

Expires: February 28, 1995

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT(Other instructions on
reverse side)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

5. LEASE DESIGNATION AND SERIAL NO.

SF-078937

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

Davis Federal #1E

9. API Well No.

30 045 30714

10. FIELD AND POOL, OR WILDCAT

Gallegos Gallup Assoc.

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

Unit J

Sec. 24, T26N, R11W

12. COUNTY OR PARISH

San Juan

13. STATE

NM

1.a. TYPE OF WELL:

OIL WELL ☐GAS WELL ☒2007 JUN 26 AM 11:13
DRY ☐ OTHER ☐

b. TYPE OF COMPLETION:

NEW ☐
Well ☒WORK ☐
OVER ☐DEEP- ☐
EN ☐PLUG ☐
BACK ☐070 Farmington, NM
CENTR. ☐ OTHER ☐

2. Name of Operator

Dugan Production Corp.

3. Address and Telephone No.

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

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

At surface 1620' FSL & 1610' FEL (NW/4 SE/4)

At top prod. interval reported below same

At total depth same

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

4/6/2003

16. DATE T.D. REACHED

4/14/2003

17. DATE COMPL.

(Ready to prod.)

6/4/2003

18. ELEVATIONS OF RKB, RT, GR, ETC.)*

6417'

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

6600'

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

6471'

22. IF MULTIPLE COMPL.,

HOW MANY*

2-DH Commingled

23. INTERVALS

DRILLED BY

ROTARY TOOLS

TD

CABLE TOOLS

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

5515'-5548 Gallup. Down hole Commingled with Dakota(DHC-1195AZ)

25. WAS DIRECTIONAL SURVEY MADE

no

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR-Induction, GR- Neutron/Density, GR-CCL

27. WAS WELL CORED

no

28 CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	357' RKB	12-1/4"	225 sx Class "B" w/1/4# celloflake/sx & 2% CaCl2 (266 cu ft total)	
4-1/2"	10.5# & 11.6#	6600' RKB	7-7/8"	See back for cementing information	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SBT (MD)
					2-3/8"	6272'	None

31. PERFORATION RECORD (Interval, size and number)

5515-18, 5525-35, 5538-40, 5545-48'
(Total 22 holes)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5515' - 5548'	600 gal. 15% HCL w/44 balls
	50,890 gal slickerwater & 6059 gal gelled water
	& 69,840 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)	
N/A		flowing					shut-in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL - BBL.	GAS - MCF.	WATER - BBL.		GAS - OIL RATIO
6/20/2003	24 hrs	1/2"	→	3	280	0.7		93,333
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24 - HOUR RATE	OIL - BBL.	GAS - MCF.	WATER - BBL.		OIL GRAVITY - API (CORR.)	
45	430	→	3	280	0.7		ACCEPTED FOR RECORD N/A	

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

vented - to be sold

TEST WITNESSED BY

JUN 30 2003

35. LIST OF ATTACHMENTS

FARMINGTON FIELD OFFICE

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

SIGNED

Hank Baca

Title Petroleum Engineer

Date

6/25/2003

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOC

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 on used, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Cement 1st stage			w/330 Premium Lite High Strength FM, 1/4# celloflake/sx, 2% CaCl ₂ & 5#/sx LCM (663 cu ft)
Cement 2nd stage			w/360 Premium Lite High Strength FM, 8% gel, 1/4# celloflake/sx, 3% CaCl ₂ , 0.4% Sodium Metasilicate & 5#/sx LCM (788 cu ft). Tailed w/50 sx Type III cement, 1% CaCl ₂ & 1/4# celloflake/sx (70 cu ft). DV tool @4475'.
Cement 3rd stage			w/320 Premium Lite High Strength FM, 8% gel, 1/4# celloflake/sx, 3% CaCl ₂ , 0.4% Sodium Metasilicate & 5#/sx LCM (700 cu ft). Tailed w/50 sx Type III cement, 1% CaCl ₂ & 1/4# celloflake/sx (70 cu ft). DV tool @1981'.

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	716'	
Kirtland	833'	
Fruitland	1476'	
Pictured Cliffs	1724'	
Lewis	1900'	
Cliff House	2611'	
Menefee	2703'	
Point Lookout	4182'	
Mancos	4413'	
Gallup	5265'	
Greenhorn	6128'	
Graneros	6183'	
Dakota	6240'	
Total Depth	6600'	

6600'