

5 BLM 1 Andes 1 Lang 1 Robinson 1 MW 1 RS 1 BW
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

2 File
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. RESRV. ☐ Other ☐

RECEIVED

2. NAME OF OPERATOR
DUGAN PRODUCTION CORP.

MAR 14 1986

3. ADDRESS OF OPERATOR
P O Box 208, Farmington, NM 87499

BUREAU OF LAND MANAGEMENT

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

At surface 1100' FSL - 1600' FEL

At top prod. interval reported below

At total depth

14. PERMIT NO. DATE ISSUED
12-4-85

15. DATE SPUDDED 12-9-85 16. DATE T.D. REACHED 1-3-86 17. DATE COMPL. (Ready to prod.) 3-1-86** 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 7595' GL; 7607' RKB 19. ELEV. CASINGHEAD 7595'

20. TOTAL DEPTH, MD & TVD 8500' 21. PLUG, BACK T.D., MD & TVD PBDT 8373'; 8175' ETD 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)* 6999' - 7813' Mancos 25. WAS DIRECTIONAL SURVEY MADE no

26. TYPE ELECTRIC AND OTHER LOGS RUN IES, CDL, GR-CCL 27. WAS WELL CORED no

CASING RECORD (Report all strings set in well)						AMOUNT PULLED	
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD		---	---
9-5/8" OD	40# & 43.50#	213' RKB	12-1/4"	195 cf class "B" +2%CaCl ₂		---	---
5-1/2"	15.5# & 17#	8497' RKB	7-7/8"	1795 cf in 3 stages (see reverse for details of cementing job)		---	---

LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	7426'	

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
See Reverse		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
		6999-7813'	105,000 gals 30# gelled water
			145,000 lbs 20/40 sand
			750 gals 7 1/2% HCL

33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
2-19-86		Swabbing				Shut-in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
3-3-86	3	---	---	58	30 est.	*8	517
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
---	800	---	464	240	*64		40 est.

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Flared during testing - to be sold. TEST WITNESSED BY Jacobs

35. LIST OF ATTACHMENTS **Per NMOCD Order #R-8124, completion operations were delayed to accomodate a reservoir interference test with other wells.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.
SIGNED Jim L. Jacobs TITLE Geologist DATE 3-12-86

*(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, time tool open, flowing and shut-in pressures, and recoveries):				38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
31. PERFORATION RECORD Perforated Mancos: 6999, 7011, 27, 49, 59, 71, 77, 93, 7101, 17, 39, 79, 87, 97, 7203, 05, 07, 09, 21, 24, 27, 36, 42, 44, 46, 50, 58, 61, 68, 73, 77, 89, 7305, 23, 31, 53, 71, 72, 81, 87, 90, 93, 7402, 11, 17, 19, 31, 35, 55, 65, 71, 81, 90, 95, 7519, 35, 53, 7619, 7704, 15, 33, 44, 84, 96, 7804, 13 with 1 JSPF (total of 66 - 0.34" holes). Perforated Dakota: 8227, 29, 47, 52, 54, 55, 56, 57, 53, 59, 60, 61, 62, 64, 66, 74, 75, 79, 80, 81, 82, 83, 84, 85, 87 with 1 JSPF (total of 25 - 0.43" holes). Temporary Abandoned Dakota perfs utilizing 5½" Baker Model "K" cement retainer at 8175'. Frac'd Dakota perfs 8227-8287' using 50,000# 20/40 sand & 50,000 gals 30# gelled water Spotted 500 qals 7½% HCL				Ojo Alamo Fruitland Pictured Cliffs Lewis Mesaverde Point Lookout Mancos	3419' 3657' 3782' 3953' 5417' 5910' 6257'		
28. Details of Cementing Job Cemented 1st stage w/210 sx 50-50 pos + 2% gel w/ 6½# gilsonite/sk & ¼# flocele/sk & 100 sx class "B" neat w/¼# flocele/sk [412 cf]. Cemented 2nd stage w/100 sx 65-35 + 12% gel, 6½# gilsonite/sk & ¼# flocele/sk & 200 sx 50-50 pos w/2% gel w/¼# flocele/sk [514 cf]. Cemented 3rd stage w/350 sx 65-35 + 12% gel w/¼# flocele/sk & 75 sx 50-50 pos + 2% gel & ¼# flocele/sk [869 cf]. Total of 1795 cf. Stage tool @ 3963' & 6474'.							