

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 - 0556290

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Canter Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT
~~Belly Point~~
~~East Burton Flat~~ Morrow

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

Sec. 10, T-20-S, R-29-E

12. COUNTY OR PARISH

Eddy

13. STATE

New Mexico

1a. TYPE OF WELL:

OIL

WELL

☒

GAS

WELL

☐

DRY

☐

b. TYPE OF COMPLETION:

NEW

WELL

☐

WORK

OVER

☒

DEEP-

EN

☐

PLUG

BACK

☐

DIFF.

RESVR.

☒

NOV 10 10 37 AM '87

RECEIVED

AREA HEADQUARTERS

NOV 17 '87

2. NAME OF OPERATOR

J. C. Williamson

3. ADDRESS OF OPERATOR

P. O. Box 16 Midland, Texas 79702

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

At surface

O. C. D.

ARTESIA, OFFICE

At top prod. interval reported below

660' FSL & 1980' FEL

At total depth

14. PERMIT NO.

DATE ISSUED

30-015-25149

15. DATE SPUDDED

01-07-85

16. DATE T.D. REACHED

3-28-85

17. DATE COMPL. (Ready to prod.)

10-26-87

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

3306.8' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

11,645'

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

6500'

22. IF MULTIPLE COMPL., HOW MANY*

N/A

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

1396' - TD

0-1396

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

Re-completed 6042 - 6089' Bone Springs

25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN

No new logs run

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#	482'	15-1/2"	800 sx Class "C"	
11-3/4"	42#	1396'	12-1/4"	300 sx Class "C"	
8-5/8"	32#	2730'	11"	150 sx Class "C"	
5-1/2"	15.5#	11636'	7-7/8"	2255 sx Class "H" in 3 stages	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	5880'	

31. PERFORATION RECORD (Interval, size and number)

RE-PERFED OIL

6042'-6089' w/22 shots of 0.41"

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
Re-6042'-6089'	Acidz w/3000 gals. 7-1/2% NEFE
	Frac w/44,180 gals. 30#
	cross link and 70,000#
	20-40, 10,000# 12-40 sand

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
10-26-87		Flowing					Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
11-05-87	24		→	80	159	119	1987/1	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
300	100	→	80	159	119	40°		

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

Vented

TEST WITNESSED BY

Ralph E. Williamson

35. LIST OF ATTACHMENTS

No new logs run.

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

SIGNED

J. C. Williamson

TITLE

Production

DATE 11-06-87

*(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 DIRECTION 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	MEAS. DEPTH	TRUE VERT. DEPTH
Dewey Lake	Surface	175	Red shales, fresh water, sands	Top of Bone Spr.	5950	-2629
Rustler	175	445	Anhydrite, sand, lime and gypsum			
Salado	445	870	Dolomite and salt			
Tansil	870	1524	Salt and sour shale			
Yates	1524	1916	Sand			
Capitan Reef	1916	3410	Reef limestone			
Del. Group	3410	5950	Sand, shales and lime			
Bone Springs lime	5950		Dense lime, blk. shale			
Bone Springs Sand	6070	6100	Clean medium grain sand			