

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 LOG

1a. TYPE OF WELL:		OIL WELL ☐	GAS WELL ☒	DRY ☐	Other ☐				
b. TYPE OF COMPLETION:		NEW WELL ☒	WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☐	DIFF. RESVR. ☐	Other ☐		
2. NAME OF OPERATOR DUGAN PRODUCTION CORP.									
3. ADDRESS OF OPERATOR P O Box 208, Farmington, NM 87401									
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 790' FSL - 790' FEL At top prod. interval reported below At total depth									
14. PERMIT NO. U. S. GEOLOGICAL SURVEY DATE ISSUED: MAR 15 1982 FARMINGTON, N.M. 10-6-81									
15. DATE SPUDDED 10-29-81		16. DATE T.D. REACHED 11-6-81		17. DATE COMPL. (Ready to prod.) 2-2-82		18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 7180' GL		19. ELEV. CASINGHEAD 7180' GL	
20. TOTAL DEPTH, MD & TVD 2860'		21. PLUG, BACK T.D., MD & TVD 2635' 2810'		22. IF MULTIPLE COMPL., HOW MANY* Single		23. INTERVALS DRILLED BY TD		ROTARY TOOLS CABLE TOOLS	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 2442-2457 2400-2455 Upper Chacra								25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN								27. WAS WELL CORED	

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
7"	20	95' GL	9-7/8"	71 cu.ft.	---
2-7/8"	6.4	2858' GL	5"	295 cu.ft.	---
				See Attached	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
None					None		

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
2772-79 and 2783-90, 14 holes, 2-1/8" -- Plugged back w/ 4 sx cement to 2635'		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
2400-44 and 2448-55 , 11 holes, 2-1/8"		2772-90	None
2442-46 and 2450-57		2400-55	250 gal 15% HCL; 159,550 scf N ₂
		2442-57	25,000# 10-20 sd; 36 gal frac foam; 147 bbls fresh water

33.* PRODUCTION							
DATE FIRST PRODUCTION 2-16-82		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) flowing				WELL STATUS (Producing or shut-in) SI	
DATE OF TEST 2-10-82	HOURS TESTED 3	CHOKE SIZE 1/2" pos.	PROD'N. FOR TEST PERIOD →	OIL—BBL. ---	GAS—MCF. 9	WATER—BBL. Not measured	GAS-OIL RATIO
FLOW. TUBING PRESS. NA	CASING PRESSURE 2psi/407 SI	CALCULATED 24-HOUR RATE →	OIL—BBL. ---	GAS—MCF. 72	WATER—BBL. Not Measured	OIL GRAVITY-API (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) vented						TEST WITNESSED BY J. Anderson	

35. LIST OF ATTACHMENTS Remark: heavy mist throughout test		ACCEPTED FOR RECORD	
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	
		MAR 02-11-82	

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

NMOCC

FARMINGTON DISTRICT
BY E. J. Anderson

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				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
				Ojo Alamo	1295'	
				Kirtland	1492	
				Fruitland	1734	
				Pictured Cliffs	1970	
				Lewis	2033	
				Chacra	2442	

Cement Record

7" casing → 60 sk class "B" w/ 2% cat # C.T. → surface

2 7/8" casing → 100 sk 2% iodense w/ 1/4 # Celloflake/sk
75 sk class "B" w/ 1/4 # Celloflake/sk

C.T. ≈ 1000'