А. С. С.						
Submit 3 Copies To Appropriate District Office <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 1301 W. Grand Ave., Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505	State of I Energy, Minerals OIL CONSERV 1220 South Santa Fe	and Natu ATION St. Fran , NM 87	DIVISION ncis Dr. 7505		e of Lease FEE Gas Lease No.	5, 1999
SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.) 1. Type of Well:			7. Lease Name or Unit Agreement Name: Laughlin			
Oil Well Gas Well 2. Name of Operator Matador Operating Company	Other		•	8. Well No. 10		
3. Address of Operator 310 W. Wall, Suite 906 Midland,	TX 79701			9. Pool name or Monument; Tu		
 Well Location Unit Letter P : Section 4 	800 feet from the Township 209		line and	800 feet from	<u></u>	line
Jocular 4	10. Elevation (Show w		R, RKB, RT, GR, et		Lea County	
11. Check A NOTICE OF IN PERFORM REMEDIAL WORK □				SEQUENT RE		NG []
	CHANGE PLANS		COMMENCE DR		PLUG AND ABANDONMENT	
PULL OR ALTER CASING	MULTIPLE COMPLETION		CASING TEST A	ND 🗆		
OTHER:	onerstions (Clearly stat		OTHER: Com	pletion		

12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompilation.

See Attached

139223.33
JUL 2003 JUL 2003 ShunivED Hobbs OCD State St

I hereby certify that the information above is true and complete to the	e best of my knowledge and belief.
SIGNATURE Kun Mathy TITLE	Production Manager DATE 7/23/03
Type or print name Russ Mathis	Telephone No. (432) 688-9771
(This space for State use)	PETROLEUM ENGINEER
APPPROVED BY	DATE
Conditions of approval, if any:	AUG 0 7 2003

Laughlin #10

•

۰.

Sec. 4, T20S, R37E

	3/27/2003	_	
•	Inspect Casing	Days On Completion:	1
Remarks :	Inspect 4-1/2" casing		
	3/28/2003		
-	Ran Production String	Days On Completion:	
Remarks :	Fin TOOH. Log well. TIH & CBU. LDDP & BHA. RU & rng 4 1/2" csg @ I	RT. Will set csg & rei ri	ig tonight.
Date :	3/29/2003		
Activity:	RD	Days On Completion:	3
Remarks :	Fin rng 4 1/2" csg. Cmt in 2 stages. ND BOP & NU tbghd. Rel Patterson a	#76 @ 0200 hrs on 3/2	9/03.
Date :	3/30/2003		
Activity:	WO Completion	Days On Completion:	4
Date :	3/31/2003		
Activity:	Prepare location	Days On Completion:	5
Remarks :	Vacuum truck vacuumed out cellar. Roustabout crew piped braden head v leveling location and filled in cellar. SDON.	alves to surface of cella	ar. Backhoe started
Date :	4/1/2003		
Activity:	Run Tbg	Days On Completion:	6
Remarks :	Received 216 joints 2-3/8" J-55 8rd eue tubing. Set pipe racks and matting flange and checked inside of casing and wellhead. Checked good. Installe rams to 1500 psi. Test was good. RIH with 3-7/8" bit, 4-1/2" casing scrape sub and tubing. Tagged up on cement above DV Tool at 3846' KB. Closed wellhead to 1500 psi. Test was good. RU swivel on tubing. SWI and SDO	ed BOP. RU reverse ur er, bit sub, 4 3-1/8" drill d BOP pipe rams and te	nit. Tested blind collars, X-Over
Date :	4/2/2003		
Activity:	Drill DV	Days On Completion:	7
	Drilled cement from 3846' KB to top of DV Tool at 3856' KB in 15 mins. Dri 45 mins. Ran casing scraper up and down through DV Tool 10 times rotati without rotating. Had no drag. Pressure tested casing and wellhead to 150 and tagged cement above float collar at 6724' KB. Determined that rat hole Circulated hole clean. Laid down swivel. RU Halliburton Services. Spotted Pulled tubing up to bottom of bit at 6604' KB (Bottom Perf). Reverse circula water. Spotted 750 gals 15% Hcl acid containing NEFE, DI and LST additiv down tools. Removed BOP. Installed 5000 psi frac valve on wellhead. Test psi. Test was good. SWI and SDON. Key Well Services moved in 16 frac to water in preparation of frac on Friday, 4/4/03.	ng, 10 times rotating 1/ 20 psi. Test was good. 2 below bottom perf wa 1 10 bbls of 10# brine v ated out brine water wit ves. POOH with tubing sted casing, wellhead a	4 turn and 5 times RIH with tubing s sufficient. vater at 6724' KB. h 26 bbls fresh and tools and laid and frac valve to 5000
		ar La tractione	2523 mar
Date :	4/3/2003	1 State	A. 33
Activity:	Perforate	Days On Completion:	8
	RU Apollo Perforators and ran Gamma/CCL correlation log from PBTD (67/2 casing with 3-1/8" casing gun from 6516' - 6520' (4') and 6598' - 6604' (6') v shots fired. RU Halliburton Services and broke down formation with spot ac 1990 psi at 1.8 bpm. At the end of pumping pressure was 2154 psi at 1.8 b psi, 10 mins was 1820 psi, 15 mins was 1680 psi, 20 mins was 1534 psi, 25 RD Halliburton. SWI and SDON.	vith 3 JSPF, 120 degre cid at 3430 psil Pressu pm. ISIP was 2111 ps mins was 1410 psil 30	a phasing F BII

