

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

NO. OF PREVIOUS REPORTS	
DISTRIBUTION	
SANTA FE	
FILE	
UNIT NO.	
LAND OFFICE	
OPERATOR	

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

1. TYPE OF WELL

OIL WELL ☒ GAS WELL ☐ DRY ☐

2. TYPE OF COMPLETION

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. REVS. ☐

3. Name of Operator

DUGAN PRODUCTION CORP.

4. Address of Operator

P.O. Box 208, Farmington, NM 87499

5. Location of Well

UNIT LETTER O LOCATED 660 FEET FROM THE South LINE AND 1980 FEET FROMEast LINE OF SEC. 32 TWP. 24N REC. 10W

7. Unit Agreement Name

8. Farm or Lease Name

Mary Lou

9. Well No.

4

10. Field and Pool, or Wildcat

South Bisti Gallup Ext.

12. County

San Juan

15. Date Spudded 4-2-87	16. Date T.D. Reached 4-7-87	17. Date Compl. (Ready to Prod.) 7-13-87	18. Elevations (D.F., RKB, RT, GR, etc.) 6605' GL; 6617' RKB	19. Elev. Casinghead 6605'
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20. Total Depth 4810'	21. Plug Back T.D. 4738'	22. If Multiple Compl., How Many	23. Intervals Drilled By T.D.	24. Cable Tools
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24. Producing Interval(s), of this completion - Top, Bottom, Name 4397' - 4656' Gallup	25. Was Directional Survey Made no
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26. Type Electric and Other Logs Run Dual Induction/SFL; Formation Density; GR-CCL	27. Was Well Cored no
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28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8" OD	24#	215' RKB	12 1/4"	159 cf class "B" + 2% CaCl ₂	---
4-1/2" OD	10.5#	4810' RKB	7-7/8"	1512 cf in 2 stages (1st stage w/200 sx 50-50 pos + 2% gel & 1/4# celloflake/sk [254 cf]. 2nd stage w/540 sx 65-35 + 12% gel & 1/4# celloflake/sk & 50 sx 50-50 pos + 2% gel & 1/4# celloflake/sk [1258 cf]. Stage tool @ 3662'.)	---

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8"	4640'	

31. Perforation Record (Interval, size and number) 4397, 4412, 19, 41, 48, 58, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 89, 90, 91, 92, 93, 97, 4502, 16, 28, 4637, 38, 39, 40, 41, 47, 60 (w/1 JSPF) & 4653, 54, 55, 56 (w/2 JSPF). Total of 40 - 0.34" holes.					32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		
					DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	
					4397-4656'	93,000 gals slickwater	
						124,000 lbs 20/40 sand	

33. PRODUCTION							
34. First Production 7-13-87		35. Production Method (Flowing, gas lift, pumping - Size and type pump) Swabbing				36. Well Status (Prod. or Shut-in) Shut-in	
37. Date of Test 7-14-87	38. Hours Tested 8	39. Choke Size ---	40. Prod'n. For Test Period ---	41. Oil - Bbl. 23	42. Gas - MCF 14 est.	43. Water - Bbl. 100*	44. Gas - Oil Ratio 609
45. Flow Tubing Press. -0-	46. Casing Pressure 100 psi	47. Calculated 24-Hour Rate ---	48. Oil - Bbl. 69	49. Gas - MCF 42	50. Water - Bbl. 300*	51. Oil Gravity - API (Corr.) 40 est.	

52. Disposition of Gas (Bull, used for fuel, vented, etc.) Flared while testing.	53. Test Witnessed By Brown
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54. List of Attachments

*Note: all water is frac fluid.

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.

Jim L. Jacobs

Geologist

7-23-87

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 accompanied by one copy of all electrical and instrumentally logs run 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 depths shall also be reported. For testing or completion items, see paragraph 34 which be reported for each zone. The form is to be filed in quadruplicate on separate sheets, where six copies are required, see Rule 1402.

Southeastern New Mexico

T. Anhy _____	T. Canyon _____
T. Salt _____	T. Strawn _____
D. Salt _____	T. Atoka _____
T. Yates _____	T. Miss _____
T. 7 Rivers _____	T. Devonian _____
T. Queen _____	T. Silurian _____
T. Grayburg _____	T. Mentoya _____
T. San Andres _____	T. Simpson _____
T. Glorieta _____	T. McKee _____
T. Paddock _____	T. Ellenburger _____
T. Ellinbry _____	T. Gr. Wash _____
T. Tubb _____	T. Granite _____
T. Drinkard _____	T. Delaware Sand _____
T. Abo _____	T. Bone Springs _____
T. Wolfcamp _____	T. _____
T. Penn. _____	T. _____
T. Cisco (Bough C) _____	T. _____

Northwestern New Mexico

T. Ojo Alamo _____	T. Penn. "H" _____
T. Kirtland-Fruitland <u>618'</u>	T. Penn. "C" _____
T. Pictured Cliffs <u>* 1035'</u>	T. Penn. "D" _____
T. Cliff House <u>1850'</u>	T. Leadville _____
T. Menefee _____	T. Madison _____
T. Point Lookout <u>3412'</u>	T. Elbert _____
T. Mancos <u>3585'</u>	T. McCracken _____
T. Gallup <u>4256'</u>	T. Ignacio Qtzte _____
Base Greenhorn _____	T. Granite _____
T. Dakota _____	T. _____
T. Morrison _____	T. _____
T. Todilto _____	T. _____
T. Entrada _____	T. _____
T. Wingate _____	T. _____
T. Chinle _____	T. _____
T. Permian _____	T. _____
T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

*Lewis	1203'
Chacra	1370'

No. 1, from _____ to _____ No. 4, from _____ to _____ Chacra 1370'

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