

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other In-
structions on
reverse side)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ 87 AUG 24 AM 8:59

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REVR. ☐ FARMINGTON RESOURCE AREA
FARMINGTON, NEW MEXICO

2. NAME OF OPERATOR
DUGAN PRODUCTION CORP.

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

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

At surface

660' FSL - 1980' FEL

At top prod. interval reported below

At total depth

14. PERMIT NO. DATE ISSUED
4-6-87

12. COUNTY OR PARISH
San Juan

13. STATE
NM

15. DATE SPUDDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.)
4-14-87 4-19-87 8-12-87

18. ELEVATIONS (DF, RKB, RT, GE, ETC.)* 19. ELEV. CASINGHEAD
6695' GL; 6707' RKB 6695'

20. TOTAL DEPTH, MD & TVD 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY*

4810'

4762'

23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS
T.D.

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

4473' - 4689' - Gallup

25. WAS DIRECTIONAL SURVEY MADE
no

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Induction/SFL; Formation Density; GR-CCL

27. WAS WELL CORED
yes

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#	222'	12-1/4"	159 cf class "B" + 2% CaCl ₂	---
5-1/2" OD	15.5#	4810'	7-7/8"	1456 cf in 2 stages (1st stage	---
w/ 200 sx 50/50 poz + 2% gel & 1/4# flocele/sk [254 cf]. 2nd stage w/ 515 sx 65/35 poz + 12% gel + 1/4# flocele/sk & 50 sx 50/50 poz + 2% gel + 1/4# flocele/sk [1202 cf]. DV Tool @ 3715').					

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	4691' RKB	

31. PERFORATION RECORD (Interval, size and number)

4473, 76, 77, 85, 86, 89, 90, 97, 99, 4500, 01, 03, 13, 15, 17, 19, 21, 23, 29, 30, 53, 4604, 68, 69, 70, 71, w/ 1 JSPF and 4683, 84, 85, 86, 87, 88 & 89 w/ 2 JSPF. Total of 40- 0.34" holes.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4473' - 4689'	124,000 lbs 20/40 sand 93,000 gals slickwater

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
8-12-87		Swabbing				Shut-in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
8-13-87	8	---	→	27	12 est.	*80	444
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
---	150	→	81	36	*240	40 est.	

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

Vented during test - to be sold.

35. LIST OF ATTACHMENTS

Note: water prod. 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

AUG 27 1987

ACCEPTED FOR RECORD

DATE

AUG 25 1987

FARMINGTON RESOURCE AREA

(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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
<u>Core No. 1</u>			
Callup	4630	4692'	Cut 62'. Recovered 61' of interbedded layers of sandstone, shale & shaley sandstone
<u>Core No. 2</u>			
Callup	4692	4733'	Cut 41' and recovered 42' of interbedded layers of sandstone, shale and shaley sandstone.

38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Kirtland	330'	
Fruitland	800'	
Pictured Cliffs	1163'	
Chacra	1502'	
Mesaverde	2135'	
Point Lookout	3495'	
Mancos	3597'	
Callup	3813'	

RECEIVED

AUG 27 1987

OIL CON. DIV.
DIST. 3