DIGTRICT II	), Hobbs, NM	88241-1980		Energy	State of , Minerals and Nal	Form C-1( Revised February 10,19 Instructions on bac Submit to Appropriate District Offi State Lease - 6 Copic Fee Lease - 5 Copic				
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TEXACO EXPLORATION & PRODUCTION INC.								0223		
205 E. Bend	ler, HOBBS,	NM 88240						API Nur		
		· • • •						30-025-		
<sup>4</sup> P	<sup>4</sup> Property Code				<sup>5</sup> Property			<sup>6</sup> Wel	ll No.	
	011125				VACUUM GLORI	·····			61	
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Ul or lot no P	Section 25	Township 17S	Range 34E	Lot.ldn	Feet From The 565	North/South Line	Feet From The	Edobareat Elite	County	
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		VACUUM					<sup>10</sup> Proposed Pr	pol 2		
						· · · · · · · · · · · · · · · · · · ·				
<sup>11</sup> Work P	Type Code	1	<sup>2</sup> WellType Cod O	e .	<sup>13</sup> Rotary or C.T. R	<sup>14</sup> Lea	se Type Code	<sup>15</sup> Ground Level E		
<sup>16</sup> Multip	ble	1	7 Proposed Dept	h	<sup>18</sup> Formation	<sup>19</sup> Contractor		20 Spud Date		
N	0	÷	6027'TVD		GLORIETA			1/15/00		
			21	Propos	ed Casing and	Cement Program			··	
SIZE OF	HOLE	SIZE OF	CASING	_	PER FOOT	SETTING DEPTH		F CEMENT E		
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2 Describe the p	roposed program	n. If this applica	tion is to DEEPEN	or PLUG BA	CK give the data on the pr	esent productive zoneand	proposed new producti	ve zone.		
Describe the b	lowout preventio	on program, it an	<ol> <li>Use additional s</li> </ol>	heets if nece	ssary.	Part 11		N AND PROCEDURE	Arta <sup>1</sup>	
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#### **OVERVIEW**

The Vacuum Glorieta West Unit #61 well (formerly State BA #10) is currently producing 1 BOPD and 270 BWPD in the Glorieta formation. The well is perforated from 6023'-6118'. This well was drilled in 1965. It has 5-1/2" 17# J-55 casing. It is proposed to drill a +/-1225 foot lateral at 0 degrees in the Glorieta formation. The basic well plan is as follows:

- a) TOOH with the pump and tubing. Run a casing scraper to 6000'. Set a 5-1/2" cement retainer at +/-5918'. Squeeze existing perforations, cap with 5' of cement and pressure test to 800 psi. TIH with a 3 degree bottom trip whipstock (casing collar at +/-5922', top of window +/-5902', bottom of window +/-5908'). Attached is a correlation log.
- b) Drill a short radius curve using a 4-3/4" bit to a measured depth of +/-6089' (TVD +/-6027') with a 0 degree azimuth. The final angle will be 89.42 degrees from vertical. Drill +/-1116' horizontal section. The end point will be +/-7205' MD, +/-6036' TVD and +/-1225' vertical section.
- d) Foam/acid wash horizontal lateral using a coiled tubing unit and 20 gallons/foot 15% HCl. Place well on production.

