

N. M. C. C. COPY

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.

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

Dorchester Exploration, Inc.

3. ADDRESS OF OPERATOR

1204 Vaughn Building, Midland, Texas 79701 P. O. C. C. ARTESIA, OFFICE

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

At surface 1980' from South & East lines, Sec. 34, 19-S, 28-E

At top prod. interval reported below

At total depth

14. PERMIT NO. DATE ISSUED

5. LEASE DESIGNATION AND SERIAL NO.

NM-0473362

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

DWU-Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Winchester-Morrow

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

Sec. 34, T-19-S, R-28-E

12. COUNTY OR PARISH

Eddy

13. STATE

New Mexico

15. DATE SPUDDED

12-20-72

16. DATE T.D. REACHED

2-6-73

17. DATE COMPL. (Ready to prod.)

4-30-73

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

3307 GL

19. ELEV. CASINGHEAD

3307

20. TOTAL DEPTH, MD & TVD

11,245

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

11,114

22. IF MULTIPLE COMPL., HOW MANY*

-

23. INTERVALS DRILLED BY

→

ROTARY TOOLS

X

CABLE TOOLS

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

11,030-11,051

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Gamma Ray-Sonic

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"	54	301	16"	300 sacks	
8-5/8"	24 & 32	3030	12"	925 sacks	
4-1/2"	11.60	11245	7-7/8"	975 sacks	

29.

LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2" EUE	10,985	10,985

31. PERFORATION RECORD (Interval, size and number)

11030-11051 W 14 shots 0.42"

Morrow

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
11030-11051	4000 gals. acid
11030-11051	16000 gals gelled acid w
	13000# sand & 1500 # beads

33.*

PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
	Flowing	Shut in
DATE OF TEST	HOURS TESTED	CHOKED SIZE
5-4-73	4	Var.
PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.
→	4.05	971
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE
2417	Pkr	→
4.05	971	52

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

Vented

35. LIST OF ATTACHMENTS

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

SIGNED

TITLE

Engineer

DATE June 25, 1973

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

JUN 27 1973
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

TEST WITNESSED BY

Reggie Reston

8-10-73

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Brushy Canyon	3, 570	3, 960	Sandstone, gray, fine grained, probably water bearing where porous.
Wolfcamp	9, 014	9, 083	Limestone, light tan-gray, dense to fine xln., foss., no visible porosity, produced gas.
Canyon Lime	9, 865	9, 876	Limestone, cream, buff, brown, d-fxl to unkn, sandy, some excell. inter-xln porosity, produced gas.
Canyon Lime	9, 984	10, 000	Limestone, light brown-cream, fxl to fy, sandy some excell. inter-xln porosity produced gas.
Morrow Sandstone	11, 026	11, 056	Sandstone, clear, crs, unconsolidated, angular to sub-round; to gray, fine grained, produced gas.
Morrow Sandstone	11, 156	11, 206	Sandstone, clear, coarse, uncon., to medium, angular to round, "frosty" in part, very coarse in base., probable water bearing.

38. GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Brushy Canyon	3, 150	(+ 168)
Bone Springs	4, 650	(-1332)
Wolfcamp	8, 916	(-5598)
Cisco-Canyon	9, 682	(-6364)
Canyon Ls.	9, 822	(-6504)
Strawn	10, 066	(-6748)
Atoka	10, 336	(-7018)
Morrow	10, 893	(-7575)
Barnett Shale	11, 206	(-7888)