

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☒ * DRY ☐ Other ☐ *DK TA				5. (LEASE DESIGNATION AND) SERIAL NO. NM 25433	
b. TYPE OF COMPLETION: Gallup Dakota GA producing				6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. EXCHG. ☐ Other				7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR Dugan Production, Corp.				8. FARM OR LEASE NAME, WELL NO. Sixteen G's #4	
3. ADDRESS AND TELEPHONE NO. P. O. Box 420, Farmington, NM 87499 (505)325-1821				9. API WELL NO. 30 045 29440	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1980' FSL & 2100' FWL (NE/4 SW/4) At top prod. interval reported below At total depth				10. FIELD AND POOL, OR WILDCAT Basin Dakota	
14. PERMIT NO. DATE ISSUED				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Unit K Sec. 7, T24N, R9W	
15. DATE SPUDDED 3/17/97		16. DATE T.D. REACHED 3/26/97		17. DATE COMPL. (Ready to prod.) DK zone TA 6-6-97	
18. ELEVATIONS (DF, RKB, RT, OR, ETC.)* 6850' GL (est.)		19. ELEV. CASINGHEAD 6850'		20. TOTAL DEPTH, MD & TVD 6570'	
21. PLUG. BACK T.D., MD & TVD CIBP @ 6380'		22. IF MULTIPLE COMPL., HOW MANY? 2 (1 TA)		23. INTERVALS DRILLED BY ROTARY TOOLS TD CABLE TOOLS	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 6433-6451' (Dakota)				25. WAS DIRECTIONAL SURVEY MADE no	
26. TYPE ELECTRIC AND OTHER LOGS RUN Depth Correlation, High Resolution Induction, Spectral Density Dual Spaced Nuutron High Res				27. WAS WELL CORED no	
28. CASING RECORD (Report all strings set in well) Ind.					
CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	334'	12-1/4"	225 sx class "B" neat w/	2% CaCl ₂
4-1/2"	10.5# & 11.6#	6575'	7-7/8"	2546 cf in 2 stages (1st	
stage with 550 sx 50/50/2 w/1/4# celloflake/sk (698cf)				2nd stage w/750 sx 65/35/12	
w/1/4# celloflake and 150 sx 50/50/2 w/1/4# celloflake				(1848 cf.)	
29. LINER RECORD				30. TUBING RECORD	
SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE
					2-3/8"
				DEPTH SET (MD)	PACKER SET (MD)
				5399' RKB	
31. PERFORATION RECORD (Interval, size and number) 6433-6451' with 1 JSPF (total 19 holes)			32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		
DEPTH INTERVAL (MD)			AMOUNT AND KIND OF MATERIAL USED		
6433-6451'			13,158# 20/40 sand		
			32,348 gals slickwater		
			2000 gals 15% NEFE HCL acid		
			400 gals 15% HCL acid		
33. PRODUCTION					
DATE FIRST PRODUCTION Dakota Zone TA--producing in Gallup only		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)		WELL STATUS (Producing or shut-in)	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OR—BSL.	GAS—MCF.
					WATER—BSL.
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)			TEST WITNESSED BY		
35. LIST OF ATTACHMENTS			36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records		

ACCEPTED FOR RECORD

JUL 11 1997

SIGNED John Alexander TITLE Vice-President DATE 7/8/97

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

FARMINGTON DISTRICT OFFICE

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):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			<i>Primary parting that in section of average min. metals - see</i>	Lewis	1867'	
				Cliff House	2570'	
				Menefee	2766'	
				Point Lookout	4208'	
				Mancos	4406'	
				Gallup	5130'	
				Sanostee	5808'	
				Greenhorn	6160'	
				Graneros	6224'	
				Dakota	6261'	

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5. LEASE DESIGNATION AND SERIAL NO.
NM 25433

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.
Sixteen G's #4

9. API WELL NO.
30 045 29440

10. FIELD AND POOL, OR WILDCAT
Bisti Lower Gallup

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

Unit K,
Sec. 7, T24N, R9W

12. COUNTY OR PARISH
San Juan NM

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☒ DRY ☐ Other *DK is TA -
b. TYPE OF COMPLETION: Gallup Dakota GA is producing
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. CENVE. ☐ Other

2. NAME OF OPERATOR
Dugan Production Corp.

3. ADDRESS AND TELEPHONE NO.
P.O. Box 420, Farmington, NM 87499 325-1821

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

At surface 1980' FSL & 2100' FWL (NE/4 SW/4)

At top prod. interval reported below

At total depth

14. PERMIT NO. DATE ISSUED

15. DATE SPUDDED 3/17/97 16. DATE T.D. REACHED 3/26/97 17. DATE COMPL. (Ready to prod.) 6/20/97 18. ELEVATIONS (OF, RKB, RT, GR, ETC.)* 6850' GL (est) 19. ELEV. CASINGHEAD 6850'

20. TOTAL DEPTH, MD & TYD 6570' 21. PLUG, BACK T.D., MD & TYD CIBP @ 6380' 22. IF MULTIPLE COMPL., HOW MANY* 2 (1 is TA) 23. INTERVALS DRILLED BY T.D. ROTARY TOOLS CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TYD)* 5406-5444' (Gallup) 25. WAS DIRECTIONAL SURVEY MADE nc

26. TYPE ELECTRIC AND OTHER LOGS RUN High Resolution Induction, Spectral Density Dual Spaced Nuetron High Resolution Induction, Depth Correlation 27. WAS WELL CORED nc

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#	334'	12-1/4"	225 sx class "B" w/2% CaCl ₂	---
4-1/2"	10.5# & 11.6#	6575'	7-7/8"	2546 cf in 2 stages (1st stage w/550 sx 50/50/2 w/1/4# celloflake/sk (698 cf). 2nd stage w/750 sx 65/35/12 w/1/4# celloflake and 150 sx 50/50/2 w/1/4# celloflake (1848 cf).)	---

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	5399'	

31. PERFORATION RECORD (Interval, size and number)

5406, 07, 15, 16, 17, 18, 39, 40, 41, 42, 43, 44 (1 JSPF), 5408, 09, 10, 11, 12, 13, 14 (2 JSPF). Total 26 holes.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5406-5444'	75,936 gals slickwater 131,120 lbs 20/40 sand 1,000 gals 15% NEFE HCL

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or Shut-in)	
6/20/97*		Swab					Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO	
6/20/97			→	7	10	7	9 BBL	
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.	GRAVITY-API (CORR.)		
		→	7	10	7	9 BBL		

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

To be sold-capable of production.

35. LIST OF ATTACHMENTS

*1st new oil to tank.

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

SIGNED John Alexander TITLE Vice-President

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