

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720  
**District II**  
811 S. First St., Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720  
**District III**  
1000 Rio Brazos Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170  
**District IV**  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

# State of New Mexico

Form C-101  
Revised November 14, 2012

## Energy Minerals and Natural Resources

### Oil Conservation Division

1220 South St. Francis Dr.

Santa Fe, NM 87505

☐ AMENDED REPORT

## APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

<sup>1</sup> Operator Name and Address AMTEX ENERGY INC P.O. Box 3418 Midland, TX 79702		<sup>2</sup> OGRID Number 785
		<sup>3</sup> API Number 30-025-27453
<sup>4</sup> Property Code 40000	<sup>5</sup> Property Name STATE LT 32 COM	<sup>6</sup> Well No. 1

JUL 05 2013

RECEIVED

### <sup>7</sup> Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
K	32	21S	33E		1978'	South	1984'	West	Lea

### <sup>8</sup> Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County

### <sup>9</sup> Pool Information

Pool Name Legg; Atoka- Morrow	Pool Code 80120
----------------------------------	--------------------

<GAS>

### Additional Well Information

<sup>11</sup> Work Type E	<sup>12</sup> Well Type Oil	<sup>13</sup> Cable/Rotary	<sup>14</sup> Lease Type State	<sup>15</sup> Ground Level Elevation 3724.3'
<sup>16</sup> Multiple N	<sup>17</sup> Proposed Depth 15,140'	<sup>18</sup> Formation Morrow	<sup>19</sup> Contractor	<sup>20</sup> Spud Date
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

### <sup>21</sup> Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	16	65	500	600	Surface
Int.	14.75	10.75	51	5232	4250	Surface
Prod.	9.5	7.625	33.7/39	12065	1950	3890' from Surface
Liner	6.5	4.5	13.5	15140	350	TOL @ 12,000

### Casing/Cement Program: Additional Comments

Reconnect to wellhead. Drill out cmnt plugs. Run 2,275' of 7-5/8" csg to reconnect downhole to 7-5/8" csg and run it back to surface. Pick up 6.5" mtdb and drill out cmnt plugs past 7-5/8" csg show set at 12,065'. Continue drilling out with 6.5" mtdb through cmnt plug at 14,190'. Drill through plug and continue drilling out original TD at 15,140'. Circulate old drill mud out, displace the hole and clean up open hole in preparation to run liner. Run 4.4" 13.5# P110 csg liner and set TD and top of liner will land at 12,000'. Rig down and move out. Prepare to complete well.

### <sup>22</sup> Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	3000	3000	Cameron

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that I have complied with 19.15.14.9 (A) NMAC <input type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input type="checkbox"/> if applicable.		OIL CONSERVATION DIVISION	
Signature: <i>William J. Savage</i>		Approved By: <i>[Signature]</i>	
Printed name: William J. Savage		Title: Petroleum Engineer	
Title: President		Approved Date: JUL 11 2013	
E-mail Address: bsavage@amtenergy.com		Expiration Date:	
Date: 07/01/2013	Phone: (432) 686-0847	Conditions of Approval Attached	

JUL 11 2013

# Re-entry Multiple Completions – Legg; Atoka Morrow



AMTEX ENERGY, INC.  
P. O. Box 3418  
Midland, TX 79702  
432/686-0847  
888/789.5245 fax

## State LT 32 COM Well No. 1

AFE # \_\_\_\_\_

HOESS OCD

JUL 05 2013

**Objective** – Re-entry Multiple Completions in the Legg; Atoka-Morrow.

RECEIVED

API# 30-025-27453

Location - Lea Co. - Sec 32(K) - T21S - R33E

GL - 3,724.3'

KB - 3,741.9'

TD - 15,140' / TVD –

PBTD - 13,766'

Casing	OD	WT/FT	Grade	Top	Bottom	TOC	80% Collapse (psi)	80% Burst (psi)
Surface	16	65#	H-40, ST&C	0	500'	Surface		
Intermediate	10 3/4	51#	K-55 & S-80	0	5,232'	Surface		
Production	7 5/8"	33.7# & 39#	S-95, P-110, LT&C	2,275'	12,065'	Surface		

### Volume Calculations:

7-5/8" 39# casing (0.0138 bbl/ft), 7-5/8" 33.7# casing (0.012 bbl/ft), 2-7/8 6.5# tubing (0.00579 bbl/ft), 2-7/8 x 5-1/2 (0.0152 bbl/ft)

Marker Joints: TBD

LT&C to BT&C Blind Sidetrack at 7,200'. DV Tool - TBD.

