

State of New Mexico  
Energy, Minerals & Natural Resources Department

Revised October 18, 1994

District I  
PO Box 1980, Hobbs, NM 88241-1980  
District II  
811 S. 1st Street, Artesia, NM 88210-2834  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505Instructions on back  
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 Enron Oil & Gas Company P.O. Box 2267 Midland, TX 79702		<sup>2</sup> OGRID Number 7377
<sup>4</sup> Property Code 23706		<sup>3</sup> API Number 30-0 25-34562
<sup>5</sup> Property Name Jackson "3" State Com		<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
B	3	24S	33E		660	North	1980	East	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 1Johnson Ranch  
~~Double X: Wolfcamp, west~~<sup>10</sup> Proposed Pool 2

<sup>11</sup> Work Type Code N	<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 3625'
<sup>16</sup> Multiple N	<sup>17</sup> Proposed Depth 14000	<sup>18</sup> Formation Wolfcamp	<sup>19</sup> Contractor McVay	<sup>20</sup> Spud Date 12/15/99

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

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
14-3/4"	11-3/4 H40	ST&C 42#	650	350	Surface
11"	8-5/8 J55	LT&C 32#	4000	1150	Surface
11"	8-5/8 HCK	LT&C 32#	5000	1150	Surface
7-7/8"	5-1/2 S95/P110	LT&C 17#	13000	1180	4500'
4-3/4"	2-7/8 N80	6.5#	14200	135	12,300'

<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

Propose to drill 14,200' well to test Wolfcamp interval @ 12,150' and 13,300' and test potential Bell Lake pays below Wolfcamp

BOP Diagram Attached

Permit Expires 1 Year From Approval  
Date Unless Drilling Underway<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature:



Printed name: Mike Francis

Phone: (915)686-3714

Title: Agent

Date: 11/18/99

## OIL CONSERVATION DIVISION

Approved by:

ORIGINAL SIGNED BY CHRIS WILL AMS  
DISTRICT I SUPERVISOR

Title:

Approval Date:

NOV 24 1999

Expiration Date:

3  
2  
3Amended APP  
CT  
AMS



District I  
PO Box 1980, Hobbs, NM 88241-1980  
District II  
PO Drawer DD, Artesia, NM 88211-0719  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
PO Box 2088  
Santa Fe, NM 87504-2088

Form C-102  
Revised February 21, 1994  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

'API Number 30-025-34562	'Pool Code <del>76100</del> 79335	'Pool Name Johnson Ranch <del>Double X; Wolfcamp, West</del>
'Property Code 23706	'Property Name JACKSON "3" STATE COM.	'Well Number 2
'OGRID No. 7377	'Operator Name ENRON OIL & GAS COMPANY	'Elevation 3630'



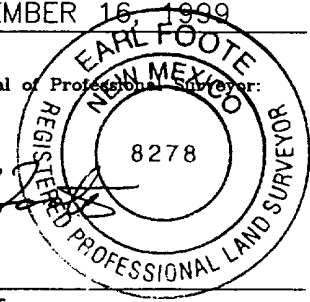
<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	3	24-S	33-E		660	NORTH	1980	EAST	LEA

