

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1.a. TYPE OF WELL:

OIL WELL ☐

GAS WELL ☒

2003 NOV 12 PM 12:22
DRY ☐ OTHER ☐

b. TYPE OF COMPLETION:

NEW Well ☒

WORK OVER ☐

DEEP-EN ☐

PLUG BACK ☐

DIFF. CENTR. ☐ OTHER ☐

2. Name of Operator

Dugan Production Corp.

3. Address and Telephone No.

P.O. Box 420, Farmington, NM 87499 (505) 325-1821

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

At surface 2,455' FSL & 1,905' FWL (NE/4 SW/4)

At top prod. interval reported below same

At total depth same

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR PARISH

San Juan

13. STATE

NM

15. DATE SPUDDOED

9/12/2002

16. DATE T.D. REACHED

9/22/2002

17. DATE COMPL.

(Ready to prod.)

11/5/2002

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

6,158' GL

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

1,884'

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

1,839'

22. IF MULTIPLE COMPL.

HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

TD

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

1,596'-1,600'; 1,642'-1,652'; 1,678'-1,682'; 1,765'-1,780'

25. TYPE ELECTRIC AND OTHER LOGS RUN

GR-CCL-CNL

27. WAS WELL CORED

no

28

CASING RECORD (Report all strings set in well)

| CASING SIZE/GRADE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | TOP OF CEMENT, CEMENTING RECORD | AMOUNT PULLED |
|-------------------|-----------------|----------------|-----------|--|---------------|
| 8-5/8" | 23# | 377' | 11" | 369.8 cu. ft. Class "B" neat w/3# Gilsomite/sx. & 1/4# celloflake/sx. | |
| 5-1/2" | 14# | 1,878' | 7" | 352.5 cu. ft. 3% Lodense w/3# Gilsomite/sx. & 1/4# celloflake/sx. | |
| | | | | Tail: 99.2 cu. ft. Class "B" neat w/3# Gilsomite/sx. & 1/4# celloflake/sx. | |

29

LINER RECORD

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

30. TUBING RECORD

| SIZE | DEPTH SET (MD) | PACKER SBT (MD) |
|--------|----------------|-----------------|
| 2-7/8" | 1,803' | |

31. PERFORATION RECORD (Interval, size and number)

Perforated the Fruitland Coal from 1,596'-1,780' with 4jspf (total 132 holes)

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

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
|---------------------|----------------------------------|
| 1,596'-1,780' | 400 gal. 10% Formic acid |
| | 53,400 gal. AmBor Max 1020 |
| | 81,000# 20-40 Brady sand; |
| | 35,000# resin coated sand |

33 *

PRODUCTION

33 "

| DATE FIRST PRODUCTION | | PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) | | | | | WELL STATUS (Producing or shut in) | |
|-----------------------|-----------------|--|------------------------|------------|--------------|---------------------------|------------------------------------|--|
| N/A | | Flowing | | | | | Shut in | |
| DATE OF TEST | HOURS TESTED | CHOKE SIZE | PROD'N FOR TEST PERIOD | OIL - BBL. | GAS - MCF. | WATER - BBL. | GAS - OIL RATIO | |
| 11/8/2002 | 24 hrs | 3/4" | → | 0 | 100 (est.) | 200 (est.) | N/A | |
| FLOW TUBING PRESS | CASING PRESSURE | CALCULATED 24 - HOUR RATE | OIL - BBL. | GAS - MCF. | WATER - BBL. | OIL GRAVITY - API (CORR) | | |
| N/A | 150 | → | 0 | 100 | 200 | N/A | | |

ACCEPTED FOR RECORD

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

Vented - to be sold

35. LIST OF ATTACHMENTS

NOV 18 2002

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

SIGNED

Hank Baca
Hank Baca

Title

Petroleum Engineer

Date

FARMINGTON FIELD OFFICE
11/11/2002

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

NMOCD

| 36. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof: cored intervals, and all drill-stem, tests, including depth interval tested on used, time tool open, flowing and shut-in pressures, and recoveries): | | | | 36. GEOLOGIC MARKERS | | |
|---|-----|--------|-----------------------------|----------------------|-------------|------------------|
| FORMATION | TOP | BOTTOM | DESCRIPTION, CONTENTS, ETC. | NAME | MEAS. DEPTH | TRUE VERT. DEPTH |
| | | | | Ojo Alamo/McDermott | surface | |
| | | | | Kirtland | 367' | |
| | | | | Fruitland | 1,374' | |
| | | | | Pictured Cliffs | 1,782' | |
| | | | | TOTAL DEPTH | 1,884' | |