OFFSET WELLS WITHIN ¼ MILE- NONE

Operator:	Well Name:	Sec-T-R:	Surf Loc:	Distance:	Frac Stg Proximity	Well Status

### Completion Procedure

- 1) Reconnect to wellhead.
- 2) Drill out cement plugs.
- 3) Run 2,115' of 7 5/8" csg to reconnect downhole to 7 5/8" csg and run it back to surface.
- 4) Pick up 6.5" mill tooth drill bit and drill out cement plugs past 7 5/8" csg shoe set at 12,065'.
- 5) Continue drilling out with 6.5" mill tooth drill bit through cement plug at 14,190'.

07/01/13

## Re-entry Multiple Completions – Legg; Atoka Morrow



AMTEX ENERGY, INC.  
P. O. Box 3418  
Midland, TX 79702  
432/686-0847  
888/789.5245 fax

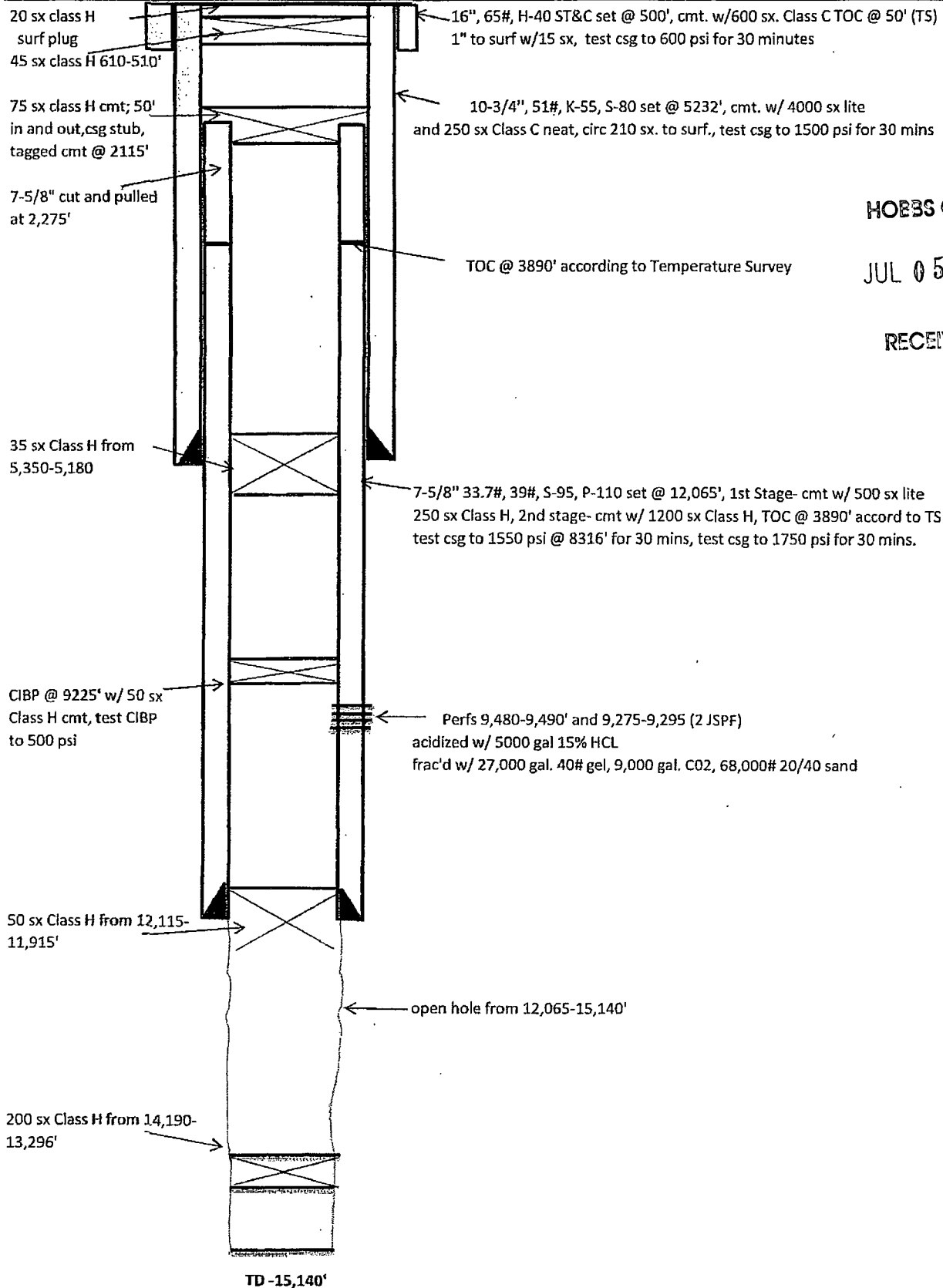
- 
- 6) Drill through plug and continue drilling out to original TD at 15,140'.
  - 7) Circulate old drill mud out, displace the hole and clean up open hole in preparation to run liner.
  - 8) Run 4 1/2" 13.5# P110 csg liner and set at TD and top of liner will land at 12,000'
  - 9) Rig down and move out and prepare to complete well.

