

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

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

(See other In-
structions on
Form 3160-4)

LEASE DESIGNATION AND SERIAL NO.

BLM NM 43442

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. RESER. ☐ 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 applicable regulations)*

At surface 1980' FNL & 1980' FWL

At top prod. interval reported below

At total depth

RECEIVED
AUG 08 1991

OIL CON. DIV./
DIST. 3

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

019 FARMINGTON, N.M.

8. FARM OR LEASE NAME

Target

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Undes. Gallup

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 20, T24N, R10W, NMPM

14. PERMIT NO.

DATE ISSUED

API#30-045-28537

4-19-91

12. COUNTY OR PARISH

San Juan

13. STATE

NM

15. DATE SPUDDED

5-9-91

16. DATE T.D. REACHED

5-13-91

17. DATE COMPL. (Ready to prod.)

6-27-91

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

6617' GL

19. ELEV. CASINGHEAD

6617'

20. TOTAL DEPTH, MD & TVD

4930'

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

4896'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

→

ROTARY TOOLS

T.D.

CABLE TOOLS

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

4754' - 4829' (Gallup)

25. WAS DIRECTIONAL SURVEY MADE

no

26. TYPE ELECTRIC AND OTHER LOGS RUN

Induction Guard Log; Compensated Density Log; GR-CCL

27. WAS WELL CORED

no

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

CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8" OD	24#	209' RKB	12-1/4"	159 cf class "B"+2%CaCl ₂	---
4-1/2" OD	10.5#	4935' RKB	7-7/8"	2023 cf in 2 stages (1st stage w/250 sx 50-50 pos+2% gel & 1/4# celloflake/sk (305 cf). 2nd stage w/750 sx 65-35+12% gel & 1/4# celloflake/sk & 50 sx 50-50 pos+2% gel & 1/4# celloflake/sk (1718 cf).)	---

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	4812' RKB	

31. PERFORATION RECORD (Interval, size and number)

4754,67,69,71, 77 (1 JSPF), 4790,91,92,93, 94 (2 JSPF), 4810,11,12 (1 JSPF), 4820,21, 22,23,24,25 (2 JSPF), 4826,27 (1JSPF), 4828 (2 JSPF), 4829 (1 JSPF). Total of 35 holes.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4844'	350 gals 7-1/2% HCL
4754-4829'	93,000 gals slickwater
	124,000 lbs. 20/40 sand

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
6-27-91		pumping					producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
7-2-91	24	---	→	10	TSTM	*40		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
---	40 psi	→	10	TSTM	*40	40° est.		

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

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

No gas vented. *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

Geologist

(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	TC
				Ojo Alamo Kirtland Fruitland Pictured Cliffs Lewis Chacra Cliff House Menefee Lower Cliff House Lower Menefee Point Lookout Mancos Gallup	320' 465' 897' 1200' 1345' 1526' 1932' 2100' 2273' 2472' 3615' 3820' 4460'	