

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY(See other In-
structions on
reverse side)

WELL COMPLETION OR RECOMPLETION REPORT 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

DUGAN PRODUCTION CORP.

3. ADDRESS OF OPERATOR

P O Box 208, Farmington, NM. 87401

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

At surface 1490' FSL - 1850' FEL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

4-11-77

15. DATE SPUDDED

6-8-77

16. DATE T.D. REACHED

6-19-77

17. DATE COMPL. (Ready to prod.)

8-4-77

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

7007' GL

19. ELEV. CASINGHEAD

7007' GL

20. TOTAL DEPTH, MD & TVD

2280'

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

2233'

22. IF MULTIPLE COMPL.
HOW MANY*

single

23. INTERVALS
DRILLED BY

ROTARY TOOLS

TD

CABLE TOOLS

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

2167-82, Pictured Cliffs

25. WAS DIRECTIONAL
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

IES, GR-CCL

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
7"	20	80' GL	8-3/4"	35 sx neat	---
2-7/8"	6.5	2267' GL	4-3/4"	75 sx BJ 2% Lodense + 50 neat w/ D-19	---

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
None					1 1/2"	2180' GL	---

31. PERFORATION RECORD (Interval, size and number)

2167-2170', 3 holes }
2175-2182', 7 holes } 2-1/8"

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
2167-82	15,000#10-20 sd; 114,500 scf N ₂ ; 250 gal 15% HCL, 21 gals Adafoam

33.*

PRODUCTION

DATE FIRST PRODUCTION 8/3/77		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) flowing				WELL STATUS (Producing or shut-in) SI	
DATE OF TEST 9-8-77	HOURS TESTED 3	CHOKE SIZE open 2"	PROD'N. FOR TEST PERIOD →	OIL—BBL. 100 0	GAS—MCF. 5	WATER—BBL. ---	GAS-OIL RATIO ---
LOW. TUBING PRESS. zero	CASING PRESSURE 540 SI	CALCULATED 24-HOUR RATE →	OIL—BBL. ---	GAS—MCF. 40	WATER—BBL. ---	OIL GRAVITY-API (CORR.) ---	

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

Gas vented during test. Now shut in waiting on pipeline connection.

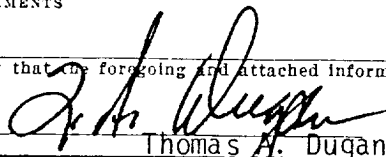
TEST WITNESSED BY

Dugan

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


Thomas A. Dugan

TITLE

Petroleum Engineer

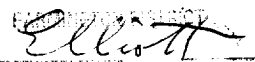
DATE

8-16-82

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

NMOCC

BY



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 Content": 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
				Nacimientito to surface	1475'	
				Ojo Alamo	1590	
				Kirtland	1877	
				Fruitland	2165	
				Pictured Cliffs		