

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.

NM 889-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

REESE CLEVELAND "B" FEDERAL

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

ROCKY ARROYO

11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREASECTION 34, T-21-S,
R-22-E12. COUNTY OR
PARISH

EDDY

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

GREAT WESTERN DRILLING COMPANY

3. ADDRESS OF OPERATOR

BOX 1659 MIDLAND TEXAS 79701

O. C. C.

ARTESIA, OFFICE

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

At surface Unit L, 1980' PSL, 660' FWL, Sec. 34, T-21-S, R-22-E

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

3-4-74

15. DATE SPUDDED

3-12-74

16. DATE T.D. REACHED

4-24-74

17. DATE COMPL. (Ready to prod.)

R & A 6-74

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

4258.0 GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

9505

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

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

ROTARY TOOLS

CABLE TOOLS

9505

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

NONE

25. WAS DIRECTIONAL
SURVEY MADE

NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

Comp. Neutron, Formation Density, 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
13 3/8"	48, 62, 68	325	17 1/2"	425 sx circulated	None
9 5/8"	36	1842	12 1/4"	1250 sx circ. in 4 stages	None
5 1/2"	15.5 & 17	9292	7 7/8"	1200 sx in 3 stages	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

9166-9176'4 SPF

8335-8341'12 - .28" holes

5656-5767'28 - .28" holes

3758-3766'16 - .42" holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
9166-9176	1500 gals 10% acid
	19,000 gals gel water w/sand
8335-8341	500 gals acid
5656-5767	1500 gals acid

33.*

PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)

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

35. LIST OF ATTACHMENTS

DST Summary, Elec. logs previously submitted, log of straight hole tests

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

SIGNED

F.L. Ballard

TITLE

General Superintendent

DATE

Sept. 19, 1974

*(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																																				
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.																																	
			<table border="1"> <thead> <tr> <th>NAME</th> <th>MEAS. DEPTH</th> <th>TRUE VERT. DEPTH</th> </tr> </thead> <tbody> <tr> <td>Glorieta</td> <td>1692</td> <td></td> </tr> <tr> <td>Yeso</td> <td>2300</td> <td></td> </tr> <tr> <td>Bone Springs</td> <td>2963</td> <td></td> </tr> <tr> <td>Abo</td> <td>3563</td> <td></td> </tr> <tr> <td>Wolfcamp</td> <td>5656</td> <td></td> </tr> <tr> <td>Strawn</td> <td>7968</td> <td></td> </tr> <tr> <td>Atoka</td> <td>8536</td> <td></td> </tr> <tr> <td>Morrow</td> <td>8760</td> <td></td> </tr> <tr> <td>Barnett</td> <td>9314</td> <td></td> </tr> <tr> <td>Chester</td> <td>9463</td> <td></td> </tr> </tbody> </table>	NAME	MEAS. DEPTH	TRUE VERT. DEPTH	Glorieta	1692		Yeso	2300		Bone Springs	2963		Abo	3563		Wolfcamp	5656		Strawn	7968		Atoka	8536		Morrow	8760		Barnett	9314		Chester	9463	
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SEE ATTACHED LIST

WELL NAME AND NUMBER Reese Cleveland "B" Federal #1LOCATION 1980/S 660/W Section 34, T21S, R22E, Eddy County, New Mexico
(New Mexico give U.S.T&R: Texas give S, BLK, SURV. and TWP)OPERATOR Great Western Drilling CompanyDRILLING CONTRACTOR MORANCO

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above-described well and that he has conducted deviation tests and obtained the following results:

<u>Degrees and Depth</u>	<u>Degrees and Depth</u>	<u>Degrees and Depth</u>	<u>Degrees and Depth</u>
<u>1/4 115</u>	<u>2 1/2 4000</u>	<u>2 1/4 6006</u>	
<u>1/2 293</u>	<u>2 3/4 4217</u>	<u>2 6415</u>	
<u>2 975</u>	<u>2 3/4 4625</u>	<u>1 3/4 6887</u>	
<u>1 1/2 1053</u>	<u>3 1/4 4908</u>	<u>1 3/4 7484</u>	
<u>3/4 1400</u>	<u>3 3/4 5002</u>	<u>1 1/4 7986</u>	
<u>3/4 1590</u>	<u>4 1/4 5097</u>	<u>1 1/4 8140</u>	
<u>1/4 1889</u>	<u>4 5192</u>	<u>1 1/4 8141</u>	
<u>1/2 2205</u>	<u>4 5254</u>	<u>1 8616</u>	
<u>3/4 2551</u>	<u>4 5348</u>	<u>1 1/2 9180</u>	
<u>3/4 2990</u>	<u>4 5473</u>	<u>1 1/4 9505</u>	
<u>2 3493</u>	<u>3 1/2 5590</u>		
<u>2 1/2 3776</u>	<u>2 3/4 5788</u>		

Drilling Contractor MORANCOBy K. D. McPeters
K. D. McPeters, Vice PresidentSubscribed and sworn to before me this 4th day of June 19 74

My Commission expires

April 1, 1978

RECEIVED
SEP 24 1974
U.S. GEOLOGICAL SURVEY
ARTESIA, N.M.

Notary Public

Lea County, New Mexico

REESE CLEVELAND "B" FEDERAL #1

DRILL STEM TESTS - DATA

DST #1

Interval: 5650' - 5745'

Initial Open: 30"

Regular Open: 30"

1' ISIP: 2026

3' FSIP: 2026

Recovery: 500' of 45° Gravity oil plus 1200' oil and gas cut sulphur water plus 2500' sulphur water.

DST #2

8057' - 8141', was a misrun.

DST #3

Interval: 8057' - 8141'

Initial Open: 30"

Regular Open: 35"

1' ISIP: 589

2' FSIP: 576

Recovery: 707' slight gas cut mud plus 443' MCW.

DST #4

Interval: 9091' - 9180'

Initial Open: 30"

Regular Open: 1' - 15"

1' ISIP: 3118

2' 30" FSIP: 3413

GTS 85' @ 23.8 MCFGPD. Had fair blow throughout test.

Recovery: 845' slight gas cut mud - no water.

DST #5 was a misrun - lacked 60' getting to bottom.

DST #6

Interval: 9178' - 9230'

Initial Open: 45"

Regular Open: 1'

1½' ISIP: 1099

2' FSIP: 1026

Had fair blow throughout preflow period. SI for 1 hour. Reopened with weak blow for 45" and died.

Recovery: 780' of slight gas cut mud.

RESE CLEVELAND SURVEY
RESE, NEW MEXICO