

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

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

5. LEASE DESIGNATION AND SERIAL NO.

N.M. 01165

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

YATES-FEDERAL

9. WELL NO.

1

10. FIELD AND PLANT, OR WILDCAT

WILDCAT Barton-Delaware

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

7, 20-S, 29-E, N.M.P.M.

12. COUNTY OR

PARISH

Eddy

13. STATE

New Mexico

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

J. C. WILLIAMSON

3. ADDRESS OF OPERATOR

c/o GEO. KINGREY, 802 V&J TOWER, MIDLAND, TEXAS

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

At surface 660' PSL & 660' PEL of Section 7, T-20-S, R-29-E,

N.M.P.M.

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

5/24/66

16. DATE T.D. REACHED

6/10/66

17. DATE COMPL. (Ready to prod.)

6/23/66

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

3262' Gr

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

3890

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

3350

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

ROTARY TOOLS

3890

CABLE TOOLS

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

3176-3199 & 3218-3242 Delaware

25. WAS DIRECTLY
SURVEYED

26. TYPE ELECTRIC AND OTHER LOGS RUN

Electric Log & Radioactivity Log

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD
9 5/8	36	400	12 1/4	200 Sax
7"	20	2730	10 3/4	150 sax bottom & 150 sx.D.V. Tool None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4 1/2	2644	3350	65 sax	-	2" HUE	3205	

31. PERFORATION RECORD (Interval, size and number)

Slotted 3189 & 3228

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3189' Slot	1500 Gal. Wtr. + 1 1/2" Sd. Gal.
3228' Slot	1500 Gal. Wtr. + 1 1/2" Sd. Gal.

33.* PRODUCTION

DATE FIRST PRODUCTION 6/23/66		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pump				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 6/26/66	HOURS TESTED 24	CHOKE SIZE -	PROD'N. FOR TEST PERIOD →	OIL—BBL. 12.42	GAS—MCF. TSTM	WATER—BBL. 20	GAS-OIL RATIO TSTM
FLOW. TUBING PRESS. -	CASING PRESSURE -	CALCULATED 24-HOUR RATE →	OIL—BBL. 12.42	GAS—MCF. TSTM	WATER—BBL. 20	OIL GRAVITY-API (CORR.) 39.6	

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

Vented & Flared

TEST WITNESSED BY

Sam Snow

35. LIST OF ATTACHMENTS

Copy of logs & Deviation test

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

SIGNED

TITLE

Prod. Engineer

DATE

7/27/66

*(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:				38.		GEOLOGIC MARKERS	
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				DESCRIPTION, CONTENTS, ETC.		TOP	
FORMATION		TOP	BOTTOM	NAME	MEAS. DEPTH	TRUE VERT. DEPTH	
Dovey Lake	0	400	Red Shale & Sand	Yates	948'	-2334	
Salado	400	770	Salt & Anhydrite	Cherry Canyon	3154	- 18	
Tansell	770	948	Anhydrite & Dolomite				
Yates	948	1130	Sand & White Dolomite & Anhydrite				
Reef (Goatscap)	1130	3170	Dolomite - Porous				
Brushy Canyon	3170	3460	Dolomite Sand, Grey Sand & Lime				
Cherry Canyon	3460	TD	Sand, Lime & Shale				