6 BUREA	UNITED STATES OCD-HOBBS DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT SUNDRY NOTICES AND REPORTS ON WELLS			FORM APROVED OMB NO. 1004-0135 EXPIRES: NOVEMBER 30, 2000 5. Lease Serial No.		
Do not use this form for proposals to drill or to re-enter an				NM-13641		
abandoned well. Use Form 3160-3 (APD) for such proposals SUBMIT IN TRIPLICATE				. It Indian, Allotte	e or Tribe Name	
·				7. Unit or CA Agreement Name and No.		
1a. Type of Well 🗌 Oil Well 🗹 Gas Well 🗌 Other				8 Well Name and No.		
2. Name of Operator				Mad De	og 15 Federal Com #1	
DEVON ENERGY PRODUCTION COMPANY, LP 3. Address and Telephone No.				. API Well No.		
P. O. Box 250 - Artesia, NM 88211-0250 505-748-3371					30-025-36778	
4. Location of Well (Report location clearly and in accordance with Federal requirements)*				0. Field and Poo		
				Wildcat Devonian 12. County or Parish 13. State		
660' FSL & 660' FEL of Section 15-T23S-R34E (Unit P, SESE)				Lea	New Mexico	
CHECK	APPROPRIATE BOX(s) TO IND			OR OTHER DAT	A	
	Acidize			(Charles / D		
Notice of Intent	Álter Casing	Deepen Fracture Treat	Production (Reclamation)	(Start/Resume)	U Water Shut-Off	
Subsequent Report	Casing Repair	New Construction	Recomplete		Other Alternate m	ethod
Final Abandonment Notice	Change Plans	Plug and Abandon	Temporarily Water Dispo		of oil measurement	t
APPROVAL SUP GENERAL REQU AND SPECIAL S ATTACHED	BJECT TO JIREMENTS	242526272 000 5000 000 000 000 000 000 000 000 0		FEB	ROVED - 8 2006 BABYAK UM ENGINEER	
14. I hereby certily that the foregoing is I	rue and correct Name Title	Rusty Klein				
(This space for Federal or State Office us		Field Tech II		Date	2/3/2006	
Approved by	Title			Data		
Conditions of approval, if any:				Date	······	
The to 0.5.C. Section toot, makes it a trime for any	person knowingly and willight o make any	aepartment or agency or me onners	States and larse in the			
				· · · · · · · · · · · · · · · · · · ·	incrusing of representations to any	
GWW	*See I	nstruction on Reverse Side	e			

PROPANE GAS.

INC.

Gauging Steps

- #1 Drop in woodback thermometer to the middle level of the oil. This must remain in the tank for 5 minutes, before taking a reading.
- #2 Drop thief into middle of the oil height, with the bottom of thief open and handle latched. Snap thief closed and pull back to the top of tank. Get middle sample.
- Hang thief off on tank top and drop in hydrometer. This hydrometer must remain in oil #3 sample for 5 minutes.
- #4 Get gravity and temperature readings and dump the oil back into the tank.
- #5 Drop thief into tank with the bottom open and the handle unlatched. Tag bottom and snap thief closed.
- #6 Pull thief to top of tank and get sample out of petcock at 8" and 12". Pour out remainder of oil slowly to determine the amount of tank bottom. Pour out remainder of oil into tank.
- #7 Hand gauge tank 2 times for top gauge. Must be within 1/4" on 2 gauges.
- #8 Check woodback temperature.
- Mix 100ml varsol and 100ml oil for each of the 3 samples. The 8" sample is to check #9 for merchantable oil only. The middle sample and the 12" sample will be added together and then divide the total by 2 to determine the shakeout. All samples must be at 140' F before spinning and not drop below 120' F after spinning. Samples must spin for 5 minutes.
- #10 After determining if oil is merchantable, load the product.
- #11 After loading is complete drop woodback thermometer back into tank in the middle of the remaining oil for 5 minutes. Gauge tank for bottom gauge 2 times and check woodback temperature.

WGM

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PROPANE GAS. INC.

Alternate Gauging Procedure

- #1 Arrive at location and determine correct tank to buy/haul.
- #2 Check all tanks for correct valve positions, make sure tank that is being bought is isolated and valves are sealed prior to opening up the tank.
- #3 Check outside tank gauge for product level.
- #4 Open all trailer valves, connect load hose, open valve at front of tank. Return to truck and open valve at pump allowing product to load at an idle.
- Load enough product to displace load line and header, then pull a 100ml sample to heat for the 12" pipeline sample. This must be heated to 140'f.
 After sample has reached correct temperature, place in the centerfuge and spin for 5 minutes. Check sample to determine if bottom sample is less than 2.0 % shakeout, if so idle engine up and continue to load product, if not, unload product back into tank, reseal tank and leave a tank refusal sheet.
- #6 Load 70 to 80 barrels of product, then fill and drain sampler on side of truck 2 times and refill. We will check the gravity, temperature, and shakeout at this point. (It could take 1 or 2 more times of refilling to stabilize the temperature between the product and the sampler on days when the weather temperature changes dramatically.)
- #7 Pull 100ml of product heat to 140'f, put in centerfuge and spin for 5 minutes. Take this reading plus the one from the 12" sample, add together, divide by two to get your total BS&W content for the tank.
- #8 Check trailer temperature gauge for gauge/product temperature.
- #9 After loading and unhooking from load valve, close all valves, seal tank and check outside gauge for product level. Fill out appropriate paperwork.