API #30-025-36161

Lea County, New Mexico

Laughlin #10

Sec. 4, T20S, R37E

Date: 4/4/2003

Activity: Frac

API #30-025-36161 Lea County, New Mexico

Days On Completion: 9

Remarks : RU Stinger and Schlumberger to Frac Tubb and Drinkard formation 6516'-6520' and 6598'-6604'. Stg 1: 23.8 bbls Slickwater. Stg 2: 47.6 bbsl 15% NEFE HCL, 8.1 bpm at 2429 psi. Casing loaded with 2.1 bbls away. Stg 3: 190.5 bbls Slickwater 35.9 bpm at 6555-4622- Step Down - 35.9 bpm at 3837, 24.4 bpm at 3283, ISIP 3062, 5 min 2722, 10 min 2592, 15 min 2454, 20 min 2315, 25 min 2169. Stg 4: 190.5 bbls Slickwater 41.3 - 50.5 bpm at 4889 - 5561 psi. Stg 5: .25 ppa, 650# in 38 bbls at 50.4 bpm at 5566 psi. (Stg 6-15 contain YF-140ST). Stg 6: Pad 142.9 bbls at 50.1 bpm at 5572 psi. Stg 7: .5 ppa, 649# in 48.7 bbls at 50.2 bpm at 6169 psi. Stg 8: Pad 2359.8 bbls, at 50.2 bpm at 6318. Stg 9: 5 ppa, 12507# in 608.7 bbls at 50.4 bpm at 6891 psi. Stg 10: 1.0 ppa., 35833# in 895.9 bbls, at 50.3 bpm at 6879 psi. Stg-11: 1.50 ppa, 59846# in 1017 bbls, at 50.3 bpm at 6900 psi. Stg 12: 2.0 ppa, 40861# in 532.7 bbls, at 48.6 bpm at 6777 psi. Stg 13: 2.0 ppa, 19119# 20/40 PR6000 in 253.2 bbls at 48.7 bpm at 6885 psi. Stg 14: Flush with 99.6 bbls WF-140 at 50 bpm at 6642 psi. ISIP 4560 psi, 5 mins 4357 psi, 10 mins 4287 psi, 15 mins 4239 psi. SWI at 4:04 PM MST. RD Schlumberger and Stinger. Total Slurry volume 6187.2 bbls (Clean 6000 bbls.), 173359# proppant (154239# 20/40 Jordan, 19119# 20/40 Ac Frac). Opened casing to tank on a 10/64" choke at 5:15 PM MST. Casing pressure was 3850 psi. 1st hour recovered 80 bbls with 3600 psi. Continued to flowback frac. At 5:00 AM CST had recovered 1034 bbls. FCP was 380 psi at a flow rate of 88 bph. 1034 BTLR of 6000 BTL. 4966 BTLLTR.

Date: 4/5/2003

Activity: Flow Back Frac

Days On Completion: 10

Remarks: This AM at 5:00 AM CST continuing to flow back frac. Have recovered 1034 bbls. FCP was 380 psi at a flow rate of 88 bph. Continuing to flow back frac. 1034 BTLR of 6000 BTL. 4966 BTLLTR.

