

Office
Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-105
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO.

30-045-28522

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

LG-9801

7. Lease Name or Unit Agreement Name

Luna

MAY 29 1991

OIL CON. DIV
DIST. 3

8. Well No.

2

9. Pool name or Wildcat

South Bisti Gallup Ext.

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 ☐ DEEPEN ☐ PLUG BACK ☐ DEEP RESER ☐ OTHER ☐

2. Name of Operator

Dugan Production Corp.

3. Address of Operator

P.O. Box 420, Farmington, NM 87499

4. Well Location

Unit Letter A : 790 Feet From The North Line and 790 Feet From The East Line

Section 16 Township 23N Range 9W NMPM San Juan County

10. Date Spudded

4-28-91

11. Date T.D. Reached

5-3-91

12. Date Compl. (Ready to Prod.)

5-22-91

13. Elevations (DF & RKB, RT, GR, etc.)

6698' GL

14. Elev. Casinghead

6698'

15. Total Depth

4885'

16. Plug Back T.D.

4830'

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By Rotary Tools

T.D.

Cable Tools

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

4495' - 4701' (Gallup)

20. Was Directional Survey Made

no

21. Type Electric and Other Logs Run

Induction Guard Log; Compensated Density Log; GR-CCL

22. Was Well Cored

no

23.

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#	222' RKB	12-1/4"	159 cf class "B"+2% CaCl ₂	---
4-1/2" OD	10.5#	4884' RKB	7-7/8"	1803 cf in 2 stages (1st stage w/250 sx 50-50 post 2% gel & 1/4# celloflake/sk (305 cf). 2nd stage w/650 sx 65-35+42% gel & 1/4# celloflake/sk & 50 sx 50-50 post 2% gel & 1/4# celloflake/sk (4498 cf).)	---

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8"	4710' RKB	

26. Perforation record (interval, size, and number)

4495, 96, 97, 98 (1 JSPP), 4594, 95, 96, 97, 98, 99, 4600 (2 JSPP), 4615, 46 (1 JSPP), 4689, 90, 91, 92, 93, 95, 96, 97, 98, 4700, 4701 (2 JSPP).
Total of 42 holes.

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4495-4701'	93,000 gals slickwater
	124,000 lbs 20/40 sand
	350 gals 7% HCL

28.

PRODUCTION

Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
5-22-91		Swabbing - pumping for test				producing	
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
5-25-91	18	---		20	TSTM	35%	---
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	
---	80 psi		27 BOPD	TSTM	47 BLWPD*	40°	

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

Vented

Test Witnessed By

Gould

30. List Attachments

*Water is Frac Fluid.

31. 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

Signature

Printed Name

Jim L. Jacobs

Title

Geologist

Date

5-29-91

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 accompanied by one copy of all electrical and radio-activity logs run on 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 multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy	T. Canyon	T. Ojo Alamo	365'	T. Penn. "B"
T. Salt	T. Strawn	T. Kirtland-Fruitland	575' / 763'	T. Penn. "C"
B. Salt	T. Atoka	T. Pictured Cliffs	1054' **	T. Penn. "D"
T. Yates	T. Miss	T. Cliff House	1780'	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	2337'	T. Madison
T. Queen	T. Silurian	T. Point Lookout	3463'	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	3626'	T. McCracken
T. San Andres	T. Simpson	T. Gallup	4277'	T. Ignacio Otzte
T. Glorieta	T. McKee	Base Greenhorn		T. Granite
T. Paddock	T. Ellenburger	T. Dakota		T. _____
T. Blinebry	T. Gr. Wash	T. Morrison		T. **Lewis - 1205'
T. Tubb	T. Delaware Sand	T. Todilto		T. Chacra - 1394'
T. Drinkard	T. Bone Springs	T. Entrada		T. _____
T. Abo	T. _____	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

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

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology

From	To	Thickness in Feet	Lithology