## 50% LOST IN HOLE INSURANCE FOR THE DOWNHOLE MOTOR AND MWD IS INCLUDED WITH THE DAILY RATE FROM SCIENTIFIC DRILLING.

#### **PROPOSED WORK**

#### **PRODUCTION HOLE:**

- TOOH with pump and tubing. TIH with casing scraper to 6000'. Set a 5-1/2" cement retainer at 5918'. Establish injection rate. Squeeze Glorieta perforations 6023'-6118' with 150 sacks of Class "H" cement containing 0.3% D156 fluid loss and 0.4% D65 dispersant followed by 100 sacks of Class "H" neat cement (15.6 ppg). Pump at less than 2 BPM, slowing to 0.5 BPM at the end of the job (no hesitation). TOOH. TIH and polish off cement top to ±5914'. Pressure test the squeeze to 1000 psi. TOOH. Correlate the casing collars with the production logs (casing collar at 5922' & 5892'). TOOH.
- 2. Strap the pipe going in the hole. This measurement will be used when setting the whipstock. Accuracy is very important. Check the strap with the wire line measurement. TOOH.
- 3. TIH with bottom set retrievable whipstock, starting mill, orientation sub and drill pipe. Stop at a point 5-10' above the RBP and run a gyro. Take a gyro reading to determine the direction of the whipstock face. Rotate the pipe as needed to achieve the required direction (azimuth 0 degrees). Lower the pipe to within one foot of the RBP and take another gyro reading. Rotate pipe again, if necessary, to obtain the required direction. This step may need to be made several times until confident the whipstock is oriented in the proper direction. Pull the gyro to surface, recording the orientation of the wellbore.
- 4. Lower the drill pipe to set the whipstock. The weight indicator will jump indicating the plunger shear pin is sheared and the whipstock is set. Continue setting down to shear the starting mill bolt. The weight indicator will jump, indicating the bolt is sheared.
- 5. Pick up the power swivel and begin circulating. Pick up the drill pipe until the starting mill has cleared the whipstock and start rotation. Lower the drill pipe slowly until the torque gauge suggest the starting mill is contacting the casing. Adjust weight and speed until satisfied with the penetration rate. Mill to a predetermined depth that will assure the setting lug is completely removed and a cut out in the casing has been initiated. TOOH.
- 6. TIH with the metal muncher window mill, string mill and the watermelon mill. Resume milling operations and mill until the complete assembly has cleared the casing. Pick up and lower the string several times without rotation to assure a good clean window has been obtained. Circulate the hole clean. TOOH.

7. Inspect the mill on the surface. If extreme wear is evident, consideration should be given to repeating the above step.

# **HORIZONTAL PRODUCTION HOLE:**

- 1. Rig up Scientific Drilling Company. Adjust plan to target as necessary. Trip in the hole with Scientific Drilling's curve building assembly. This will be a 4-3/4" insert bit, 3-3/4" PDM, float sub/orienter combo, 2-flexible monel collars and 2-7/8" AOH drill pipe.
- 2. Build curve to estimated target depths and angles as follows:

True Vertical Depth	6027'
Measured Depth	6089'
Final Angle	89.42 degrees
Target Azimuth	0 degrees
Build Rate	52.08 degrees/100'

Drill the curve sliding as necessary to stay on target. It is recommended that after each slide, the bit be pulled back and washed through the slide. Once the curve is built, rotate through the curve section noting tight spots and fill. Make at least one short trip prior to tripping out of the hole.

- 3. Trip in the hole with Scientific Drilling's lateral assembly. This will be a 4-3/4" PDC bit, 3-3/4" articulated motor, float sub/orienter combo, 2 flexible monel collars and 2-7/8" AOH drill pipe.
- 4. Drill +/-1116' of horizontal hole per the attached Scientific well plan.
- 5. Continue drilling the horizontal section per the Texaco Engineer (Kevin Hickey 915-688-2950, home 915-684-8136) recommendations.
- 6. Trip out of the hole with the drilling assembly.
- Set a wireline set, tubing retrievable bridge plug for 5-1/2" casing at +/- 5850'.
   Test plug to 1000 psi.
- 8. Lay down the drill pipe.
- 9. Nipple down the BOP stack. Install a manual 3000 psig BOP equipped with blind rams and 2-7/8" pipe rams. Release the rig. Rig down and move out rotary tools.