Date: 4/6/2003

Activity: Run Tbg

Days On Completion: 11

Remarks : This AM as of 5:00 AM CDLST, continuing to flow back frac. Flowed 354 bbls in the last 24 hours. FCP is 18 psi on a 48/64" choke. Flowing at a rate of 11 b/hour. 1388 BTLR of 6000 BTL. 4612 BTLLTR. RU line from casing to pit. Removed frac valve and installed BOP. RIH with tubing as follows: 2-3/8" x 2-7/8" Slotted and bullplugged mud anchor, 2-3/8" x 4-1/2" Mod "B" TAC, 2-3/8" Slotted Seat Nipple, 2-3/8" Standard Seat Nipple, and 202 joints 2-3/8" J-55 8rd eue tubing. Got 3/4 of the way in the well and the well started flowing out the casing and tubing. Flowed well to test tank for 4 hours and recovered 165 bbls total fluid. RU pump truck and pumped 7 bbls of 10# Brine water down tubing. Tubing went on a vacuum while continuing to flow out annulus. Finish RIH with tubing. Removed BOP and attempted to set TAC with negative results. Installed wellhead flange. Began swabbing. Swabbed well from 150' to 500' with 8 swab runs in 1-1/2 hours. Recovered 48 bbls total fluid. Samples were 100% water. LWOTT and SDON.

Tubing Detail: 202 its 2-3/8" J-55 8rd (

2 jts	2-3/8" J-55 8rd eue	6366.40
	2-3/8" Seat Nipple	1.10
	2-3/8" Slotted SN	1.10
	2-3/8" x 4 1/2" TAC	3.00
	2-7/8" Slotted BPMA	32.62
	KB Adjustment	15.00
	EOT	6419.22

Date: 4/7/2003

Activity: Swabbing

Days On Completion: 12 Hobbs

Remarks : This AM at 5:00 AM CDLST continuing to flow back frac. FCP was 5 psi at a flow rate of 13 bph. 1705 BTLR of 6000 BTL. 4285 BTLLTR. Continuing to flow back frac. Removed wellhead flange and installed stripper rubber. RU pump truck and pumped 65 bbls fresh water down annulus while working tubing. Set TAC in 26" of stretch or 15 points tension. Removed stripper rubber and installed wellhead flange. Began swabbing. Swabbed well from surface to 3100' with 25 swab runs in 4-3/4 hours. Recovered 145 bbls total fluid. Net swabbed from frac load equals 80 bbls. 1785 BTLR of 6000 BTL. 4215 BTLLTR. LWOTT on wide open choke. SDON.

Laughlin #10

Sec. 4, T20S, R37E

API #30-025-36161 Lea County, New Mexico

Date: 4/8/2003

Activity: Swabbing

Days On Completion: 13

Remarks: This AM at 5:00 AM CDLST well was left open to test tank overnight. FTP was 0 psi and had no flow rate. Well flowed 27 bbls in 10 hours. 1812 BTLR of 6000 BTL. 4188 BTLLTR. Will continue to swab well this day. Swabbed well from 300' to 3500' with 27 swab runs in 8-1/2 hours and recovered 157 bbls total fluid. Had slight gas blow with each run. All fluid was 100% water. LWOTT on full choke and SDON.

Date: 4/9/2003

Activity: Run rods

Days On Completion: 14

- Remarks: This AM at 5:00 AM CDLST well was left open to test tank overnight. FTP was 0 psi and had no flow rate. Well flowed 0 bbls overnight after swabbing. 1969 BTLR of 6000 BTL. 4031 BTLLTR. Will continue to swab frac. Swabbed well from 700' to 1200' with 7 swab runs in 2-3/4 hours. Recovered 43 bbls total fluid. Had slight gas blow during each run. RU Nolan Brunson and set 228-246-86 Lufkin pumping unit. Received rental generator and fuel tank. Electricians tied in temporary service to control panel and electric motor of pumping unit. RIH with rods as follows: 1-1/4" x 22' Polish Rod with 1-1/2" x 10' Polish Rod Liner, 7/8" x 4' Rod Sub, 7/8" x 6' Rod Sub, 81 7/8" (New) Weatherford Grade D Rods with SH-T couplings, 172 3/4" (New) Weatherford Grade D Rods with FH-T couplings, 3/4" x 1' sub, 2" x 1-1/2" x 16' RXBC with HVR Equalizer Gas Valve and 1" x 16' Gas Anchor. Hung well on. Pumping unit was weight heavy and would not stay running due to tripping heaters in panel box. Roustabout crew attempted to balance unit with negative results. Nolan Brunson will adjust weights in the AM. LWOTT and SDON. Rod Detail:
 - 1 1/4' Polish Rod w/10' Liner 22 7/8" (New) Weatherford Gr "D" 4 7/8" (New) Weatherford Gr "D" 6 7/8" (New) Weatherford Gr "D" 81 2025 172 3/4" (New) Weatherford GR "D" 4300 3/4" (New) Weatherford GR "D" 1 2" x 1 1/2" x 16' RXBC 16 w/HVR Gas Valve and a 1" x 16' Gas Anchor

6374

Date: 4/10/2003

Activity: Producing

Days On Completion: 15

Remarks: This AM at 5:00 AM CDLST well was left open to test tank overnight. FTP was 0 psi and had no flow rate. Well flowed 0 bbls overnight. 2012 BTLR of 6000 BTL. 3988 BTLLTR. Will balance pumping unit and put in service this AM. RU Nolan Brunson and removed add-on weights from master weights. Centered pumping unit until polish rod ran in the center of the pumping tee. RDPU. Left well running on hand.

