

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

RECEIVED  
OCD - ARTESIA

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 Rubicon Oil & Gas, LLC 400 West Wall - Suite 1130 Midland, Texas 79701		<sup>2</sup> OGRID Number 194266
		<sup>3</sup> API Number 30-015-21520
<sup>4</sup> Property Code 30567	<sup>5</sup> Property Name Jake State	<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
C	36	24-S	26-E		678	North	2202	West	Eddy

<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 Black River Morrow SW	<sup>10</sup> Proposed Pool 2
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<sup>11</sup> Work Type Code E	<sup>12</sup> Well Type Code G	<sup>13</sup> Cable/Rotary R	<sup>14</sup> Lease Type Code S	<sup>15</sup> Ground Level Elevation 3358'
<sup>16</sup> Multiple No	<sup>17</sup> Proposed Depth 11,650'	<sup>18</sup> Formation Morrow	<sup>19</sup> Contractor N/A	<sup>20</sup> Spud Date 3-10-03

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

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17-1/2"	13-3/8"	61#	605'	500 Lite, 200"C"	Circulated)
12-1/4"	9-5/8"	43.5#	8295'	1000 Lite, 200"C"	5000' ) in
8-1/2"	7-5/8" Liner	29.05#	8029' to 10,633'	385 "H"	8029' ) place
6-1/2"	5-1/2"	17#	11650'	750 Sx	6000'

<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. This well was originally drilled by Coquina Oil Corp. in 1975. It was P&A on 1-15-76. Surface, intermediate and drilling liner were set and cemented as indicated above. Records indicate no casing was pulled. We plan to install wellhead equipment on casing and cleanout cement and cast iron plugs to about 11,650'. We plan to set 5-1/2" casing from surface to 11,650'± and cement back to 6000'±. 5000# BOP will be installed and tested to 5000# by third party before drilling any plugs. BOP equipment will be no less than 5000# and include a double ram BOP and annular. 5-1/2" casing will be set and cemented as per Rule 107. BOP equipment will be installed and maintained as per Rule 109. We will attempt a completion in the Morrow Sands.

<sup>23</sup> I hereby certify that the information given above is true and complete to the best

of my knowledge and belief.

Signature: *Darol K. Ramey*  
Printed name: Darol K. Ramey  
Title: Agent

Date: 2-21-03  
Phone: 915/687-1192

OIL CONSERVATION DIVISION

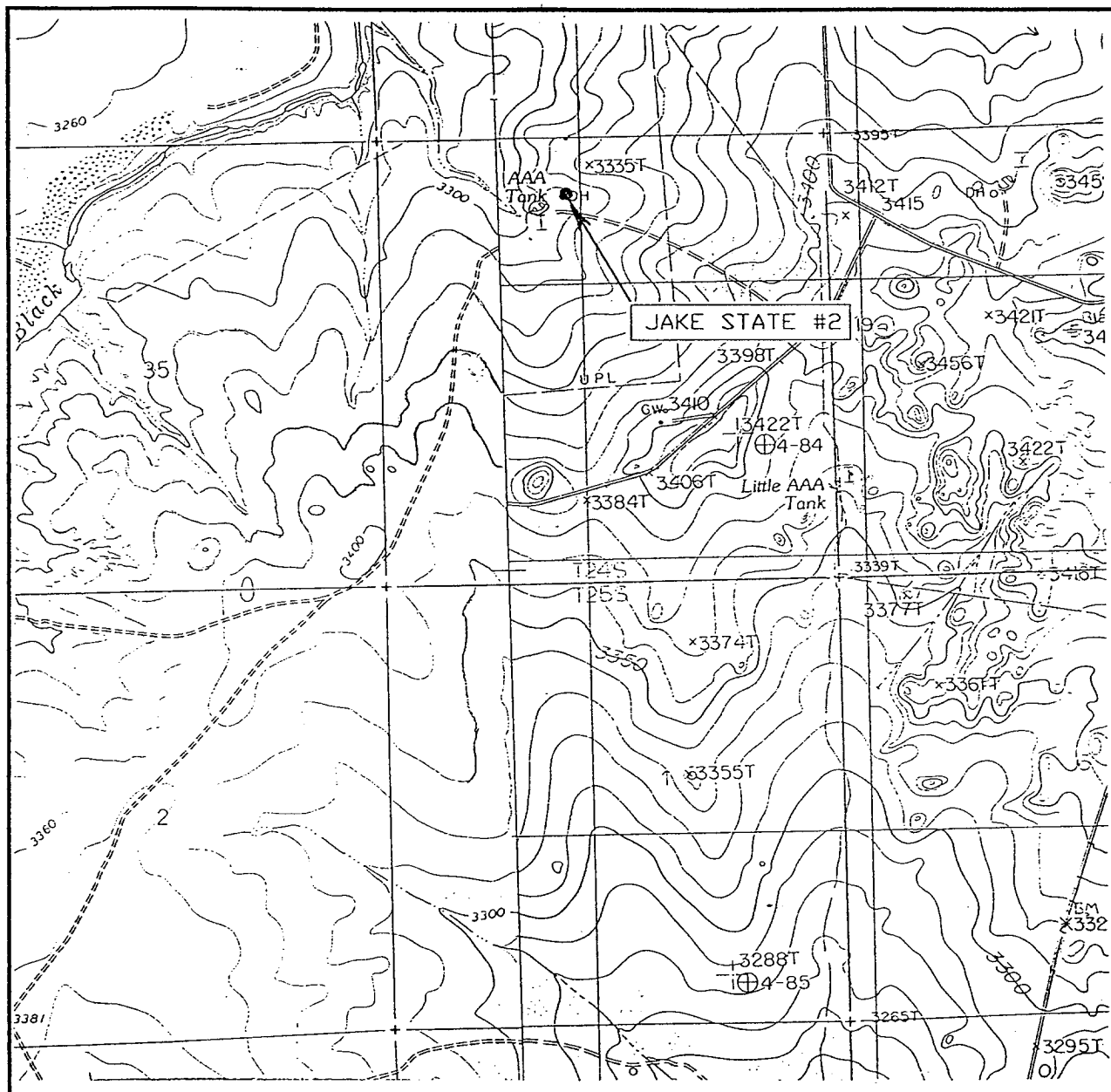
Approved by: ORIGINAL SIGNED BY TIM W. GUM  
DISTRICT II SUPERVISOR