# **COMPLETION PROCEDURE:**

- 1. Back drag the location and set pulling unit anchors.
- 2. Move in and rig up a pulling unit.
- 3. Trip in the hole with a retrieving head on 2-7/8" tubing. Retrieve the plug. Trip out of the hole and lay down the plug. TIH with coiled tubing and foam/acid wash the lateral. Use a bent joint to orient into the lateral.
- 4. Flow back immediately.
- 5. Place on production.

### **POTENTIAL PROBLEMS:**

#### Horizontal Production hole:

- a) Loss circulation material and/or other plugging agents are not to be used in this portion of the hole.
- b) The horizontal lateral will be drilled with fresh water from the Vacuum fresh water supply well.
- c) No hydrogen sulfide is expected, but H2S detection equipment is to be installed.

### MUD PROGRAM:

Interval	Туре	Weight	Viscosity	Remarks
Curve	Fresh Water	8.4 ppg	35	Raise visc. with starch and gel
Horizontal	Fresh Water	8.4-9.0 ppg	28-29	Circulate reserve

#### **EVALUATION PROGRAM**

#### Coring:

No cores are anticipated.

#### Mud Loggers:

A mud logger will be rigged from the start of the curve to total depth. Contact Kevin Hickey at (915) 688-2950 for the name of the mud logger.

#### **Open Hole Logs:**

The following open hole logs will be run in the vertical section of the well:

Run 1: Gyro from 5908'- surface for determination of bottom hole location (Scientific Drilling responsibility).

The guidance system in the curve and horizontal sections of the hole will consist of a MWD system.

# Horizontal Hole Logs:

No logs are anticipated.

# CASING PROPERTIES

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		BUI	RST	COLL	APSE	TEST
	DEPTH	Rated	(75%)	Rated	(75%)	PRESSURE
5-1/2", 17#, J-55	0-6829'	5320	3990	4910	3683	1000

Current PBTD is 6290'.

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# Scientific Drilling Planning Report

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# Scientific Drilling Planning Report