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TANK GAUGING REQUIREMENTS

III.C.3. - Oil Sampling (API Chapter 8.1 and 10.4)

- Isolate and settle tank for 30 minutes before sampling or gauging.
 - Two-way sample. h.
 - · On tents larger than 1,000 barrel capacity which contain between 10 and 15 feet of oil, take 2 equal volume samples, one in the middle of the upper 1/3 of the task consent and one in the lower 1/3 or at the sales outlet. Three-way sample.
 - · On tanks larger than 1,000 barrel capacity which contain 15 feet or more of oil, take 3 equal volume samples, one in the muddle of the upper 1/3 of the tank content, one in the middle of the tank content, and one in the middle of the lower 1/3 or at the sales outlet. Note: Either method may be used on tanks up to and including 1,000 barrel capacity.

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- III.C.4. Sales Task Gauging (API Standard 2545)
 - Tapes shall be made of stoel or corrosion-resistant insterial, not kinked or spliced, traceable to standards of the National Bureau of Standards (NBS) and certified accurate by either the manufacturer or an independent testing facility. Working tapes when checked against an NBS certified tape are acceptable.
 - Two identical gauges shall be taken to the nearest 1/4 inch for tanks with a capacity of less than 1000 barrels, and 2 identical gauges ħ shall be taken to the nearest 1/0 inch for tanks of 1000 barrets or more. Use the proper bob for innage or outage gauging.

III.C.S. - Oil Gravity (API Chapter 9)

- Gravity test shall be performed on a representative sales tank oil sample following API Ch. 8.1. A.,
- Test shall be complete before oil sales are made. ٥.
- Accuracy of the instruments shall be traceable to NBS and certified accurate by either the manufacturer or an independent testing facility. c.
- Hydrometer shall be clean, free of shot weights, or detached gravity scale. đ.
- Hydrometer shall be calibrated for a gravity range that includes the observed gravity of the sample being tested.
- Gravity shall be measured to the nearest 0.1 ° API gravity, and shall be corrected to 60 °F using API Tables SA and 6A. e. ť.
- Temperature of sample shall be measured to the nearest 1.0°F. z.

III.C.6. - Tank Temperature (API Standard 2543)

- All thermometers shall be traceable to NBS and certified as accurate by either the manufacturer or an independent testing facility. Working thermometers checked against a thermometer certified as accurate to NBS standards shall be permitted. 2
- Thermometers shall be kept clean and free of mercury separation. Ь.
- Temperature should be taken: C.
 - > 15' liquid: 3' below surface, middle of tank, 3' above bottom of tank.

10'-15' liquid: 3' below surface of oil, 3' above bottom of tank.

< 10' liquid: middle of tank.

NOTE: For crude oil tanks over 10 R in beight, having a capacity of less than 5000 bbl, one temperature measurement at the module of the oil may be used.

Immerse thermometer not less than 12" from shall of tank, for at least 5 minutes, and read to the searest 1.0"F. 4.

III.C.7. - Sediment & Water (S&W) (API Chapter 10)

- Use solvent of Toluene. Xylene, Kerosine, or White Gasoline. (Toluene, and Xylene must be water saturated.) .
- Thoroughly mix oil sample-solvent combination (50 ml solvent & 50 ml sample), stopper tubes and shake vigorously. ۵.
- Heat samples in both to 140°F (minimum 10 min.); vapor pressure @ 140°F is double that @ 100°F. c.
- Invert tubes to assure oil and solvent are mized. đ.
- Whirl heated sample tubes in the centrifuge not less than 5 minutes, with the temperature at the end of centrifuging a minimum of 115 °F e. without water-saturated dilucent (125 °F with water-saturated dilucent.)
- Volume of S&W at the bottom of 100 ml tube shall be read: ſ.
 - 1. estimated to acarest 0.025 if volume < 0.1 ml.

 - 2. to acarest 0.05 ml in range from 0.1-1 ml.
 - 3, to searest 0.1 ml if above the 1 ml mark.
 - Multiply the reading obtained by 2 = S&W.

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innage - Height of oil level from tank bottom or fixed datum plate upward to surface of oil in tank.

Outage - Measurement from fixed reference point at up of tank downward to surface of oil in tank.