

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

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-105
Revised March 25, 1999

WELL API NO.
30-015-31350

5. Indicate Type of Lease
STATE ☐ FEE ☐

State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:
OIL WELL ☐ GAS WELL ☐ DRY ☐ OTHER Water Injector

b. Type of Completion:
NEW ☒ WORK ☐ PLUG ☐ DIFF. ☐
WELL ☐ OVER ☐ DEEPEN ☐ BACK ☐ RESVR. ☐ OTHER

2. Name of Operator

St. Mary Land & Exploration c/o Nance Petroleum Corp.

3. Address of Operator

P. O. Box 7168 - Billings, MT 59103

7. Lease Name or Unit Agreement Name

East Shugart Delaware Unit

8. Well No.

ESDU #20

9. Pool name or Wildcat

Shugart Delaware East

4. Well Location

Unit Letter A 1240 Feet From The N Line and 300 Feet From The E Line
Section 24 Township 18S Range 31E NMPM Eddy County

10. Date Spudded

10/30/00

11. Date T.D. Reached

11/16/00

12. Date Compl. (Ready to Prod.)

1/18/01

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

3724.3 RKB

14. Elev. Casinghead

3710

15. Total Depth

5550

16. Plug Back T.D.

5494

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By

Rotary Tools
0-5550

Cable Tools

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

5230-5240 Delaware Brushy Canyon

20. Was Directional Survey Made

Yes

21. Type Electric and Other Logs Run

LDCN/GR, ALMCFL/GR, CBL/GR/CCL

22. Was Well Cored

Yes - 5000-5300'

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	24	882	12 1/4	540 sx. circ.	
5 1/2	15.5	5550	7 7/8	1240 sx TOC @	40'

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 3/8	5163	Loc Set 5167

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

5230-5240', .35", 60 holes

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5230-5240	1500g 7 1/2% HCl
	Frac w/11241q XL gel w/34000#
	20/40 sand

28. PRODUCTION

Date First Production 1/19/01 Injection Production Method (Flowing, gas lift, pumping - Size and type pump)
Well Status (Prod. or Shut-in)
Injecting 550 BWPD @ 0 psi

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	

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

N/A

Test Witnessed By

30. List Attachments

Inclination Report; MIT Chart; Logs

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

Signature Herb Thackeray Printed Name Herb Thackeray Title Operations Engineer Date 1/26/01