

Form 3160-4
(November 1983)
(formerly 9-330)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

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. REVS. ☐ Other ☐

2. NAME OF OPERATOR

DUGAN PRODUCTION CORP.

3. ADDRESS OF OPERATOR

P.O. Box 420, Farmington, NM 87499

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

At surface 790' FNL & 1850' FWL

At top prod. interval reported below

At total depth

14. PERMIT NO. API# 30-045-27126 DATE ISSUED 10-21-88

15. DATE SPUDDED 11-28-88 16. DATE T.D. REACHED 12-1-88 17. DATE COMPL. (Ready to prod.) 10-1-90

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6225' GL 19. ELEV. CASINGHEAD 6225'

20. TOTAL DEPTH, MD & TVD 1485' 21. PLUG, BACK T.D., MD & TVD 1441'

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

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

1089' - 1260' Basin Fruitland Coal

25. TYPE ELECTRIC AND OTHER LOGS RUN

Compensated Density DSN Log; Dual Induction Log; GR-CCL

26. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
7" OD	20#	98' GL	9-7/8"	41.3 cf class "B"+2%	CaCl ₂ ---
2-7/8" OD	6.4#	1477' GL	5"	213 cf (75 sx 2% lode)	se ² ---
w/1/4# cello	Flake/sk & 50 sx class "B" + 1/4# celloflake/sk).				

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					1 1/2"	1266'	

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
1230-34, 1252-54, 1257-60 with 1 shot per foot		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
1089-91', 1166-68', 1206-08' with 2 JSPF		1230-60'	250 gals 15% HCl
		1230-60'	3500 gals 70 quality foam
		1089-1260'	20,000 lbs 12-20 sand
			27,500 gals 70 qual. foam

33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
11-19-90		Flowing				shut-in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
11-20-90	3 hrs.	1/2"	→	0	12	1*	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO (CORR.)	
---	25	→	0	96			

34. DISPOSITION OF GAS (Solid, used for fuel, vented, etc.)
Vented while testing - to be sold.

35. LIST OF ATTACHMENTS
**Water is frac fluid.

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

SIGNED Jim L. Jacobs TITLE Geologist BY APR 04 1991 DATE 3-1-91

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

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, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo Kirtland Fruitland Pictured Cliffs	254' 387' 1085' 1370'	