

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

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
Chama Petroleum Company
 3. ADDRESS OF OPERATOR
5015 Tracy Street, Dallas, Texas 75205
 U. S. GEOLOGICAL SURVEY
HOBBS, NEW MEXICO

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
 At surface 1980' FNL and 660' FEL
 At top prod. interval reported below
 At total depth

14. PERMIT NO. _____ DATE ISSUED _____

5. LEASE DESIGNATION AND SERIAL NO.
NM 4312
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Pennzoil Federal

9. WELL NO.
2

10. FIELD AND POOL, OR WILDCAT
Undesignated North Quail Ridge Morrow

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 12, T19S, R33E

12. COUNTY OR PARISH
Lea
 13. STATE
New Mexico

15. DATE SPUNDED 11-04-79
 16. DATE T.D. REACHED 12-21-79
 17. DATE COMPL. (Ready to prod.) 1-09-80
 18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 3776' GL
 19. ELEV. CASINGHEAD 3776'

20. TOTAL DEPTH, MD & TVD 13,400' KB
 21. PLUG, BACK T.D., MD & TVD 13,357' KB
 22. IF MULTIPLE COMPL., HOW MANY* -----
 23. INTERVALS DRILLED BY ----- ROTARY TOOLS A11 CABLE TOOLS -----

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
13,317' to 13,327' KB: Morrow
 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN
Schlumberger: GR-CNL-FDC-CAL; DLL W/SFL; RFT
 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#	350'	17 1/2"	400 sacks	None
8 5/8"	24/32#	5,205'	11"	2800 sacks	None
5 1/2"	17#	13,400'	7 7/8"	850 sacks	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
None				

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8"	13,276'	13,276'

31. PERFORATION RECORD (Interval, size and number)
13,317' to 13,327' KB: 0.40" - 6 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
13,317'-13,327'	35 Gal. - 10% Acetic
13,317'-13,327'	2000 Gal. - 7 1/2% MS

33. PRODUCTION

DATE FIRST PRODUCTION 1-07-80
 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing
 WELL STATUS (Producing or shut-in) Shut-in

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
1-09-80	2.0 Hr.	24/64"	→	TSTM	808	None	----

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
2850	Packer	→	TSTM	9700	None	----

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Flared
 TEST WITNESSED BY John Pulte

35. LIST OF ATTACHMENTS
Logs

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
 SIGNED James Stewart TITLE Consultant DATE 1-14-80

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

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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.
Surface	0'	1,570'	Redbed
Rustler	1,570'	3,240'	Redbed and anhydrite
Yates	3,240'	4,426'	Anhydrite
Queen	4,426'	5,040'	Lime and dolomite
San Andres	5,040'	7,518'	Lime and dolomite
Bone Springs	7,518'	10,750'	Lime, shale and sands
Wolfcamp	10,750'	12,028'	Lime and shale
Strawn	12,028'	12,284'	Lime and shale
Atoka	12,284'	12,800'	Lime and shale
Morrow	12,800'	13,338'	Lime, shale and sands
Barnett	13,338'	13,400'	Shale
Total Depth	13,400'		

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Rustler	1,570'		
Yates	3,240'		
Queen	4,426'		
San Andres	5,040'		
Bone Springs	7,518'		
Wolfcamp	10,750'		
Strawn	12,028'		
Atoka	12,284'		
Morrow	12,800'		
Barnett	13,338'		
NOT A DIRECTIONAL HOLE			

RECEIVED

JAN 2 1980

OIL CONSERVATION DIV