

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

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

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL:		OIL WELL <input type="checkbox"/>	GAS WELL <input checked="" type="checkbox"/>	DRY <input type="checkbox"/>	Other <u>Dual</u>		
b. TYPE OF COMPLETION:		NEW WELL <input checked="" type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>		
			DIFF. RESVR. <input type="checkbox"/>	Other _____			
2. NAME OF OPERATOR <u>Dugan Production Corp.</u>							
3. ADDRESS OF OPERATOR <u>Box 234, Farmington, NM 87401</u>							
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface <u>730' FSL - 580' FWL</u> At top prod. interval reported below At total depth							
14. PERMIT NO.			DATE ISSUED				
5. LEASE DESIGNATION AND SERIAL NO. <u>NM 23048</u>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME		7. UNIT AGREEMENT NAME			
8. FARM OR LEASE NAME <u>Sherman Edward</u>		9. WELL NO. <u>2</u>		10. FIELD AND POOL, OR WILDCAT <u>Undesig PC - Blanco MV</u>			
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA <u>Sec 3, T29N, R5W</u>		12. COUNTY OR PARISH <u>Rio Arriba</u>		13. STATE <u>NM</u>			
15. DATE SPUDDED <u>8-2-76</u>	16. DATE T.D. REACHED <u>8-23-76</u>	17. DATE COMPL. (Ready to prod.) <u>10-18-76</u>	18. ELEVATIONS (DF, REB, RT, GR, ETC.)* <u>6752' GR - 6763' RKB</u>		19. ELEV. CASINGHEAD		
20. TOTAL DEPTH, MD & TVD <u>6117'</u>	21. PLUG, BACK T.D., MD & TVD <u>6078'</u>	22. IF MULTIPLE COMPL., HOW MANY* <u>Dual</u>	23. INTERVALS DRILLED BY <u>→</u>	ROTARY TOOLS <u>0-6117'</u>	CABLE TOOLS		
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* <u>Pictured Cliffs Mesaverde</u> <u>3528-3720' 5585-6032'</u>					25. WAS DIRECTIONAL SURVEY MADE <u>No</u>		
26. TYPE ELECTRIC AND OTHER LOGS RUN <u>Go International IES and Density</u>					27. WAS WELL CORED <u>No</u>		
28. CASING RECORD (Report all strings set in well)							
CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED		
8-5/8"	24#	293' RKB	12-1/4"	175 sx	None		
5-1/2"	17# & 15½#	6111' RKB	7-7/8"	1st stage 414 cu ft	None		
				2nd stage 904 cu ft	None		
29. LINER RECORD			30. TUBING RECORD				
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
				PC	1-1/4"	3727' RKB	5545' RKB
				MV	1-1/4"	5924' RKB	
31. PERFORATION RECORD (Interval, size and number) PC - 1 jet/2 ft 3708-3720' 3692-3708' 3664-3688' 3650-3658' 3568-3578' 3544-3558' and 3528-3542'/MV - 1 hole @ 6032' 5980' 5953' 5935' 5912' 5820' 5704' 5642' 5607' & 5585' 8 holes 5874-5890' and 4 holes 5732-5740'				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED <u>See completion report for detailed information</u>			
33.* PRODUCTION							
DATE FIRST PRODUCTION	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—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO
PC 10-18-76	20	1/4"	→	Light Spray	PC 1050 AOF		
MV 10-12-76	20	1/4"	→	Light Spray	MV 780 AOF		
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY-API (CORR.)	
PC 488	PC 1174 SI	→		PC 1050 AOF			
MV 454	MV ----	→		MV 780 AOF			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)							
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 <u>Thomas A. Dugan</u>		TITLE <u>Engineer</u>		DATE <u>NOV 15 1976</u>		TEST WITNESSED BY <u>Fred Hamrick</u>	

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

U.S. GEOLOGICAL SURVEY  
DURANGO, COLO.NOV 16 1976  
11-10-76  
CIL CON. COM.  
DIST. 3

**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.

**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 Cemented". 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.)

**Item 29:** "Sacks' Comment": 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.)

SHOW ALL STRATIGRAPHIC ZONES OF FOSILS AND CORRELATE THEM; CORRELATE INTERVALS; AND ALL DRILL-LOGS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

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