

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN DUPLICATE
(See instructions on reverse side)Form approved.
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

NM-13397-13997
RECEIVED

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. PERMIT AGREEMENT NAME
APR 19 19828. NAME OR LEASE NAME
O. C. D.
EP-USA
ARTESIA OFFICE

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT
WILDCAT11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA
Section 26,
T-26-S, R-29-E12. COUNTY OR
PARISH
Eddy13. STATE
New Mexico

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Otherb. 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

P. O. Box 16 Midland, Texas 79702

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

At surface 990' FSL & 1650' FEL

At top prod. interval reported below 990' FSL & 1650' FEL

At total depth 990' FSL & 1650' FEL

14. PERMIT NO.

DATE ISSUED

10/1/81

15. DATE SPUDDED

10/29/81

16. DATE T.D. REACHED

2/16/82

17. DATE COMPL. (Ready to prod.)

3/18/82

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

2890.5 GR

19. ELEV. CASINGHEAD

2892

20. TOTAL DEPTH, MD & TVD

4034'

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

3610'

22. IF MULTIPLE COMPL.,
HOW MANY*

one

23. INTERVALS
DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0-4034'

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

3481' to 3485' Middle Bell Canyon

25. WAS DIRECTIONAL
SURVEY MADE

no

26. TYPE ELECTRIC AND OTHER LOGS RUN

Gamma Ray Compensated Neutron-Formation Density & GR Dual Laterolog

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
10 3/4"	40.5#	437.1'	12 1/2"	710 sx	0
8 5/8"	24#	831'	10"	200 sx	0
7"	23#	2930'	8"	400 sx	0
4 1/2"	9.5#	4034'	6 1/4"	200 sx	0

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	3480'	3420'

31. PERFORATION RECORD (Interval, size and number)

3975' - 3984' 10 shots 0.41"
3790' - 3996' 6 shots 0.41"
3481' - 3485' 5 shots 0.41"

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3481' - 3485'	500 gals 15% HCL

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
3/18/82		Flowing				Shut In	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
3/18/82	4	1/16-3/16	→	0	50 MCF	0	infinite
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
800#	0#	→	0	300 MCF	0	N/A	

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

Vented

TEST WITNESSED BY

G. W. Kingrea

35. LIST OF ATTACHMENTS

Deviation survey, GR Neutron Density, FR Dual Laterolog

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

SIGNED

TITLE

Production Secretary

DATE

3/23/82

U.S. GEOLOGICAL SURVEY
DALLAS, TEXAS

(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				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Rustler	510'	610'	Anhydrite, fresh water	Rustler	450'	
Castile	1550'	1640'	Anhydrite, brackish water	Castile	1090'	
Upper Bell Canyon	2945'	3050'	Fine gray sand and shale, salt water, gas & oil	Delaware Lime	2910'	
Middle Bell Canyon	3481'	3485'	Fine gray sand containing gas & salt water	Upper Delaware Sand	2945'	
Lower Bell Canyon	3790'	3796'	Fine gray sand containing salt water	Lower Upper Delaware	3050'	
1st Cherry Canyon Sand	3910'	3955'	Fine gray sand & salt water	Cherry Canyon	3860'	
2nd Cherry Canyon Sand	3965'	4010'	Fine gray sand & salt water			

Deviation Survey

0° @ 162'

1/32° @ 270'

0° @ 650'

0° @ 735'

1/2° @ 905'

1/2° @ 1165'

1° @ 1280'

3/4° @ 1380

3/4° @ 1565'

1 1/4° @ 1595'

1° @ 1685'

1 1/4° @ 1862'

1 3/4° @ 2045'

1/8° @ 2185'

1/2° @ 2400'

1/2° @ 2510'

1° @ 2650'

7/8° @ 2815'

1° @ 3050'

1/2° @ 3175'

1° @ 3300'

1/2° @ 3550'

3/4° @ 3795'

1° @ 3970'

1/2° @ 4034'


Jamie V. Dawson
Production Secretary