

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____		5. LEASE DESIGNATION AND SERIAL NO. NM 28440	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR DUGAN PRODUCTION CORP.		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P O Box 208, Farmington, NM 87401		8. FARM OR LEASE NAME Big Eight	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements). At surface 890' FSL - 1850' FEL At top prod. interval reported below At total depth		9. WELL NO. 1E	
14. PERMIT NO.		10. FIELD AND POOL, OR WILDCAT Bisti Gallup	
DATE ISSUED 9-17-81		11. SEC. T. R. M., OR BLOCK AND SURVEY OR AREA Sec. 8 T24N R9W	
15. DATE SPEUDED 3-8-82		12. COUNTY OR PARISH San Juan	
16. DATE T.D. REACHED 3-20-82		13. STATE NM	
17. DATE COMPL. (Ready to prod.) 7-20-82		19. ELEV. CASING/HEAD 6692' GL	
18. ELEVATIONS (DF, REB, RT, GR, ETC.) 6692' GL; 6704' RKB		20. TOTAL DEPTH, MD & TVD 6443' RKB	
21. PLUG, BACK T.D., MD & TVD 6330'		22. IF MULTIPLE COMPL. HOW MANY? R-6825 Commingled GA & DK	
23. INTERVALS CABLE TOOLS		25. WAS DIRECTIONAL SURVEY MADE No	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5196-5314, Gallup		27. WAS WELL CORED No	
26. TYPE ELECTRIC AND OTHER LOGS RUN IES, CDL, GR-CCL			
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
9-5/8"	43.5	171' RKB	12-1/4"
4-1/2"	11.6 & 10.5	6443' RKB	7-7/8"
cel + 1/4# flocele/sk & 150 sx class B (565cf); 2nd stg 475 sx 65-35 12% gel + 1/4# flocele/sk & 100 sx class B + 1/4# flocele/sk (1400cf)			
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
None			
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
No Gallup Tubing			
31. PERFORATION RECORD (Interval, size and number)			
5196-5202, 6 holes; 5268-75, 7 holes; 5278-86, 8 holes, 5302-14, 12 holes Total 33 holes			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED		
5196-5314	75,000# 20-40 sand; 65,970 gal slickwater; 208# FR-2; 64 gal Aquaflo; 500 gal 15% HCL; 20 RCN ball sealers		
33.* PRODUCTION			
DATE FIRST PRODUCTION 7-20-82	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) flowing		WELL STATUS (Producing or shut-in) Producing
DATE OF TEST 7-31-82	HOURS TESTED 8	CHOKE SIZE swab test	PROD'N. FOR TEST PERIOD 8*
FLOW. TUBING PRESS. -0-	CASING PRESSURE 725 psi	CALCULATED 24-HOUR RATE 24	OIL—BBL. 10 bbls.
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented during test		GAS—MCF. 30	
35. LIST OF ATTACHMENTS *Estimated - Commingled in well bore		WATER—BBL. 30 bbls. frac water	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records		OIL GRAVITY-API (CORR.) 44°	
SIGNED <u>Thomas A. Dugan</u> TITLE <u>Petroleum Engineer</u>		TEST WITNESSED BY Dugan	
DATE <u>8-3-82</u>		ACCEPTED FOR RECORD	

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

NMOCC

BY

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

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.	38. GEOLOGIC MARKERS	
				NAME	MEAS. DEPTH TOP TRUE VERT. DEPTH
				Ojo Alamo	753'
				Kirtland	885'
				Fruitland	1360'
				Pictured Cliffs	1593'
				Lewis	1750'
				Cliff House	3110
				Menefee	3158'
				Point Lookout	4000'
				Mancos	4280'
				Gallup	5010'
				Greenhorn	6030'
				Graneros	6098'
				Dakota	6138'