

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

(See other instructions on reverse side)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other
 b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESRV. Other

2. NAME OF OPERATOR
DUGAN PRODUCTION CORP.

3. ADDRESS OF OPERATOR
P O Box 208, Farmington, NM 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
 At surface 1840' FNL - 680' FWL
 At top prod. interval reported below
 At total depth

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA
DATE ISSUED 8-29-83

5. LEASE DESIGNATION AND SERIAL NO.
NM 18949

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Celsius

9. WELL NO.
2

10. FIELD AND POOL, OR WILDCAT
Counselors Gallup

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 14, T23N R6W

12. COUNTY OR PARISH
Rio Arriba

13. STATE
NM

15. DATE SPUNDED 9-13-83
 16. DATE T.D. REACHED 9-22-83
 17. DATE COMPL. (Ready to prod.) 10-17-83
 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6910' GL 6922' RKB
 19. ELEV. CASINGHEAD 6910' GL

20. TOTAL DEPTH, MD & TVD 5668' RKB
 21. PLUG, BACK T.D., MD & TVD 5638' RKB
 22. IF MULTIPLE COMPL., HOW MANY*
 23. INTERVALS DRILLED BY → TD
 ROTARY TOOLS
 CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
5123-5304 and 5390-5627', Gallup

25. WAS DIRECTIONAL SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN
Induction Electric Gamma and Compensated Density and GR/CCL

27. WAS WELL CORED
No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24	213' RKB	12-1/4"	159 cf class B neat + 2% CaCl	---
4-1/2"	10.5	5668' RKB	7-7/8"	1st stg 318 cf (250 sx	

50-50 pos = 2% gel & 1/4# cello flk/sk; 2nd stage 1500 cf (see reverse). TOTAL SLURRY 1818 cf.

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
NONE					2-3/8"	5556'	

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)
See reverse for Upper and Lower Gallup perfs.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5390-5627'	55,000 gal. slick water w/ 28 bbl. lease oil, 90,000# 20/40 sand.
5123-5304'	55,000 gal. slick water w/ 27 bbl. lease oil, 90,000# 20/40 sand

33.* PRODUCTION

DATE FIRST PRODUCTION 10-13-83**
 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Swabbing and flowing
 WELL STATUS (Producing or shut-in) Flowing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
11-1-83	8 hrs.	---	→	60	40 est.	25*	667

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
---	600	→	180	120	75*	40° est.

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

TEST WITNESSED BY

35. LIST OF ATTACHMENTS
*frac water only *1st new oil to tank during completion operations

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

SIGNED Jim L. Jacobs TITLE Geologist
 NOV 10-2-83

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

NMDC

BY Sm

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: "Stacks 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.																																				
			<p>Cement - 2nd stg 1500 cf: 650 sx 65-35 + 12% gel & 1/4# cello flk/sk & 50 sx 50-50 pos + 2% gel & 1/4# cello flk/sk</p> <p>Perforations - Lower Gallup 5390; 5407, 09, 11, 21, 29, 37, 58, 75, 82, 95, 98; 5505, 09, 14, 30, 42, 46, 48, 50, 52, 56, 58, 83, 87, 91, 94, 97; 5610, 17, 24, 27. 32 holes.</p> <p style="padding-left: 40px;">Upper Gallup 5123, 43, 56, 59, 65, 71, 74; 5205, 09, 15, 17, 20, 25, 39, 41, 52, 54, 56, 62, 68, 71, 73, 75, 79, 84, 99; 5301, 04. 28 holes.</p>																																				
38.	GEOLOGIC MARKERS																																						
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