

Submit to Appropriate District Office  
 State Lease - 6 copies  
 Fee Lease - 5 copies  
 DISTRICT I  
 P.O. Box 1980, Hobbs, NM 88240

State of New Mexico  
 Energy, Minerals and Natural Resources Department

Form C-105  
 Revised 1-1-89

**OIL CONSERVATION DIVISION**

2040 Pacheco St.  
 Santa Fe, NM 87505

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

DISTRICT III  
 1000 Rio Brazos Rd, Aztec, NM 87410

WELL API NO. 30-025-34248
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. E1587

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

1a. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER _____	7. Lease Name or Unit Agreement Name  Lea AQ State
b. Type of Completion: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF RESVR <input type="checkbox"/> OTHER _____	

2. Name of Operator Matador Operating Company	8. Well No. 12
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3. Address of Operator 415 W. Wall, Ste. 1101 Midland, TX 79701	9. Pool name or Wildcat Pearl San Andres West
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4. Well Location Unit Letter <u>C</u> <u>940</u> Feet From The <u>North</u> Line and <u>1654</u> Feet From The <u>West</u> Line Section <u>33</u> Township <u>19S</u> Range <u>35E</u> NMPM <u>Lea</u> County	
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10. Date Spudded 01/25/98	11. Date T.D. Reached 02/07/98	12. Date Compl. (Ready to Prod.) 04/15/98	13. Elevations (DF & RKB, RT, GR, etc.) 3725 KB	14. Elev. Casinghead 3709'
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15. Total Depth 6030'	16. Plug Back T.D. 5805'	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By Rotary Tools <input checked="" type="checkbox"/> Cable Tools
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19. Producing Interval(s), of this completion - Top, Bottom, Name	20. Was Directional Survey Made No
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21. Type Electric and Other Logs Run MLL/DLL/CNL/PHOTO DENSITY GR/CNL-GR/CBL	22. Was Well Cored No
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**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	465'	11	200 sx C w/2% CaC12 & 1/4 PPS Celloflake @	14.8 PPG w/1.32CFS yld.
5 1/2	15.5	6027.18	7 7/8	1400sx 35.65 poz C+6% gel+10% salt+1/4 PPS Celloflake @ 12.7 PPG w/2.04 CFS yld. Tail	
				200 sx 50:50 Poz H+2% gel+10% Salt+1.0%	
				FL62+3% CD32 @ 14.4 PPG @ 1.29 CFS yld	

24. LINER RECORD				25. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8	5165	5628'

26. Perforation record (interval, size, and number) 5812-5820, w/4' DPCG w/4JSPF, 32 holes, CIBP @ 5805 5710-50 W/4" JSPF - (40' - 160 Holes .4" holes) 5550-5556, 5563-67 -(10' - 40 .4" holes)	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	5812-5820	2200 gals 15% CIBP @ 5805
	5710-50	300 gal 15% 45500 gal X link +3887# 100 mesh + 160615 16/30 sd
5550-67	200 gals 15% +3900 gals gel'd 20% + 5000 gal gel'd H2O	

**28. PRODUCTION**

Date First Production 04/15/98	Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping - 2 1/2 x 1 3/4" x 20 RHBC		Well Status (Prod. or Shut-in) Prod.				
Date of Test 04/16/98	Hours Tested 24	Choke Size NA	Prod'n For Test Period	Oil - Bbl. 64	Gas - MCF 34	Water - Bbl. 404	Gas - Oil Ratio 530
Flow Tubing Press. NA	Casing Pressure 20	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.) 34	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold	Test Witnessed By Hugo Neagele
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30. List Attachments Logs, inclination report
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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 <u>Russ Mathis</u>	Printed Name <u>Russ Mathis</u>	Title <u>Production Mgr.</u>	Date <u>05/04/98</u>
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JCW

