

STATE OF NEW MEXICO

ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

NO. OF COPIES REQUIRED	
DISTRIBUTION	
SANTA FE	
FILE	
UTILE	
LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease	
State ☒	Fee ☐
5. Lease Oil & Gas Lease No.	
V-1509	

1. TYPE OF WELL	
OIL WELL ☒	GAS WELL ☐
2. TYPE OF COMPLETION	
NEW WELL ☒	WORK OVER ☐
DEEPEN ☐	PLUG BACK ☐
DIFF. RESV. ☐	OTHER ☐

7. Unit Agreement Name
8. Farm or Lease Name
Mary Lou

3. Name of Operator
DUGAN PRODUCTION CORP.

9. Well No.
6

4. Address of Operator
P.O. Box 208, Farmington, NM 87499

10. Field and Pool, or Wildcat
South Bisti Gallup Ext.

4. Location of Well

11. County
San Juan

UNIT LETTER	M	LOCATED	660	FEET FROM THE	South	LINE AND	660	FEET FROM
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THE	West	32	24N	10W
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15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GK, etc.)	19. Elev. Casinghead
1-4-88	1-11-88	3-14-88	6584' GL; 6596' RKB	6584'

20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	24. Producing Interval(s), of this completion - Top, Bottom, Name
4770'	4711'		T.D.	4453-4638' - Gallup

25. Was Directional Survey Made
no

26. Type Electric and Other Logs Run	27. Was Well Cored
Induction Guard Log; Compensated Density Log; GR-CCL	yes

28. CASING RECORD (Report all strings set in well)
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CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	213'	12-1/4"	159 cf class "B"+2% CaCl ₂	---
4-1/2"	10.5#	4773'	7-7/8"	1522 cf in 2 stages (1st stage w/235 sx 50-50 pos + 2% gel & 1/4# celloflake/sk [298 cf]. 2nd stage w/525 sx 65-35+12% gel & 1/4# celloflake/sk [1224 cf].)	---
				DV Tool @ 3650'.	

9. LINER RECORD				10. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
					2-3/8"	4635' RKB

11. Perforation Record (Interval, size and number)	12. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.						
4453-61 (2 spf-18 holes), 71,72,73,79,83, 4629, 31-38 (2 spf - 16 holes). Total of 40 - 0.34" holes.	<table border="1"> <tr> <th>DEPTH INTERVAL</th> <th>AMOUNT AND KIND MATERIAL USED</th> </tr> <tr> <td>4453' - 4638'</td> <td>93,000 gals slickwater</td> </tr> <tr> <td></td> <td>124,000 lbs 20/40 sand</td> </tr> </table>	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	4453' - 4638'	93,000 gals slickwater		124,000 lbs 20/40 sand
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	124,000 lbs 20/40 sand						

13. PRODUCTION

14. Date First Production	15. Production Method (Flowing, gas lift, pumping - Size and type pump)	16. Well Status (Prod. or Shut-in)
3-14-88	Pumping	producing
17. Date of Test	18. Hours Tested	19. Choke Size
3-15-88	21	---
20. Flow Tubing Press.	21. Casing Pressure	22. Calculated 24-Hour Rate
90	90	48
23. Oil - Bbl.	24. Gas - MCF	25. Water - Bbl.
42	15	*25
26. Oil Gravity - API (Corr.)	27. Gas Gravity - API (Corr.)	28. Water Gravity - API (Corr.)
357	17	*29

29. Disposition of Gas (Sold, used for fuel, vented, etc.)	30. Test Witnessed By
	Gould

31. List of Attachments
*Note: water is frac fluid

32. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

This form is to be filled with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be a complete file and copy of all information and measurements taken in the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depth shall also be reported. For casing completions, from 10 to 15 ft shall be reported for each zone. The form is to be filed in quadruplicate except on state land, where six copies are required, per Rule 1155.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "R" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland 662'	T. Penn. "C" _____
T. Salt _____	T. Atoka _____	T. Pictured Cliffs 1044'	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House 1787'	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout 3360'	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos 3607'	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup 3915'	T. Ignacio Qtzite _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinney _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todillo _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Pennian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____	No. 4, from _____ to _____
No. 2, from _____ to _____	No. 5, from _____ to _____
No. 3, from _____ to _____	No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____	feet _____
No. 2, from _____ to _____	feet _____
No. 3, from _____ to _____	feet _____
No. 4, from _____ to _____	feet _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
Core No. 1							
4408'	4438'	30'	Recovered 28' of interbedded layers of sandstone, shale and shaley sandstone				
Core No. 2							
4438'	4498'	60'	Recovered 60½' of interbedded layers of sandstone, shale and shaley sandstone				
Core No. 3							
4579'	4639'	60'	Recovered 58' of interbedded layers of sandstone, shale and shaley sandstone				