HOESS OCD

JUL 05 2013

RECEIVED

OPERATOR: AMTEX ENERGY, INC.	NAME OF LEASE: State LT 32 COM #1	Date: 7/1/2013
API: 30-025-27453	Well: No. 1	By: M.G. & R.S.
LOCATION: Unit K 1978' FSL 1984' FWL , Sec. 32, T-21-S, R-33-E, Lea County, New Mexico		



HOEBS OCD

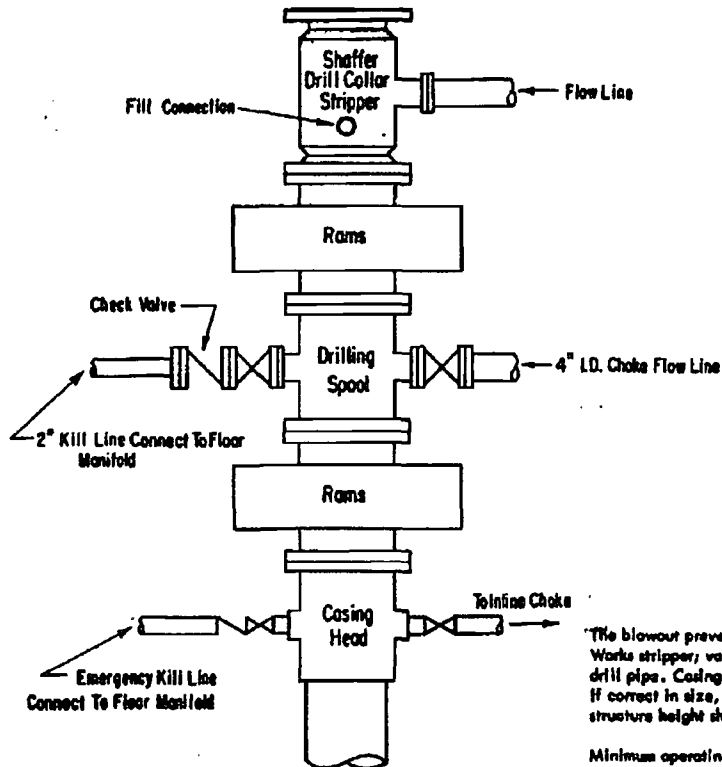
JUL 05 2013

RECEIVED

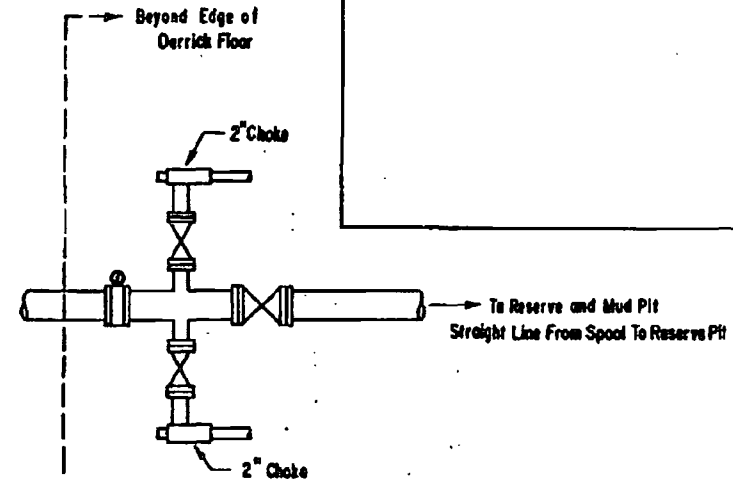
HOESS OCD

JUL 05 2013

RECEIVED



**3000 PSI WORKING PRESSURE  
BLOWOUT PREVENTER HOOK-UP**



**ADDITIONS - DELETIONS - CHANGES  
SPECIFY**

The blowout preventer assembly shall consist of one blind ram preventer and one pipe ram preventer, both hydraulically operated; a Shaffer Tool Works stripper; valves; chokes and connections, as illustrated. If a tapered drill string is used, a ram preventer must be provided for each size of drill pipe. Casing and tubing rams to fit the preventers are to be available as needed. The ram preventer may be two singles or a double type. If correct in size, the flanged outlets of the ram preventer may be used for connecting to the 4-inch I.D. choke flow line and kill line. The substructure height shall be sufficient to install a rotating blowout preventer.

