

C191

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 ☐ Deepen ☐ Plug Back ☐ Diff. Resvr., Other _____

2. Name of Operator
GREAT WESTERN DRILLING COMPANY

3. Address
P.O. BOX 1659 MIDLAND, TX 79702

3. Phone No. (Include area code)
(915) 688-5245

4. Location of Well (Report location clearly and in accordance with Federal requirements)
At Surface 660' FEL & 1,780' FNL; SEC 23, T6S-R25E
At top prod. interval reported below
At total depth

5. Lease Serial No.
NM - 15862

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and no.

8. Lease Name and Well No.
QUAIL FEDERAL 10

9. API Well No.
30-005-63453

10. Field and Pool, or Exploratory
PECOS SLOPE-ABO

11. Sec., T., R., M., on Block and Survey or Area

12. County or Parish
CHAVES

13. State
NM

14. Date Spudded
06/14/2002

15. Date T.D. Reached
07/06/2002

16. Date Completed
☐ D & A ☒ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
3801

18. Total Depth: MD 5280
TVD 5280

19. Plug Back T.D.: MD 4010
TVD

20. Depth Bridge Plug Set: MD 4010
TVD

21. Type of Electric & Other Mechanical Logs Run (Submit copy of each)
DLL, CNL, LDT, MSFL, GR

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit analysis)
Directional Survey? ☐ No ☒ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
14 3/4"	11 3/4"	42#	SURFACE	770'		850 CL "C"	1,390	SURFACE	
11"	8 5/8"	24#	SURFACE	1,649'		300 CL "C"	497	672' (calc)	w/100% excess
7 7/8"	4 1/2"	11.6#	SURFACE	5,278'		785 CL "C"	1,234	1930'	CBL

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 3/8"	3923							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP			4,917' - 4,926'	.38	27	CIBP @ 4010
B) ABO			3,740' - 3,998'	.38	32	
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
4,917' - 4,926'	Acidize w/ 580 gals 15% HCL
3,740' - 3,998'	Acidize w/ 2,000 gals 7.5% HCL
3,740' - 3,998'	Frac w/ 48k gals gel, 164 tons of CO2, & 248,000 lbs of 16:30 Brady Sand

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
08/05/02	8/5/02	24	→	0	962	0			FLOWING
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
18/64	SI 500		→						

Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→						

ACCEPTED FOR RECORD
SEP 24 2002
HERNANDO A. LOPEZ
PETROLEUM ENGINEER

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

30. Summary of Porous Zones (Include Aquifers):

Show all important zones or 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.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
GRAYBURG	534				
SAN ANDRES	795				
GLORIETTA	1595				
TUBB	3020				
ABO	3672				
WOLFCAMP	4460				
CISCO	4938				
BASEMENT	5262				

32. Additional remarks (include plugging procedure):

33. Circle enclosed attachments:

- ☒ 1. Electrical/Mechanical Logs (1 full set req'd.)
 2. Geological Report
 3. DST Report
 ☒ 4. Directional Survey
 5. Sundry Notice for plugging and cement verification
 6. Core Analysis
 7. Other

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) SAM ROBERTSTitle PETROLEUM ENGINEERSignature Date 09/19/2002

Title 18 U.S.C. Section 101 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States and false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.