Title:  
Approval Date: MAR 31 2003 Expiration Date: MAR 31 2004

Conditions of Approval:  
Attached ☐ NSL 4851

03.11.0159

Certificate No. RONALD J. EIDSON 3239  
GARY EIDSON 12641

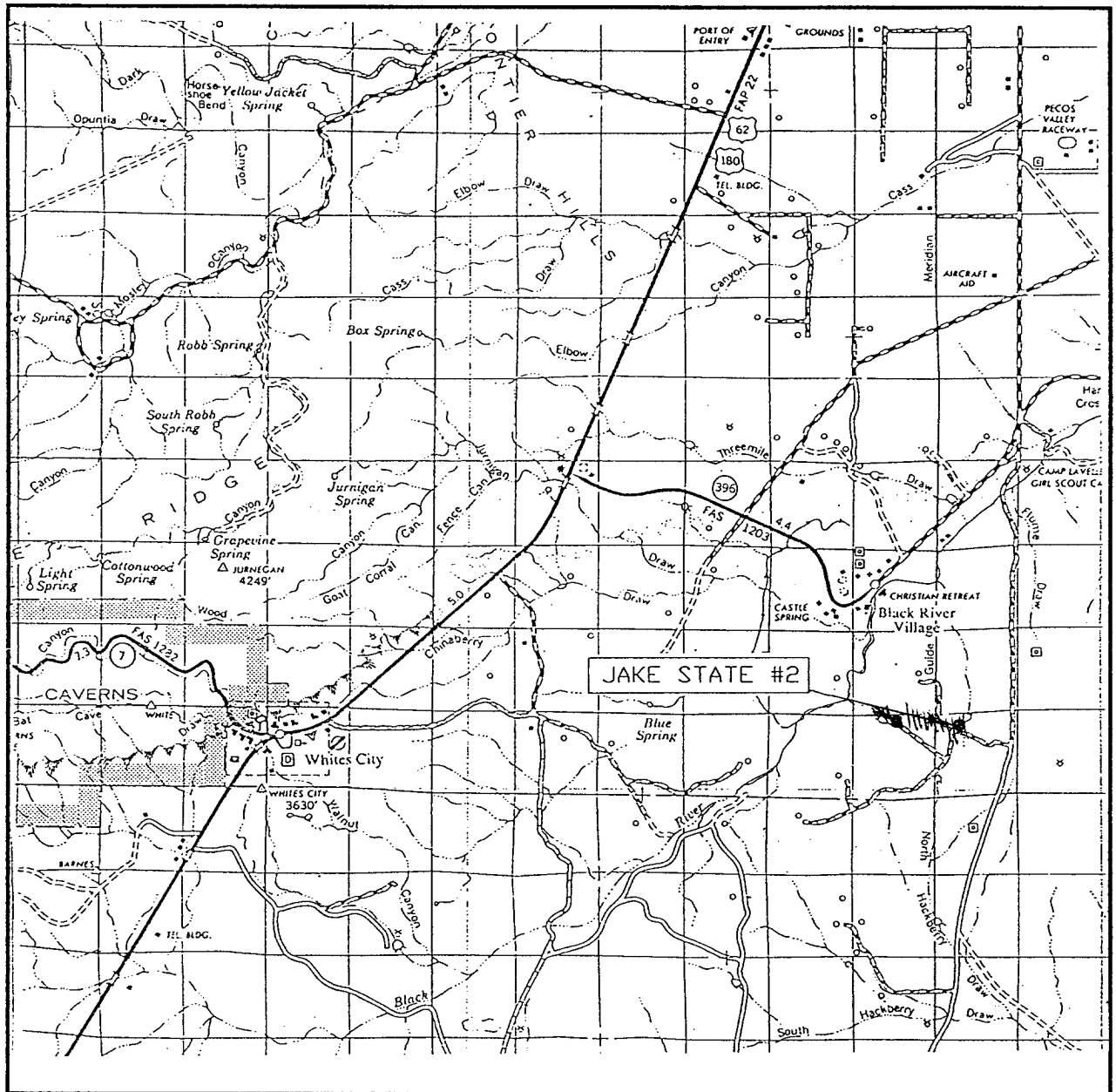


CONTOUR INTERVAL: 10'  
BOND DRAW, N.M.

U.S.G.S. TOPOGRAPHIC MAP  
BOND DRAW, N.M.

JOHN WEST SURVEYING  
HOBBS, NEW MEXICO  
(505) 393-3117

# VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 36 TWP. 24-S RGE. 26-E

SURVEY N.M.P.M.

COUNTY EDDY

DESCRIPTION 678' FNL & 2202' FWL

ELEVATION 3309'

OPERATOR RUBICON OIL AND GAS, LLC

LEASE JAKE STATE

**JOHN WEST SURVEYING**  
**HOBBS, NEW MEXICO**  
**(505) 393-3117**

**March 11, 2003**

**Rubicon Oil & Gas, LLC  
c/o Ramey Petroleum Consultants, Inc.  
303 West Wall – Suite 1005  
Midland, Texas 79701-5112**

**Telefax No. (915) 685-4062**

**Attention: Darol K. Ramey**

***Administrative Order NSL-4851***

Dear Mr. Ramey:

Reference is made to the following: (i) your application submitted to the New Mexico Oil Conservation Division ("Division") on March 10, 2003 (***application reference No. pKRV0-307028689***); and (ii) the Division's records in Santa Fe and Artesia: all concerning Rubicon Oil & Gas, LLC's ("Rubicon") request for an unorthodox Morrow gas well location within a proposed 320-acre standard lay-down gas spacing unit comprising the N/2 of Section 36, Township 24 South, Range 26 East, NMPM, Eddy County, New Mexico, for the Southwest Black River-Morrow Gas Pool (**pool code here**).

This unit is to be dedicated to the plugged and abandoned Jake State Well No. 2 (**API No. 30-015-21520**), located 678 feet from the North line and 2202 feet from the West line (Unit C) of Section 36.

This application has been duly filed under the provisions of Division Rule 104.F, revised by Division Order No. R-11231, issued by the New Mexico Oil Conservation Commission in Case No. 12119 on August 12, 1999.

From the Division's records, Coquina Oil Corporation of Midland, Texas originally drilled this well in 1975 to a total depth of 11,955 feet to test the Pennsylvanian interval for gas production within the N/2 of Section 36. At that time the well's location within the subject 320-acre lay-down gas spacing unit was standard for deep gas production in southeast New Mexico. The Pennsylvanian zone tested dry and the well was plugged and abandoned.

It is our understanding that Rubicon now intends to reenter this well and attempt to obtain commercial production from the Morrow formation

By the authority granted me under the provisions of Division Rule 104.F (2), the above-described unorthodox gas well within the Southwest Black River-Morrow Gas Pool is hereby approved.

Sincerely,

Lori Wrotenbery  
Director

LW/MES/kv

cc: New Mexico Oil Conservation Division - Artesia  
New Mexico State Land Office – Santa Fe