

STATE OF NEW MEXICO

ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2086

SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease	
State ☒	Fee ☐
5. State Oil & Gas Lease No.	
V-1509	
7. Unit Agreement Name	
8. Form or Lease Name	
Mary Lou	
9. Well No.	
3	
10. Field and Pool, or Wildcat	
South Bisti-Gallup	
11. County	
San Juan	

1. TYPE OF WELL

OIL WELL ☒GAS WELL ☐DAY ☐

2. TYPE OF COMPLETION

NEW WELL ☒WORK OVER ☐DEEPEN ☐PLUS BACK ☐DIFF. RESTR. ☐

3. Name of Operator

DUGAN PRODUCTION CORP.

4. Address of Operator

P.O. Box 208, Farmington, NM 87499

5. Location of Well

UNIT LETTER I LOCATED 1980 FEET FROM THE South LINE AND 660 FEET FROM

East

LINE OF SEC. 32TWP. 24NRGE. 10W

NMPLE

San Juan

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Casinghead
3-28-87	4-2-87	7-25-87	6608' GL; 6620' RKB	6608'

20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	24. Cable Tools
4825'	4762'		T.D.	

24. Producing Interval(s), of this completion - Top, Bottom, Name

4435' - 4692' Gallup

25. Was Directional Survey Made

no

26. Type Electric and Other Logs Run

Dual Induction/SFL; Formation Density; GR-CCL

27. Was Well Cored

no

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#	208' RKB	12-1/4"	212 cf class "B" +2% CaCl	---
4-1/2" OD	11.6 & 10.5#	4824' RKB	7-7/8"	1572.5 cf in 2 stages [1st	---
stage w/250 sx 50-50 pos + 2% gel 1/4# cello-flake/sk [317.5 cf]. 2nd stage w/525 sx 65-35 + 12% gel & 1/4# cello-flake/sk & 75 sx 50-50 pos w/1/4# cello-flake/sk [1255 cf]. DV Tool @ 3650'.					

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-3/8"	4680'	

31. Perforation Record (Interval, size and number)

4435, 49, 55, 78, 84, 91, 92, 4505, 06, 07, 08, 09, 10, 11, 12, 13, 24, 25, 26, 27, 32, 51, 63, 4613, 71, 73, 74 & 75 w/1 JSPF and 4687, 88, 89, 90, 91 & 92 w/ 2 JSPF. Total of 40 - 0.34" holes.

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4435' - 4692'	93,000 gals slickwater
	124,000 lbs 20/40 sand

33. PRODUCTION

34. First Production	7-25-87	35. Production Method (Flowing, gas lift, pumping - Size and type pump)	Pumping	36. Well Status (Prod. or Shut-in)	Producing
37. Date of Test	7-29-87	38. Hours Tested	24	39. Choke Size	---
40. Test Period		41. Oil - Bbl.	35	42. Gas - MCF	15
43. Water - bbl.	*40	44. Gas - Oil Ratio	439		
45. Flow Tubing Press.	70	46. Casing Pressure		47. Calculated 24-hr Flow Rate	35
48. Oil - Bbl.	35	49. Gas - MCF	15	50. Water - bbl.	*40
51. Oil Gravity - API (Corr.)	40 est.				

52. Disposition of Gas (Sold, used for fuel, vented, etc.)

Sold

Test Witnessed By

Brown

53. List of Attachments

*Note: water is frac fluid.

54. 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

7-28-87

INSTRUCTIONS

This form is to be filed 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, one copy of all relevant data pertaining to the well and a summary of all reported tests conducted, including depth, casing, tubing. All depth reported shall be measured depth. In the case of directionally drilled wells, true vertical depth shall also be reported. For existing completions, items 13 through 14 shall be reported for each zone. The form is to be filed in quadruplicate on optional rate bond, where applicable, and required, per Rule 145b.

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. "H" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland <u>268', 797'</u>	T. Penn. "C" _____
D. Salt _____	T. Atoka _____	T. Pictured Cliffs <u>1060'</u> **	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House <u>1832'</u>	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout <u>3453'</u>	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos <u>3600'</u>	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup <u>4205'</u>	T. Ignacio Qtzite _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Elinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	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. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

****Lewis 1190'; Chacra 1393'**

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