

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1. TYPE OF WELL: OIL ☐ GAS ☒ HOT ☐ Other _____

2. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. CASE ☐ Other _____

3. NAME OF OPERATOR

Dugan Production Corp.

4. ADDRESS AND TELEPHONE NO.

P. O. Box 420, Farmington, NM 87499 (505) 325-1821

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

At surface 1850' FSL & 1850' FEL (NW/4 SE/4)

At top prod. interval reported below same

At total depth same

14. PERMIT NO.

DATE ISSUED

6. LEASE DESIGNATION AND SERIAL NO.

SF-078388-A

8. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

9. FARM OR LEASE NAME, WELL NO.

Huerfanito #5-E

9. API WELL NO.

30 045 29465

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

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

Unit J

Sec. 10, T26N, R9W

12. COUNTY OR PARISH
San Juan

13. STATE
NM

15. DATE SPUDDED
12-15-97

16. DATE T.D. REACHED
12-28-97

17. DATE COMPL. (Ready to prod.)
1-16-98

18. ELEVATION'S (OF. HRR, RT, OR, ETC.)*
6250

19. ELEV. CASINGHEAD
6253

20. TOTAL DEPTH, MD & TVS
6756'

21. PLUG BACK T.D. MD & TVS
6712'

22. IF MULTIPLE COMPL., HOW MANY?
1

23. INTERVALS DRILLED BY
ROTARY TOOLS
0-6756'

CABLE TOOLS

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

6370-6598' Dakota

26. TYPE ELECTRIC AND OTHER LOGS RUN

Density-Neutron, Induction

OIL CON. DIV.

27. WAS WELL CORRED
No

25. CASING RECORD (List all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLES IN	TOP OF CEMENT, CEMENTING RECORD	AMOUNT CURED
4 1/2"	10.5 & 11.6	6751'	7-7/8"	Cement on reverse side	None
8-5/8"	24	327'	12-1/4"	345 cu ft B w/2% CaCl2	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)
NA				

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	6424'	N/A

31. PERFORATION RECORD (Interval, size and number)

6370-85'	.36	16	6568-72'	.36	5
6409-72'	.36	4	6580-89'	.36	6
6475-78'	.36	4	6590-98'	.36	9
6480-89'	.36	10			
6494-98'	.36	5			

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6370-6598'	72,700 gal slickwater, 48,000 lb. 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)	
1-16-98		flowing					SI	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO	
1-16-98	24	3/8"	→	0	1,700	100*	N/A	
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY-API (CORR.)		
640	1520	→	0	1,700	100*	N/A		
						TEST WELL SHUT IN BY		

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

Vented-to be sold

35. LIST OF ATTACHMENTS

*Frac water

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

SIGNED

John Alexander
John Alexander

TITLE Vice-President

ACCEPTED FOR RECORD
JAN 23 1998

DATE 1/20/98

*(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.
Ran 4-1/2" 11.6# K-55 csg., 706.69 and 10.5# J-55 csg. Land @ 6751'. Stage tool @ 4467' & 2095'. Cement 1st Stage with 432 cu. ft. 65/35/8 with 8#/sx kol seal followed with 218 cu. ft. class "H" w/.3% FL-52 & .4% CD-32. Cement 2nd Stage with 756 cu. ft. 65/35/8 with 8#/sx kol seal followed with 60 cu. ft. class "B" w/6.25# Gilsomite/sx. Cement 3rd Stage with 800 cu. ft. 65/35/8 with 8#/sx kol seal followed with 60 cu. ft. class "B" with 6.25# Gilsomite/sx. Ran temperature survey. Found cement top @ 50'.			

38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	1159'	
Kirtland	1275'	
Fruitland	1685'	
Pictured Cliffs	1969'	
Lewis	2055'	
Chacra	2850'	
Cliff House	3522'	
Menefee	3610'	
Point Lookout	4358'	
Mancos	4570'	
Gallup	5440'	
Sanostee	5963'	
Greenhorn	6290'	
Graneros	6340'	
Dakota	6360'	
Total Depth	6744'	