

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

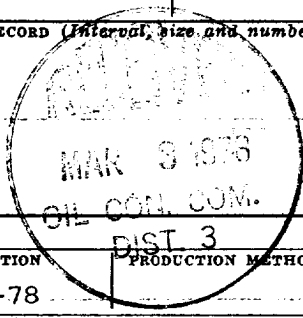
SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-E355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input checked="" type="checkbox"/> Other _____					5. LEASE DESIGNATION AND SERIAL NO. NM 11580										
b. TYPE OF COMPLETION: NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____ P & A					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 234, Farmington, NM 87401					8. FARM OR LEASE NAME KR										
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 990' FSL - 990' FEL At top prod. interval reported below At total depth					9. WELL NO. #5										
14. PERMIT NO. _____ DATE ISSUED _____					10. FIELD AND POOL, OR WILDCAT WAW Pictured Cliffs										
15. DATE SPUDDED 2-18-78					16. DATE T.D. REACHED 2-23-78		17. DATE COMPL. (Ready to prod.) P&A 2-25-78		18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 6114' GR		19. ELEV. CASINGHEAD				
20. TOTAL DEPTH, MD & TVD 1456'			21. PLUG, BACK T.D., MD & TVD			22. IF MULTIPLE COMPL., HOW MANY*			23. INTERVALS DRILLED BY		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* P & A				
25. WAS DIRECTIONAL SURVEY MADE No					26. TYPE ELECTRIC AND OTHER LOGS RUN IES							27. WAS WELL CORRED No			
28. CASING RECORD (Report all strings set in well)															
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		CEMENTING RECORD			AMOUNT PULLED				
5-1/2"		14#		43'		7-7/8"		6/sx							
29. LINER RECORD															
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		30. TUBING RECORD					
										SIZE		DEPTH SET (MD)	PACKER SET (MD)		
31. PERFORATION RECORD (Interval, size and number) P & A															
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.															
DEPTH INTERVAL (MD)						AMOUNT AND KIND OF MATERIAL USED									
33.* PRODUCTION															
DATE FIRST PRODUCTION P & A 2-25-78		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		OIL—BBL.		GAS—MCF.		WATER—BBL.		GAS-OIL RATIO.	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BBL.		GAS—MCF.		WATER—BBL.		OIL GRAVITY-API. (CORR.)			
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															
SIGNED Thomas A. Dugan		TITLE Petroleum Engineer					DATE 3-1-78								



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

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 33.

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:		38. GEOLOGIC MARKERS	
FORMATION	TOP	NAME	MEAS. DEPTH
			TRUE VEET. DEPTH
		Log Tops	
		Kirtland	67'
		Fruitland	900'
		Pictured Cliffs	1338'