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	VGWU #61 Original Cas	ed hole				ction (VS) R an:	elerence:	Site (0 Plan #	.0E,0.0N,0	Mean Sea Level 1.0Azi)	
ection	2 : Inc Azi T		uild 52.08							<u>na data da kita da kita da</u>	
MD ft	Inci deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	vs ft	DLS d/100ft	Build d/100ft	Turn d/100ft	TFO	
5920.0 5930.0	1.56	0.00	5920.0	0.0	0.0	0.0	52.08	52.08	0.00	0.00	· · · ·
5940.0	6.77 11.98	0.00 0.00	5930.0	0.8	0.0	0.8	52.08	52.08	0.00	0.00	
5950.0	17.19	0.00	5939.8 5949.5	2.4	0.0	2.4	52.08	52.08	0.00	0.00	
5960.0	22.40	0.00	5958.9	4.9	0.0	4.9	52.08	52.08	0.00	0.00	
5970.0	27.60	0.00	5968.0	8.3	0.0	8.3	52.08	52.08	0.00	0.00	
5980.0	32.81	0.00	5976.6	12.5 17.6	0.0	12.5	52.08	52.08	0.00	0.00	
5990.0	38.02	0.00	5984.8	23.3	0.0 0.0	17.6	52.08	52.08	0.00	0.00	
6000.0	43.23	0.00	5992.3	29.9	0.0	23.3	52.08	52.08	0.00	0.00	
6010.0	48.44	0.00	5999.3	37.0	0.0	29.9 37.0	52.08	52.08	0.00	0.00	
6020.0	53.65	0.00	6005.6	44.8	0.0	37.0 44.8	52.08 52.08	52.08	0.00	0.00	
6030.0	58.86	0.00	6011.1	53.1	0.0	53.1	52.08 52.08	52.08	0.00	0.00	
6040.0	64.06	0.00	6015.9	61.9	0.0	61.9	52.08 52.08	52.08 52.08	0.00 0.00	0.00	
6050.0	69.27	0.00	6019.9	71.1	0.0	71.1	52.08	52.08 52.08	0.00	0.00	
6060.0	74.48	0.00	6023.0	80.6	0.0	80.6	52.08	52.08	0.00	0.00 0.00	
6070.0 6080.0	79.69	0.00	6025.2	90.3	0.0	90.3	52.08	52.08	0.00	0.00	
5068.7	84.90 89.42	0.00	6026.6	100.2	0.0	100.2	52.08	52.08	0.00	0.00	
	09.42	0.00	6027.0	108.9	0.0	108.9	52.08	52.08	0.00	0.00	
ft 5088.7 ction 4	89.42	0.00	6027.0	ft 108.9	n 0.0	108.9	d/100ft 0.00	0/100ft 0.00	d/100ft 0.00	deg180.00	
TTOL STORE PROPERTY	I: DT5 CH Ta	The second second									
The second second											
MD		Azim	- TVD	+N/-S			DLS	Build	Turn	TFO	
n R	deg	deg	li.	n two	trew ft	vs ft	DLS d/100ft	Build d/100ft	Turn d/100ft	TFO deg	
ft. 6100.0	deg 89.42	deg 0.00	ft 6027.1	ft 120.2	the second		d/100ft -	d/100ft	d/100ft -	deg	
ft. 5100.0 5200.0	<b>deg</b> 89.42 89.42	deg 0.00 0.00	6027.1 6028.1	ft 120.2 220.2	ft 0.0 0.0	<u>a</u>			d/100ft 0.00	180.00	
ft. 5100.0 5200.0 5300.0	89.42 89.42 89.42 89.42	0.00 0.00 0.00	6027.1 6028.1 6029.1	120.2 220.2 320.2	0.0 0.0 0.0	120.2 220.2 320.2	d/100ft 0.00	d/100ft 0.00	d/100ft 0.00 0.00	180.00 180.00 180.00	
ft. 5100.0 5200.0 5300.0 5400.0	deg 89.42 89.42 89.42 89.42 89.42	deg 0.00 0.00 0.00 0.00 0.00	6027.1 6028.1 6029.1 6030.2	ft 120.2 220.2 320.2 420.2	0.0 0.0 0.0 0.0 0.0 0.0	ft 120.2 220.2 320.2 420.2	d/100ft 0.00 0.00	d/100ft 0.00 0.00	d/100ft 0.00	180.00	
ft 100.0 5200.0 5300.0 5400.0 5400.0 5500.0	<b>deg</b> 89.42 89.42 89.42 89.42 89.42 89.42 89.42	deg 0.00 0.00 0.00 0.00 0.00 0.00	6027.1 6028.1 6029.1 6030.2 6031.2	n 120.2 220.2 320.2 420.2 520.2	0.0 0.0 0.0 0.0 0.0 0.0 0.0	120.2 220.2 320.2 420.2 520.2	0.00 0.00 0.00 0.00 0.00 0.00 0.00	d/100ft 0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00	180.00 180.00 180.00 180.00	
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ft 200.0 200.0 300.0 400.0 500.0 579.8 tion 5 MD ft 583.4	deg 89.42 89.42 89.42 89.42 89.42 89.42 89.42 : DT5 CH Ta Incl deg	deg 0.00 0.00 0.00 0.00 0.00 0.00 ang Part 1 E Azim deg 0.00	ft 6027.1 6028.1 6029.1 6030.2 6031.2 6032.0 ft 6032.0	ft 120.2 220.2 320.2 420.2 520.2 600.0 +N/-S ft	n 0.0 0.0 0.0 0.0 0.0 0.0 0.0 +#2/-W	ft 120.2 220.2 320.2 420.2 520.2 600.0	d/100n 0.00 0.00 0.00 0.00 0.00 0.00 0.00	d/1COft 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	d/100ft 0.00 0.00 0.00 0.00 0.00 0.00 0.00	180.00 180.00 180.00 180.00 180.00 180.00 180.00 180.00	
