. 980-712 CASING PRESSURE 24-HOUR RATE 0 OIL—BBL. 0 GAS—MCF. 0 WATER—BBL. 0 OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented during test - waiting on gas connection 35. LIST OF ATTACHMENTS Deviation Surveys, Drilling report and set of logs and 4 Point Test

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

SIGNED M. H. Wagon

TITLE Ass't. Gen'l. Supt. DATE 9-24-81

*(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.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
Abo	3675'	3995'	Shale & Sand - Completion Gas	B - Salado	238'	238' (+3703')
Penn - LS	4939'	4954'	Lime & Granite " Salt Water	T - Abo	3633'	3633' (+308')
				P - Penn LS	4960'	4960' (-1019')

WELL NAME AND NUMBER Quail Federal No. 1
LOCATION 660' FSL, 1980' FEL, Sec. 3, T-6, R-25-E, Chaves
County, New Mexico
OPERATOR Great Western Drilling Company
DRILLING CONTRACTOR Wes-Tex Drilling Company

The undersigned hereby certifies that he is an authorized representative of the operator who drilled the above described well and that he has conducted deviation tests and obtained the following results:

<u>Degrees and Depth</u>		<u>Degrees and Depth</u>	
1/2	494	1/2	3197
1	1033	3/4	3697
3/4	1529	3/4	4203
3/4	2029	3/4	4401
1/4	2529	1/2	4982
3/4	3030	3/4	5200

State of Texas X
County of Midland X

Operator GREAT WESTERN DRILLING COMPANY
By M. B. MYERS
M. B. MYERS, Ass't. Gen. Supt.

Subscribed and sworn to before me this 24th day of September 1981.

Marjorie Miller
MARJORIE MILLER

12-31-82
My Commission Expires