

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

CHAD-Federal LC 064226

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

CHAD-Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

N. Benson-Queen Grayburg

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

Sec. 27, T18S, R30E

12. COUNTY OR
PARISH

Eddy

13. STATE

N. Mex.

1a. TYPE OF WELL:

OIL
WELL ☒GAS
WELL ☐DRY ☐Other ☐

DEC 8 1964

b. TYPE OF COMPLETION:

NEW
WELL ☒WORK
OVER ☐DEEP-
EN ☐PLUG
BACK ☐DIFF.
RESRV. ☐Other ☐

2. NAME OF OPERATOR

FEATHERSTONE TRUST

O. C. C.
ARTESIA, OFFICE

3. ADDRESS OF OPERATOR

236 Petroleum Building, Roswell, New Mexico

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

At surface Sec. 27, T18S, R30E; 2310' FNL & FEL, Eddy Co.

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPURRED

10/13/64

16. DATE T.D. REACHED

10/25/64

17. DATE COMPL. (Ready to prod.)

11/6/64

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

3479' GR; 3486' KB (Ref) 3479'

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

3420'

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

3419'

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

ROTARY TOOLS

CABLE TOOLS

Buf - TD

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

2834' to 3384' Queen-Grayburg

25. WAS DIRECTIONAL
SURVEY MADE

NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

Gamma-Ray Acoustic

27. WAS WELL CORED

YES

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	20#	510'	11"	200 sax	NONE
5-1/2"	155#	3420'	7-7/8"	340 sax	NONE

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	2820'	NONE

31. PERFORATION RECORD (Interval, size and number)

One 3/8" Hole @ 2842, 2849, 3032, 3034,
3042, 3054, 3092, 3221, 3227, 3374 & 3377.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
All Pfs.	Frac w/62,832 gals 1sc crude and 59,514# 20-40 sand preceded by 2100 gals acid.

33.*

PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
11/6/64	Flowing (Put on Pump 11/26/64)	Producing
DATE OF TEST	HOURS TESTED	CHOKE SIZE
11/6/64	24	1/4"
PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.
	190	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE
75#	250#	
OIL—BBL.	GAS—MCF.	WATER—BBL.
OIL GRAVITY-API (CORR.)		

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

Waiting on Connection
Sales Contract Executed w/Phillips Petroleum Co.

WITNESSED BY

Howard Riekey

35. LIST OF ATTACHMENTS

NONE

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

SIGNED

Ray Alcorn

TITLE

Geologist

DATE

12/3/64

*(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.
Queen	2824	2866	Anhydrite, red beds & gray porous sand. 7.5' clean sand with S/O in interval 2839-52.
"Middle Queen"	3029	3095	Dolomite and sand. 12' of clean gray sand with S/O @ 3030-35.
"Lower Queen"	3346	3410	3041-43. 3052-53 and 3090-94. Dolomite & sand. Clean Gray sand with S/O @ 3371-78
CORE NO. 1	2835-85	(Queen)	Rec 50' Anhy. dolomite & sand with S/O in 7.5' as above.
CORE NO. 2	3020-70	(Middle Queen)	Rec. 50' Dolomite & sand with S/O in 8.0' as above
CORE NO. 3	3345-83	(Lower Queen)	Rec 38' Dolomite and sand with S/O in 7.0' as above

38.

GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Elev. 3486' KB Tops By C-R Log			
Rustler	321		
Salt	560		
Cowden	1318		
Base Salt	1514		
Yates	1700		
Seven Riv. (r)	2170		
Beyers	2596		
Queen	2824 (Pay)		
"Middle Queen"	3029 (Pay)		
"Lower Queen"	3346 (Pay)		
Total Depth	3420'		441r