

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY(See other in-
structions on
reverse side)

5. LEASE DESIGNATION AND SERIAL NO.

NM - 15862

6. IF INDIAN, ALLOTTEE RECEIVED

7. UNIT AGREEMENT NAME

OCT 13 1981

8. FARM OR LEASE NAME

Quail Federal O.G.D.
ARTESIA, OFFICE

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

Pecos Slope - High Gas
Wildcat Area11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA

Sec. 23-6S-25E

12. COUNTY OR
PARISH
Chaves13. STATE
N. M.

1a. TYPE OF WELL:

OIL
WELL ☐GAS
WELL ☒DRY ☐

b. TYPE OF COMPLETION:

NEW
WELL ☐WORK
OVER ☐DEEP-
EN ☐PLUG
BACK ☐DIFF.
RESVR. ☐RECEIVED
SEP 28 1981

2. NAME OF OPERATOR

Great Western Drilling Company /

3. ADDRESS OF OPERATOR

P. O. Box 1659, Midland TX. 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At surface 660' FNL & 1980' FEL of Section

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

3-4-81

15. DATE SPUDDED

6-19-81

16. DATE T.D. REACHED

8-3-81

17. DATE COMPL. (Ready to prod.)

9-5-81

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

3833.25' KB, 3822' GR

19. ELEV. CASINGHEAD

3819'

20. TOTAL DEPTH, MD & TVD

5346'

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

5303'

22. IF MULTIPLE COMPL.,
HOW MANY*23. INTERVALS
DRILLED BY

ROTARY TOOLS

0-5346'

CABLE TOOLS

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

3711-24, 3728-32, 3778-83, 3802-10, 3842-49, 3856-66, 3868-72, 3879-95,
Total 67 holes - Abo25. 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)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	48	483'	17 1/2"	480 Sx "C" - Circulated	100 sxs.
4 1/2"	10.5	5346'	7 7/8"	870 sxs 50-50 Pozmix	
2nd stage: DV Tool 2766'		-800 sxs. 50-	50 Pozmix + 600 Sxs. Lite - Circulated		158 sxs.

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

Perfs: 3711-24 (13 holes), 3728-32 (4 holes)
3778-83 (5 holes), 3802-10 (8 holes) 3842-49
(7 holes), 3856-66 (10 holes), 3868-72 (4
holes), 3879-95 (16 holes) Total 67 holes

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

DEPTH INTERVAL (MD)

AMOUNT AND KIND OF MATERIAL USED

Acidize with 3000 gals 7 1/2% NCL acid + 40000 SCF
Nitrogen + 125-7/8" NCR ball sealers. Fraced with
252000#20-40 mesh sd. 1830,400 SCF Nitrogen & 60-
7/8" NCR ball sealers & 38000 gals 2% KCL fresh

33. PRODUCTION

DATE FIRST PRODUCTION

9-2-81

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)

Flowing

Wtr.
WELL STATUS (Producing or
shut-in)

Shut-in

DATE OF TEST

9-4-81

HOURS TESTED

4

CHOKE SIZE

3/16, 1/32
5/16, 3/8"PROD'N. FOR
TEST PERIOD

OIL—BBL.

GAS—MCF.

WATER—BBL.

GAS-OIL RATIO

FLOW, TUBING PRESS.

935-531

CASING PRESSURE

-

CALCULATED
24-HOUR RATE

OIL—BBL.

GAS—MCF.

WATER—BBL.

GAS-OIL RATIO

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

Vented during test - waiting on gas connection

ACCEPTED FOR RECORD
ROGER CHAPMAN

AOF 1934 NCF

OIL GRAVITY-API (CORR.)

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TEST WITNESSED BY

Kenneth Smith

35. LIST OF ATTACHMENTS

Deviation Surveys, Drilling report, 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.B. Thayer

TITLE

ROSWELL, NEW MEXICO
Ass't. Gen. Supt.

DATE

9-24-81

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

Posted ID-2
& Comp. Book
51
10-16-81

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				38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Abo	3711'	3895'	Shale & Sand - Completion Gas	B- Salado	240'		240' (+3593')
Penn LS	4979'	5257'	Sh. Lime, Sd & Granite - Dry.	T - Abo	3670'		3670' (+163')
				T - Penn Ls	4979'		4979' (-1146')
				T - Granite	5257'		5257' (-1424')

WELL NAME AND NUMBER Quail Federal No. 2
LOCATION 660' FNL, 1980' FEL, Sec. 23, T-6-S, 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	488	1/2	2060
3/4	767	1/4	2558
1 1/4	798	2	2747
2	814	1 3/4	3244
2	872	3/4	3651
2	903	3/4	4120
2 1/4	998	2 1/2	4652
1 1/2	1101	3	5213
2	1482	3	5346

Operator GREAT WESTERN DRILLING COMPANY

By M.B. Myers
M. B. MYERS, Ass't. Gen. Supt.

State of Texas }
County of Midland }

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

12-31-82

Mr. Commissioner, Executive

Marjorie Miller
MARJORIE MILLER