Date: 4/11/2003

Activity: Producing

Days On Completion: 16

Remarks: This AM at 5:00 AM CDLST well was producing by pumping unit to test tank overnight. FLP was 250 psi/asi backpressure valve. Well produced 174 bbls in 24 hours. 2187BTLR of 6000 BTL. 3813 BTLLTR.

Date: 4/12/2003

Activity: Producing

Days On Completion: 17

Remarks : This AM at 5:00 AM CDLST well was producing by pumping unit to test tank. FLP was 250 psi as per Baird backpressure valve. Well produced 205 BW in 24 hours. 2392 BTLR of 6000 BTL. 3608 BTLLTR. Received stock tanks and treater from Permian Tank. Roustabout crew set tanks and began installing connections on tanks. Found treater and treater base to be out of level. Did not set. SD for weekend.

Date: 4/13/2003

Activity: Producing

Days On Completion: 18

Remarks : This AM at 5:00 AM CDLST well was producing by pumping unit to test tank. FLP was 250 psi as per Baird backpressure valve. Well produced 0 BO, 216 BW and 0 mmcf/day in 24 hours. 2608 BTLR of 6000 BTL. 3392 BTLLTR.

Laughlin #10

Sec. 4, T20S, R37E

Date: 4/14/2003

Activity: Producing

Remarks : This AM at 5:00 AM CDLST well was producing by pumping unit to test tank. FLP was 280 psi as per Baird backpressure valve. Well produced 0 BO, 211 BW and 0 mmcf/day in 24 hours. 2819 BTLR of 6000 BTL. 3181 BTLLTR. Samples indicate a trace of oil and a small amount of gas.

This report will catch us up from lag day. :

As of 5:00 AM 4/15/03, well was producing by pumping unit to test tank. FLP was 235 psi as per Baird backpressure valve. Well produced 18 BO, 179 BW and 0 mmcf/day in 24 hours. 2998 BTLR of 6000 BTLR. 3002 BTLLTR. Samples indicate a small amount of gas.

Date: 4/15/2003

Activity: Producing

Remarks : This AM at 5:00 AM CDLST well was producing by pumping unit to test tank. FLP was 235 psi as per Baird backpressure valve. Well produced 11 BO, 198 BW and .045 mmcf/day in 24 hours. 3196 BTLR of 6000 BTL. 2804 BTLLTR.

Date: 4/16/2003

Activity: Producing

Remarks: This AM at 5:00 AM CDLST well was producing by pumping unit to test tank. FLP was 235 psi as per Baird backpressure valve. Well produced 10 BO, 192 BW and .100 mmcf/day in 24 hours. 3388 BTLR of 6000 BTL, 2612 BTLLTR.

Date: 4/17/2003

Activity: RUPU

Remarks: Rigged up pulling unit. Unhung well and longstroked pump. Loaded tubing with 1 bbl produced water. Pressure test was good and pump action was good. Re-spaced rods. Hung well on and rigged down pulling unit.

Date: 4/18/2003

Activity: Producing

Remarks: 4 oil, 3 MCF, 58 water. 3446 BTLR of 6000 BTL. 2554 BTLLTR.

Date: 4/19/2003

Activity: Producing

Remarks: 20 oil, 117 MCF, 23 water. 3469 BTLR of 6000 BTL. 2531 BTLLTR.

Date: 4/20/2003

Activity: Producing

Remarks: 19 oil, 115 MCF, 26 water. 3495 BTLR of 6000 BTL. 2505 BTLLTR.

Date: 4/21/2003

Activity: Producing

Remarks: 33 oil, 20 MCF, 170 water, 420 tbg pressure. 3665 BTLR of 6000 BTL. 2335 BTLLTR.

Date: 4/22/2003

Activity: Producing

Days On Completion: 27 Remarks: 29 oil, 21 MCF, 150 water, 420 tbg pressure. 3815 BTLR of 6000 BTL. 2185 BTLLTR.

API #30-025-36161

Lea County, New Mexico

Days On Completion: 22

Days On Completion: 21

Days On Completion: 19

Days On Completion: 20

Days On Completion: 23

Days On Completion:

24

25

26

nCD

Days On Completion:

Days On Completion: