

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved 11h 11c 1cf
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. ENVR. ☐ 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 1980' FSL & 990' FWL (NW/4 SW/4)

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

30 045 28961

6/93

15. DATE SPUDDED

16. DATE T.D. REACHED

17. DATE COMPL. (Ready to prod.)

18. ELEVATIONS (OF, RKB, BT, GR, ETC.)*

19. ELEV. CASINGHEAD

11/22/93

11/27/93

12/22/93

6892' GL (est)

6892'

20. TOTAL DEPTH, MD & TVD

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

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

5347'

5296'

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

5040' - 5273' (Gallup)

25. WAS DIRECTIONAL SURVEY MADE

no

26. TYPE ELECTRIC AND OTHER LOGS RUN

Induction Guard Log; Compensated Density; 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
8-5/8"	24#	234'	12-1/4"	177 cf class "B" + 2% CaCl ₂	---
4-1/2"	10.5#	5350'	7-7/8"	1882 cf (1st stage w/250 ² cf	---
50/50 Poz mix w/2% gel & 1/4# celloseal/sk.			2nd stage w/1569 cf 65-35 poz mix w/12% gel		
& 1/4# sk celloseal & 63 cf 50-50 poz w/2% gel & 1/4# sk celloseal.)					

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	5267'	

31. PERFORATION RECORD (Interval, size and number)

5040, 42, 43, 44, 46, 47, 48, 57, 60, 64, 69, 71, 73, 91, 5134, 58, 65, 67, 69, 71, 92, 96, 5207, 09, 14, 18, 19, 20, 21, 22, 27, 43, 47, 53, 54, 55, 56, 57, 58, 60, 69, 71, 73 (all 1 JSPF). Total 43 holes.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5040-5273'	137,500 lbs 20/40 sand
	93,400 gals slickwater
	1,300 gals 15% HCL

33.*

PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
12/22/93*		Swabbing & Flowing					Shut-in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
1/4/94	8	---	→	15	12	**40	800	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
---	450	→	45	36	**120	40°		

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

To be sold.

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

*1st new oil to tank. **Water is frac fluid.

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 Vice-President

DATE 1/13/94

FARMINGTON DISTRICT OFFICE

*(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.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
				Ojo Alamo	786'	
				Kirtland	1022'	
				Fruitland	1323'	
				Pictured Cliffs	1554'	
				Lewis	1648'	
				Chacra	1924'	
				Cliff House	2310'	
				Menefee	3062'	
				Point Lookout	3996'	
				Mancos	4190'	
				Gallup	4376'	