ft \$100.0 \$200.0 \$200.0 \$200.0 \$200.0 \$500.0 \$579.8 tion 5 MD ft \$583.4 tion 6 MD	deg 89.42 89.42 89.42 89.42 89.42 89.42 1075 CH Ta 89.63 1075 CH Ta Incl	deg 0.00 0.00 0.00 0.00 0.00 0.00 ang Part 1 E Azim deg 0.00 ang Part 2 H Azim	tt 6027.1 6028.1 6029.1 6030.2 6031.2 6032.0 TVD ft 6032.0 ft ft ft ft ft ft ft ft ft ft	R           120.2           220.2           320.2           420.2           520.2           600.0             +N/-S           ft           603.6	ft 0.0 0.0 0.0 0.0 0.0 0.0 +E/-W	ft           120.2           220.2           320.2           420.2           520.2           600.0	d/100n 0.00 0.00 0.00 0.00 0.00 0.00 0.00	d/100f 0.00 0.00 0.00 0.00 0.00 0.00 0.00	d/100t 0.00 0.00 0.00 0.00 0.00 0.00 0.00	180.00       180.00         180.00       180.00         180.00       180.00         180.00       180.00         180.00       180.00         180.00       180.00         180.00       180.00         180.00       180.00         180.00       180.00         180.00       180.00         0.00       0.00	
ft \$100.0 \$200.0 \$200.0 \$200.0 \$200.0 \$200.0 \$200.0 \$500.0 \$579.8 tion 5 MD ft \$100.0 \$5	deg 89.42 89.42 89.42 89.42 89.42 89.42 : DT5 CH Ta Incl deg : DT5 CH Ta Incl deg	deg 0.00 0	ft           6027.1           6028.1           6032.0           Build 6.00           TYD-           ft           6032.0           Iold	n           120.2           220.2           320.2           420.2           520.2           600.0             +N/-S           ft           603.6	n 0.0 0.0 0.0 0.0 0.0 0.0 +E2-W n 0.0	ft           120.2           220.2           320.2           420.2           520.2           600.0           VS           ft           603.6	d/100n 0.00 0.00 0.00 0.00 0.00 0.00 0.00	d/100f 0.00 0.00 0.00 0.00 0.00 0.00 0.00	d/100t 0.00 0.00 0.00 0.00 0.00 0.00 7.00 1.00 1	180.00 180.00 180.00 180.00 180.00 180.00 180.00 180.00 180.00	
ft           \$100.0           \$200.0           \$200.0           \$200.0           \$200.0           \$200.0           \$200.0           \$200.0           \$200.0           \$200.0           \$200.0           \$200.0           \$579.8           tton         5           \$200.0           \$200.0           \$200.0           \$200.0           \$200.0	deg           89.42           89.42           89.42           89.42           89.42           89.42           89.42           9.42           89.42           9.42           89.42           9.42           89.42           9.42           89.42           9.42           89.42           9.42           89.42           9.42           89.42           89.63           EDT5 CH Ta           Jacl           deg           89.63	deg 0.00 0	tt 6027.1 6028.1 6029.1 6030.2 6031.2 6032.0 tt tt ft 6032.0 tt ft 6032.0 tt ft 6032.1 6032.1	ft           120.2           220.2           320.2           420.2           520.2           600.0             +N/-S           ft           603.6           +N/-S           ft           620.2	ft 0.0 0.0 0.0 0.0 0.0 0.0 +E/-W	ft           120.2           220.2           320.2           420.2           520.2           600.0	d/100n 0.00 0.00 0.00 0.00 0.00 0.00 0.00	d/100ft 0.00 0.00 0.00 0.00 0.00 0.00 0.00	d/100ft 0.00 0.00 0.00 0.00 0.00 0.00 0.00	180.00         180.00<	