Minimum operating equipment for the preventers shall be as follows: (1) Pump (A), driven by a continuous source of power, capable of closing all the pressure-operated devices simultaneously within \_\_\_\_\_ seconds. The pump (A) is to be connected to a closed type hydraulic operating system. (2) When requested, accumulators with a precharge of nitrogen of not less than 750 PSI and connected so as to receive a fluid charge from the above pump (A). With the charging pump (A) shut down, the pressurized fluid volume stored in the accumulators must be sufficient to close all the pressure-operated devices simultaneously within \_\_\_\_\_ seconds; after closure, the remaining accumulator pressure shall be not less than 1000 PSI with the remaining accumulator fluid volume of at least \_\_\_\_\_ percent of the original. (3) When requested, an additional source of power, remote and equivalent, is to be available to operate the above pump (A); or there shall be an additional pump (A) operated by separate power and equal in performance capabilities.

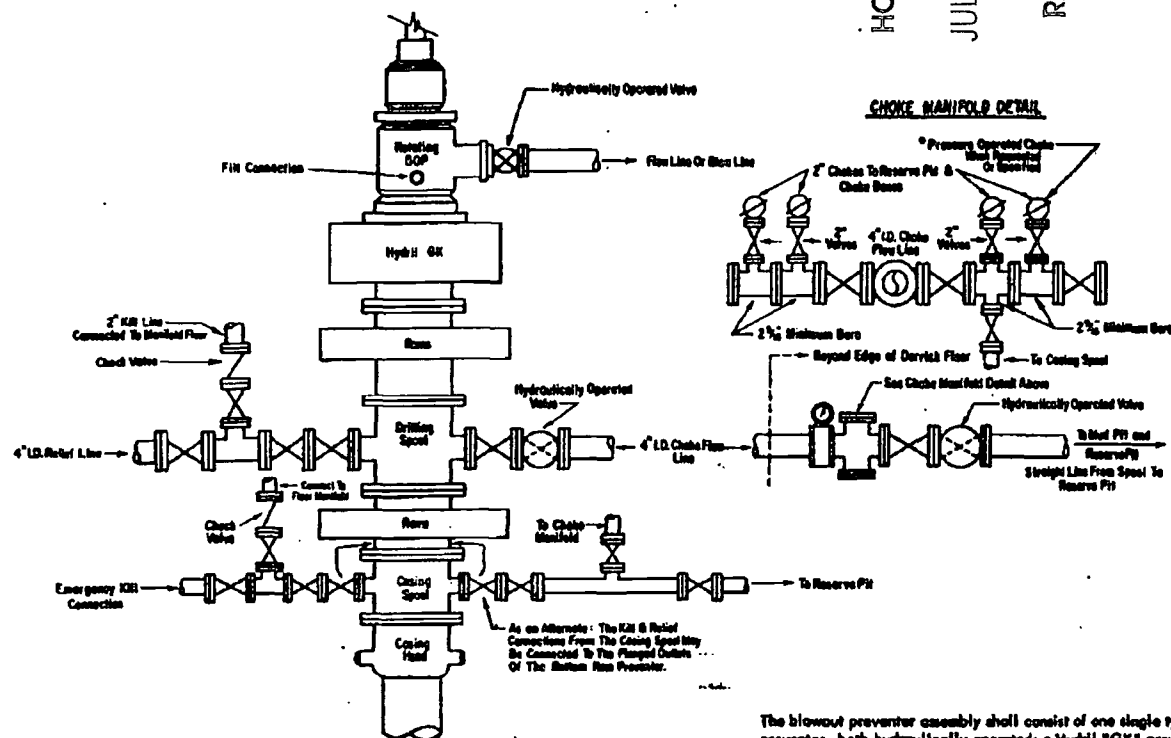
The closing manifold shall have a separate control for each pressure-operated device. Controls are to be labeled, with control handles indicating open and closed positions. A pressure reducer and regulator must be provided if a Hydril preventer is used. Gulf Legion No. 38 hydraulic oil, or equivalent or better, is to be used as the fluid to operate the hydraulic equipment.

