

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 South First, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

Oil Conservation Division  
2040 South Pacheco  
Santa Fe, NM 87505

Form C-101  
Revised March 17, 1999

Submit to appropriate District Office  
State Lease - 6 Copies  
Fee Lease - 5 Copies

☐ AMENDED REPORT

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

<sup>1</sup> Operator Name and Address EnerQuest Resources, LLC P. O. Box 11150, Midland, TX 79702		<sup>2</sup> OGRID Number 160620
		<sup>3</sup> API Number 30 - 025-34523
<sup>4</sup> Property Code 24716	<sup>5</sup> Property Name McCasland "18" Fee	<sup>6</sup> Well No. 2

<sup>7</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	18	20S	39E		2080	north	1880	west	Lea

<sup>8</sup> Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

<sup>9</sup> Proposed Pool 1 Warren East (Tubb)	<sup>10</sup> Proposed Pool 2
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<sup>11</sup> Work Type Code P	<sup>12</sup> Well Type Code 0	<sup>13</sup> Cable/Rotary NA	<sup>14</sup> Lease Type Code P	<sup>15</sup> Ground Level Elevation 3531'
<sup>16</sup> Multiple No	<sup>17</sup> Proposed Depth 6860' PBTD	<sup>18</sup> Formation Tubb	<sup>19</sup> Contractor NA	<sup>20</sup> Spud Date 5-21-01

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

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC

<sup>22</sup> Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone.

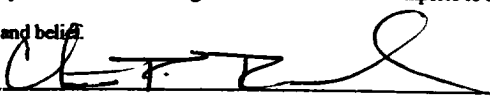
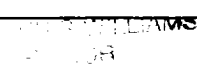

Describe the blowout prevention program, if any. Use additional sheets if necessary.

Well presently completed in DK (Abo): 7272-7378 & 7440-7555

Propose plug back to Tubb interval: 6660'-6824' (see attached procedure)

Permit Expires 1 Year From Approval  
Date Unless Drilling Underway

Plug-Back

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: 		<b>OIL CONSERVATION DIVISION</b>	
Printed name: Christopher P. Renaud		Approved by: 	
Title: Vice President - Engineering		Title:	
Date: 5-17-01		Approval Date: 	Expiration Date:
Phone: 915 685-3116		Conditions of Approval:	
		Attached <input type="checkbox"/>	

SCA



DISTRICT I  
P.O. Box 1980, Hobbs, NM 88241-1980

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88211-0719

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV  
P.O. BOX 2066, SANTA FE, N.M. 87504-2066

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised February 10, 1994  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30 025 34523	Pool Code 87085	Pool Name WARREN, EAST (TULSA)
Property Code ZATIL	Property Name McCASLAND 18 FEE	Well Number 2
OGRID No. 160620	Operator Name ENERQUEST RESOURCES, LLC	Elevation 3531

Surface Location

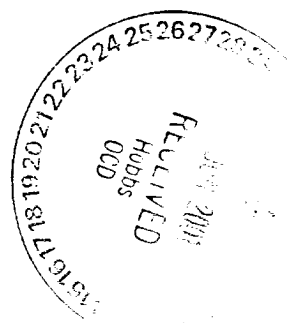
UL or lot No. IF	Section 18	Township 20 S	Range 39 E	Lot Idn	Feet from the 2080	North/South line NORTH	Feet from the 1880	East/West line WEST	County LEA
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Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Christopher P. Renaud</i></p> <p>Signature</p> <p>Christopher P. Renaud</p> <p>Printed Name</p> <p>Vice President</p> <p>Title</p> <p>Date 5/31/01</p>
	<p>SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>OCTOBER 20, 1998</p> <p>Date Surveyed</p> <p>Signature of Surveyor</p> <p>Professional Surveyor</p> <p>NEW MEXICO</p> <p>10-22-98</p> <p>98-11-1388</p> <p>Certification No. RQMLB-EDISON 3239</p> <p>12641</p> <p>12185</p>



# ENERQUEST

EnerQuest Resources, LLC

Telephone (915) 685-3116

Fax (915) 687-4804

P.O. Box 11150

~~500 W. Wall, Suite 444~~

Midland, Texas 79702

April 4, 2001

## WORKOVER PROCEDURE

EnerQuest Resources, LLC  
McCasland "18" Fee No. 2  
UL F, Sec. 18, T-20-S, R-39-E  
Lea County, NM

PURPOSE OF WORKOVER: To plug back well from Drinkard/Abo formation & open and test Tubb formation pay from 6660'-6824'.

1. MIRUSU. Unseat pump & TOH w/rods & pump.
2. NUBOP. Unseat TAC. Load hole w/produced wtr. Strap out of hole w/ 2 3/8" tbg.
3. RU wireline to perf following Tubb intervals w/ 1 SPF: 6660-70, 6716-22, 6730-32, 6745-51, 6754-62, 6765-67, 6783-85, 6791-93, 6820-24. RD wireline.
4. TIH w/ 5 1/2" RBP, ball catcher, 2 joints tailpipe, 5 1/2" Model "R" packer, SN & tubing. Set RBP @ approx depth of 6860'. PU to 6820' to spot acid.
5. Spot 250 gals 15% NEFE HCL across perfs 6660-6824' w/produced wtr. PU to EOT @ 6585', pkr @ approx 6525'. Set pkr & open bypass, reversing 2 bbls wtr. Close bypass on packer & load annulus to 500 psi.
6. Slowly breakdown Tubb formation. Upon breakdown commence acidizing w/2,750 gals of 15% NEFE HCL @ 4-5 BPM dropping 75-1.3 SG ball sealers stage throughout job in attempt to ball out perfs. Flush to bottom perf w/produced wtr & overflush 5 bbls. Obtain ISDP & up to 15 min SIP.
7. Flow & swab back load to test tank. Evaluate for fracture stimulation or further production test.
8. Should decision be made to fracture stimulate Tubb formation, frac down 5 1/2" casing as designed by American Energy Services 4-03-01 proposal with 44,000 gals of AmBorMax 1025 (25# X-L gel) & 84,000 pounds of 20/40 mesh Brady sand @ AIR of 40 BPM.
9. Flow back frac load & evaluate for final production testing. Clean out well & pull RBP to commingle w/Drinkard/Abo when possible.