ft           \$100.0           \$200.0           \$200.0           \$200.0           \$200.0           \$200.0           \$200.0           \$200.0           \$200.0           \$200.0           \$200.0           \$200.0           \$200.0           \$579.8           #tion         5           \$200.0           \$683.4           \$100.0           \$600.0           \$700.0	deg           89.42           89.42           89.42           89.42           89.42           89.42           89.42           9.42           89.42           9.42           89.42           9.42           89.42           9.42           89.42           9.42           89.42           9.42           89.63           PT5 CH Ta           Incl deg           89.63           89.63	deg 0.00 0.00 0.00 0.00 0.00 0.00 ang Part 1 E Azim deg 0.00 ang Part 2 H Azim deg 0.00 0.00	tt 6027.1 6028.1 6029.1 6030.2 6031.2 6032.0 TVD tt 6032.0 10ld TVD tt 6032.1 6032.8	ft           120.2           220.2           320.2           420.2           520.2           600.0             +N/-S           ft           603.6           +N/-S           ft           620.2           720.2	ft           0.0           0.0           0.0           0.0           0.0           0.0           0.0           0.0           +E/-W           tt           0.0           0.0	ft           120.2           220.2           320.2           420.2           520.2           600.0	d/100n 0.00 0.00 0.00 0.00 0.00 0.00 0.00	d/100ft 0.00 0.00 0.00 0.00 0.00 0.00 0.00	d/100ft 0.00 0.00 0.00 0.00 0.00 0.00 0.00	deg           180.00           0.00           TFO           180.00	
ft           \$100.0           \$200.0           \$200.0           \$200.0           \$200.0           \$200.0           \$200.0           \$200.0           \$200.0           \$200.0           \$200.0           \$200.0           \$200.0           \$579.8           #tion         5           \$200.0           \$10	deg           89.42           89.42           89.42           89.42           89.42           89.42           89.42           89.42           89.42           89.42           89.42           89.42           89.42           89.42           89.42           89.63           EDT5 CH Ta           Incl           deg           89.63           89.63           89.63	deg 0.00 0.00 0.00 0.00 0.00 0.00 ang Part 1 E Azim deg 0.00 mg Part 2 H Azim deg 0.00 0.00 0.00 0.00 0.00	ft           6027.1           6028.1           6029.1           6030.2           6031.2           6032.0           Build 6.00           TVD           ft           6032.0           ft           6032.0	n           120.2           220.2           320.2           420.2           520.2           600.0             +N/-S           ft           603.6             +N/-S           ft           620.2           720.2           820.2	ft 0.0 0.0 0.0 0.0 0.0 0.0 0.0 <b>+E/-W</b> ft 0.0 0.0 0.0 0.0	ft           120.2           220.2           320.2           420.2           520.2           600.0             VS           ft           603.6           VS           ft           620.2           720.2           820.2	d/100n 0.00 0.00 0.00 0.00 0.00 0.00 0.00	d/100ft 0.00 0.0	d/100ft 0.00 0.00 0.00 0.00 0.00 0.00 7.00 Turn d/100ft 0.00	deg           180.00           180.00           180.00           180.00           180.00           180.00           180.00           180.00           180.00           180.00           180.00           180.00           180.00           TFO           deg           0.00           180.00	
