

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other in-
struction on
reverse side)Form approved
Budget Bureau No. 40-R3551

LEASE DESIGNATION AND SERIAL NO.

NM-17807

6. H INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Querecho Federal

9. WELL NO.

2

10. FIELD AND POOL, OR ~~Block~~ Upper

Querecho Plains, Bone Spring

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

Sec. 23, T18S, R32E

12. COUNTY OR
PARISH
Lea13. STATE
NM

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. RESV. ☐ Other ☐

2. NAME OF OPERATOR

Marshall & Winston, Inc.

3. ADDRESS OF OPERATOR

310 West, #10 Desta Drive, Midland, TX 79705

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

At surface 760' FSL & 2310' FWL of Sec. 23

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUNDED

5-6-86

16. DATE T.D. REACHED

5-25-86

17. DATE COMPL. (Ready to prod.)

6-5-86

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

3770' GR

19. ELEV. CASINGHEAD

3770'

20. TOTAL DEPTH, MD & TVD

9100'

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

8661'

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

ROTARY TOOLS

CABLE TOOLS

X

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

8459-72', 8493-8502', 8509-16', 8523-26' Bone Spring Sand

25. WAS DIRECTIONAL
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Induction & Spectral Density Dual Spaced Neutron Log

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"	85#	374'	17-1/2"	385 SXS	None
8-5/8"	24 & 32#	3010'	11"	1300 SXS	None
5-1/2"	15.5, 17 & 20#	8703'	7-7/8"	1100 SXS	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
None					2-7/8"	8283'	8283'

31. PERFORATION RECORD (Interval, size and number)

8459-72', 1/2", 26
8493-8502', 1/2", 18
8509-16', 1/2", 16
8523-26', 1/2", 6

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8459-8526'	A/5000 gal 15% NEFE
	F/50,000 gal gelled water
	& 70,000# 20/40 sand

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
6-5-86		Flowing				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
6-9-86	24	24/64"	→	238	184	23	773
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	ACCEPTED FOR RECORD			WATER—BBL.	OIL GRAVITY-API (CORR.)
95	0	→	b. o				39.5

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

Sold & Fuel

TEST WITNESSED BY

Charley Pappas

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

Tom M. Brandt

TITLE Engineer

DATE 6-10-86

*(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 37.

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: "Seals/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.	NAME	NEAR DEPTH	TOP	TRUE VERT. DEPTH
			No DST's or Cores	Queen	3930'		3930'
				Penrose Porosity	4065'		4065'
				Bell Canyon	4785'		4785'
				Bone Spring	6890'		6890'
				1st Bone Spring	8360'		8360'