

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.

5. LEASE DESIGNATION AND SERIAL NO.

NM 40452

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Walker Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT
Queracho Plains Queen
(Associated) QN11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA

26-18S-32E, NMPM

12. COUNTY OR
PARISH

Lea

13. STATE

New Mexico

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

C. W. Stumhoffer

3. ADDRESS OF OPERATOR

1007 Ridglea Bank Bldg., Fort Worth, Texas 76116

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

At surface 330' FNL & 330' FWL Section 26

At top prod. interval reported below ---

At total depth ---

14. PERMIT NO.

DATE ISSUED

11/30/82

15. DATE SPUNDED

12/28/82

16. DATE T.D. REACHED

1/7/83

17. DATE COMPL. (Ready to prod.)

1/29/83

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

3764' GR, 3774' RKB

19. ELEV. CASINGHEAD

3766'

20. TOTAL DEPTH, MD & TVD

4725' RKB

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

4632' RKB

22. IF MULTIPLE COMPL.,
HOW MANY*

Single

23. INTERVALS
DRILLED BY

ROTARY TOOLS

0' - 4725'

CABLE TOOLS

NA

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

3914' - 47' RKB overall, Upper Queen sand

25. WAS DIRECTIONAL
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Welex CD-DSN-Guard-Foxro and Welex GR-Cement Bond-Collar 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
8-5/8" OD	23	1182' RKB	12 1/4" & 11"	See Reverse Side	None
5-1/2" OD	15.5 & 17	4725' RKB	7-7/8"	See Reverse Side	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8" OD	3974' RKB	None

31. PERFORATION RECORD (Interval, size and number)

3914' - 16' RKB w/3- 3/8" Holes
3921' - 22' RKB w/2- 3/8" Holes
3925' - 27' RKB w/3- 3/8" Holes
3931' - 35' RKB w/5- 3/8" Holes
3941' - 47' RKB w/7- 3/8" Holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3914' - 47' RKB	1500 gals 15% NE acid.
3914' - 47' RKB	30,000 gals gelled wtr. w/
	16,300# 20/40 sd. & 17,500#
	10/20 sd.

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
1/29/83		Pumping w/ 2" x 1½" x 12' Stationary Bbl pump				Producing	
DATE OF TEST	HOURS TESTED	CHOKED SIZE	PROD'N. FOR ACCEPTED TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
1/31/83	24	None	→	93	73	Trace	785:1
FLOW. TUBING PRESS.	CASING PRESSURE	CHOKED SIZE	PROD'N. FOR ACCEPTED TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
Pumping	20 psi	None	→	93	73	Trace	36 (Est)

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

Used for fuel and vented (Phillips testing for connection)

TEST WITNESSED BY

Marroll Bellah

35. LIST OF ATTACHMENTS WEK Drilling Co., Inc. Deviation Survey, Welex CD-DSN-Guard Foxro

Logs.

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

SIGNED

C. W. Stumhoffer

TITLE

Operator

DATE

2/2/83

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

ROSWELL, NEW MEXICO

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.)

Item 28: Cementing Record:

Surface Casing (8-5/8" OD, 23#, L.B.Foster) - Cemented w/ 350 sks Halliburton Lite w/ 1/4# Flocele and 2% CaCl followed w/ 200 sks Class C w/ 2% CaCl. Cement circulated.

Production Casing (5 1/2" OD, 15.5# & 17# LT&C - Cemented w/ 500sks Class C, 50/50 pozmix w/6# salt/sk., 0.3 of 1% CFR-2, and 0.6 of 1% Halad 4. Top of cement from cement J-55, API) Bond log 2506' RKB.

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	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Upper Queen	3914'	3948'	Sand - probable oil and/or gas	Rustler		
Lower Queen (Penrose)	4215'	4220'	Sand - possible oil and/or gas	Anhydrite	1112'	
Gravburg (Loco Hills)	4430'	4445'	Sand - possible oil and/or gas	Top Salt	1305'	
Grayburg (Premier)	4658'	4673'	Sand - possible oil and/or gas	Base Salt	2516'	
				Queen	3904'	
				Grayburg	4350'	

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