ft           \$100.0           \$200.0           \$200.0           \$200.0           \$200.0           \$200.0           \$200.0           \$200.0           \$200.0           \$200.0           \$200.0           \$200.0           \$200.0           \$200.0           \$200.0           \$200.0           \$200.0           \$200.0           \$200.0           \$200.0	deg           89.42           89.42           89.42           89.42           89.42           89.42           89.42           89.42           89.42           89.42           89.42           89.42           89.42           89.42           89.42           89.42           89.42           89.63           1ncl           deg           89.63           89.63           89.63           89.63           89.63	deg 0.00 0.00 0.00 0.00 0.00 0.00 ang Part 1 E Azim deg 0.00 mg Part 2 H Azim deg 0.00 0.00 0.00 0.00 0.00 0.00	ft           6027.1           6028.1           6029.1           6030.2           6031.2           6032.0           Build 6.00           TYD           ft           6032.0           bold           ft           6032.1           6032.8           6033.4           6034.1	ft           120.2           220.2           320.2           420.2           520.2           600.0             +N/-S           ft           603.6             +N/-S           ft           620.2           720.2           820.2           920.2	ft 0.0 0.0 0.0 0.0 0.0 0.0 0.0 +E/-W ft 0.0 0.0 0.0 0.0 0.0 0.0	ft           120.2           220.2           320.2           420.2           520.2           600.0             VS           ft           6003.6           VS           ft           620.2           720.2           820.2           920.2	d/100n 0.00 0.00 0.00 0.00 0.00 0.00 0.00	d/100ft 0.00 0.0	d/100ft 0.00 0.00 0.00 0.00 0.00 0.00 0.00	Iso.co         Iso.co<	
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DISTRICT I P.O. Box 1980, Hobbs, NM	88241-1980	Energy,		f New Mexico atural Resources Dep	artment	R	F Revised Febru	Form C-10 <b>Z</b>
DISTRICT II B.O. Box Drawer DD. Artos	- NM 88211 0719		ONCEDU	ATION DIVI	ISION		Instructio	ins on back
P.O. Box Drawer DD, Artes DISTRICT III	12, 19191 00211-0719	UILC		ATION DIV	ISION	Submit to Appropriate District Offic		
1000 Rio Brazos Rd., Azter	, NM 87410			ox 2088			State Lease	•
DISTRICT IV		Sa	nta Fe, New I	Mexico 87504-208	38	Fee Lease - 3 Copi		
P.O. Box 2088, Santa Fe, №		ELL LOCATIC	N AND ACRI	EAGE DEDICATIO	ON PLAT	AMENDED REPORT		
<sup>1</sup> API Num	ber	<sup>2</sup> Pool Cod	e		<sup>3</sup> Pool M	Name		
30-025-2	1432	62160			VACUUM	GLORIETA		
4 Property Co	de		<sup>5</sup> Proper	ty Name		Ŧ	6 Well No	<b>)</b> .
011125			VACUUM GLOR	IETA WEST UNIT			61	
<sup>7</sup> OGRID Numl 022351	ber	TEXAC	<sup>8</sup> Operat	tor Name IN & PRODUCTION II	NC.		<sup>9</sup> Elevat 3991' (	
	!		<sup>10</sup> Surface Lo					
UI or lot no Section	Township Ran	ge Lot.ldn	Feet From The		Feet From The	East/We	est Line	County
A 36	17S 34		660	NORTH	760	EAS		LEA
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UI or lot no Section		Bottom Hole		Different From Sur		<b>F</b>		
P 25	17S 34		Feet From The 565	SOUTH	760	East/We EAS		County LEA
<sup>12</sup> Dedicated Acre 13 BD	Joint or Infill No	<sup>14</sup> Consolidatio	n Code <sup>15</sup> C	Drder No.				•
16 L M	Proy Wits N	Sec 25 FICE C Line V	Jua Jwa D	I I P DH 160' A SHL 160 A	17 OF I hereby contained h best of my k Signature Printed Nar J. Denis Positio Enginee Date 12/20/99 18 SU I hereby cer on this plat actual surve supervision,	PERATOR C certify that the erein is true a knowledge ar anowledge ar extra construction ise Leake ering Assi RVEYOR C tify that the w was plotted fr eys made by r and that the e best of my f red Seal of I Surveyor	rise O	the Reaction Solution Solution of
					Certificate N	ю.		
0 330 660 990	132 165 1980 2	310 2640	2000 1500	1000 500	0			

DeSoto/Nichols 3/94 ver 1.10