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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY1 File
SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R315.5.

WELL COMPLETION OR RECOMPLETION REPORT LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐
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 874014. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 790' FNL - 790' FWL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

4-21-82

12. COUNTY OR PARISH

Rio Arriba

13. STATE

NM

15. DATE SPUDDED 5-6-82 16. DATE T.D. REACHED 5-19-82 17. DATE COMPL. (Ready to prod.) 6-11-82 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 7165' GL; 7177' RKB 19. ELEV. CASINGHEAD 7165' GL

20. TOTAL DEPTH, MD & TVD 7266' RKB 21. PLUG, BACK T.D., MD & TVD 7230' RKB 22. IF MULTIPLE COMPL., HOW MANY* single 23. INTERVALS DRILLED BY TD 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 6941 - 7189, Dakota 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN

IES, CDL

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
9-5/8"	43.5 & 47#	211' RKB	12 1/4"	115 sx class "B" + 2% CaO	---
4-1/2"	11.6 & 10.5#	7261' RKB	7-7/8"	See reverse for details	---

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
None					1 1/2"	7154' RKB	---

31. PERFORATION RECORD (Interval, size and number)

6941-49 (8 holes)
6954-58 (4 holes)
7179-89 (10 holes) Total 22 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6941-7189	500 gal 15% HCL; 75,000# 20-40 sd; 10,000#10-20 sd, 40 bbl condensate; 72,850 gal Mini Max III-30 + additives & 250 gal 7 1/2% HCL

33. PRODUCTION

DATE FIRST PRODUCTION 6-10-82 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) swabbing WELL STATUS (Producing or shut-in) Producing SI

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
6-11-82	24	NA	→	52	225	50 frac water	4327
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
-0-	325 psi	→	52	225	50 frac water		46

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

Vented during test, to be sold

35. Swabbed well to tank; well will flow 15-20 min. after each run.

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 6-14-82

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

NMOCC

BY

Elliott

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.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
			Cement for 4½" casing: 1st stage - 150 sx class B + 8% gel & ¼# flocele/sk followed by 150 sx class B neat w/ ¼# flocele/sk (436.5 cf) 2nd stage - 250 sx 65-35 pos + 12% gel & ¼# flocele/sk followed by 50 sx class B neat w/ ¼# flocele/sk (712 cf) 3rd stage - 325 sx 65-35 pos + 12% gel & ¼# flocele/sk followed by 50 sx class B neat w/ ¼# flocele/sk. (908 cf)	Ojo Alamo Kirtland Fruitland Pictured Cliffs Lewis/Chacra Cliff House Menefee Point Lookout Upper Mancos Gallup Mancos Greenhorn Graneros Dakota	1860' 2030 2425 2620 2670 3400 3605 4908 5100 5958 6210 6855 6908 6920	