The choke manifold, choke flow line, and choke lines are to be supported by metal stands and adequately anchored. The choke flow line and choke lines shall be constructed as straight as possible and without sharp bends. Easy and safe access is to be maintained to the choke manifold. All valves are to be selected for operation in the presence of oil, gas, and drilling fluids. The choke flow line valve connected to the drilling spool and all ram type preventers must be equipped with stem extenders, universal joints if needed, and hand wheels which are to extend beyond the edge of the derrick substructure. All other valves are to be equipped with handles.

HOESS OGD

JUL 05 2013

RECEIVED



### 5000# PSI WORKING PRESSURE BLOWOUT PREVENTER HOOK-UP

The blowout preventer assembly shall consist of one single type billed ram preventer and one single type pipe ram preventer, both hydraulically operated; a Hydril "GX" preventer; a rotating blowout preventer; valves, chokes and connections, as illustrated. If a tapered drill string is used, a ram preventer must be provided for each size of drill pipe. Casing and tubing runs to fit the preventers are to be available as needed. If correct in size, the flanged outlets of the ram preventer may be used for connecting to the 4-inch I.D. choke flow line and 4-inch I.D. relief line, except when air or gas drilling. All preventer connections are to be open-face flanged.

Minimum operating equipment for the preventers and hydraulically operated valves shall be as follows: (1) Multiple pumps, driven by a continuous source of power, capable of fluid charging the total accumulator volume from the nitrogen precharge pressure to its rated pressure within \_\_\_\_\_ minutes. Also, the pumps are to be connected to the hydraulic operating system which is to be a closed system. (2) Accumulators with a precharge of nitrogen of not less than 750 PSI and connected so as to receive the aforementioned fluid charge. With the charging pumps shut down, the pressurized fluid volume stored in the accumulators must be sufficient to close all the pressure-operated devices simultaneously within \_\_\_\_\_ seconds after closure, the remaining accumulator pressure shall be not less than 1000 PSI with the remaining accumulator fluid volume at least \_\_\_\_\_ percent of the original. (3) When requested, an additional source of power, remote and equivalent, is to be available to operate the above pumps; or there shall be additional pumps operated by separate power and equal in performance capabilities.

The closing manifold and remote closing manifold shall have a separate control for each pressure-operated device. Controls are to be labeled, with control handles indicating open and closed positions. A pressure reducer and regulator must be provided for operating the Hydril preventer. When requested, a second pressure reducer shall be available to limit operating fluid pressures to ram preventers. Gulf Legion No. 38 hydraulic oil, or equivalent or better, is to be used as the fluid to operate the hydraulic equipment.

The choke manifold, choke flow line, relief line, and choke lines are to be supported by metal stands and adequately anchored. The choke flow line, relief line, and choke lines shall be constructed as straight as possible and without sharp bends. Easy and safe access is to be maintained to the choke manifold. If deemed necessary, walkways and stairways shall be erected in and around the choke manifold. All valves are to be selected for operation in the presence of oil, gas, and drilling fluids. The choke flow line valves and relief line valves connected to the drilling spool and all ram type preventers must be equipped with stem extensions, universal joints if needed, and hand wheels which are to extend beyond the edge of the derrick substructure. All other valves are to be equipped with handles.

\* To include derrick floor mounted controls.

ADDITIONS - DELETIONS - CHANGES  
SPECIFY

P. O. Box 3418  
Midland, TX 79702  
432/686-0847 Office  
888/789-5245 Fax  
432/770-0913 Cell



## AMTEX ENERGY, INC.

July 1, 2013

Larry Roybal  
State of New Mexico  
Oil, Gas and Minerals Division  
310 Old Santa Fe Trail  
Santa Fe, New Mexico 87504

RE: Communitization Agreement;  
State LT 32 COM Well No. 1;  
API# 30-025-27453;  
V0-8404-0000, Unit K, Unit L, Unit M, Unit N and ;  
V0-8427-0000, Unit I, Unit J, Unit O, Unit P;  
Section 32, T21S, R33E, NMPM;  
Lea County, New Mexico.

Dear Mr. Larry Roybal,

Enclosed please find Amtex Energy, Inc. Check# 12819, in the amount of \$30.00, to cover the filing fee associated with above-referenced Communitization Agreement. Thank you.

Sincerely,

A handwritten signature in cursive script that reads "William J. Savage". The signature is fluid and extends to the right with a long, sweeping tail.

William J. Savage  
President