<sup>11</sup> Bottom Hole Location If Different From Surface

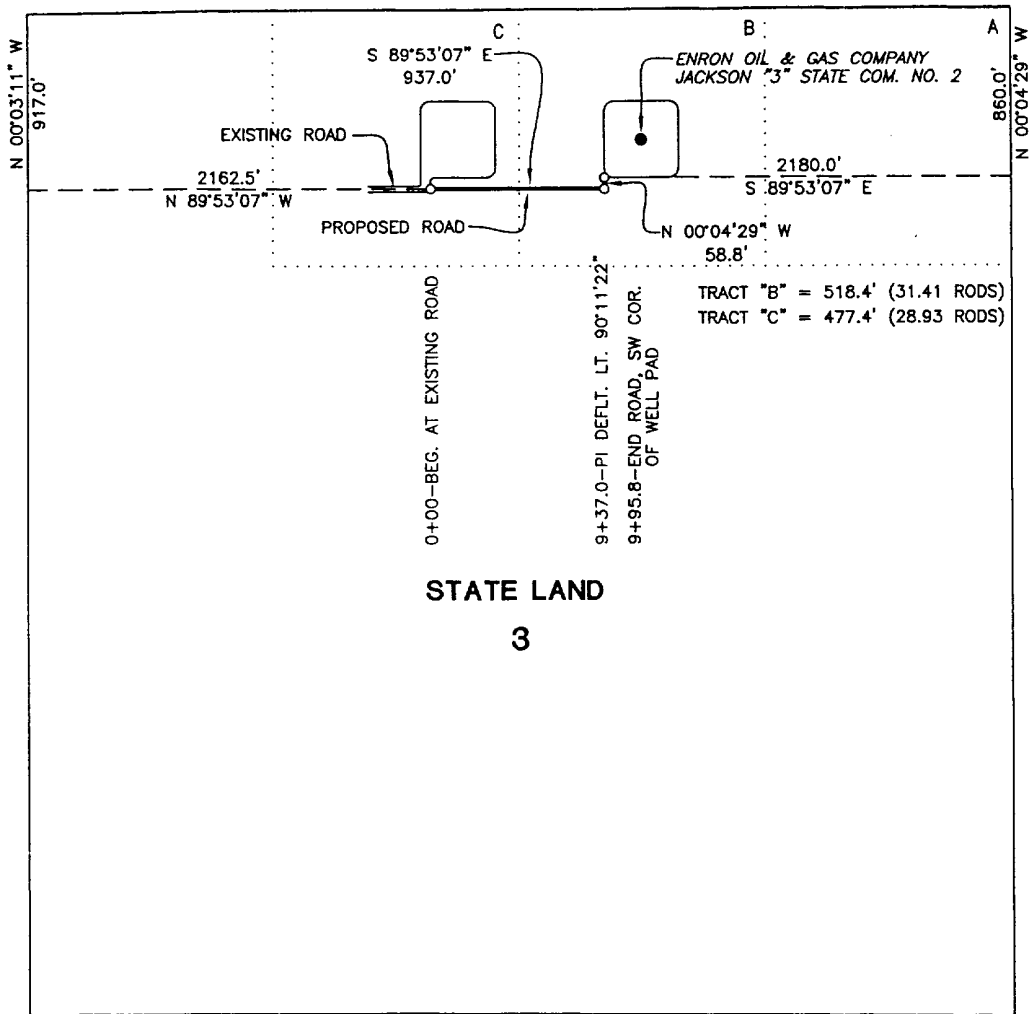
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
'Dedicated Acres 320		'Joint or Infill		'Consolidation Code		'Order No.			

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

<sup>16</sup>  ENRON OIL & GAS COMPANY JACKSON "3" STATE COM. NO. 2 LAT. = 32°15'07.049" LONG. = 103°33'27.276" Y = 456246.945 X = 739823.711 	<sup>17</sup> OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>   Signature Mike Francis Printed Name Agent Title 11/18/99 Date	
	<sup>18</sup> SURVEYOR CERTIFICATION <i>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 best of my belief.</i>  NOVEMBER 16, 1999 Date of Survey Signature and Seal of Professional Surveyor:  Certificate Number 8278	



SECTION 3, TOWNSHIP 24 SOUTH, RANGE 33 EAST, N.M.P.M.  
LEA COUNTY, NEW MEXICO



CENTERLINE DESCRIPTION OF A PROPOSED ROAD:

BEGINNING at a point in an existing road, from which point the northwest corner of Section 3, T-24-S, R-33-E, N.M.P.M., Lea County, New Mexico, bears N 89° 53' 07" W, 2162.5 feet and N 00° 03' 11" W, 917.0 feet;  
THENCE S 89° 53' 07" E, with the centerline of proposed road, 937.0 feet to a point for a bend in this line;  
THENCE N 00° 04' 29" W, with the centerline of proposed road, 58.8 feet to a point in the southwest corner of a well pad for Enron Oil & Gas Company JACKSON "3" STATE COM No. 2, for the end of this road, from which point the northeast corner of said Section 3 bears S 89° 53' 07" E, 2180.0 feet and N 00° 04' 29" W, 860.0 feet.

I hereby certify that this plot was prepared from an actual survey made on the ground and meets or exceeds all requirements for land surveys as specified by the state of New Mexico.

*Earl Foote*



Earl Foote  
Registered Professional Surveyor  
New Mexico Certificate No. 8278

PROPOSED ROAD TO SERVE  
JACKSON "3" STATE COM No. 2

ENRON OIL AND GAS COMPANY

995.8 feet of proposed road in  
Section 3, T-24-S, R-33-E, N.M.P.M.,  
Lea County, New Mexico

WEST TEXAS CONSULTANTS, INC.

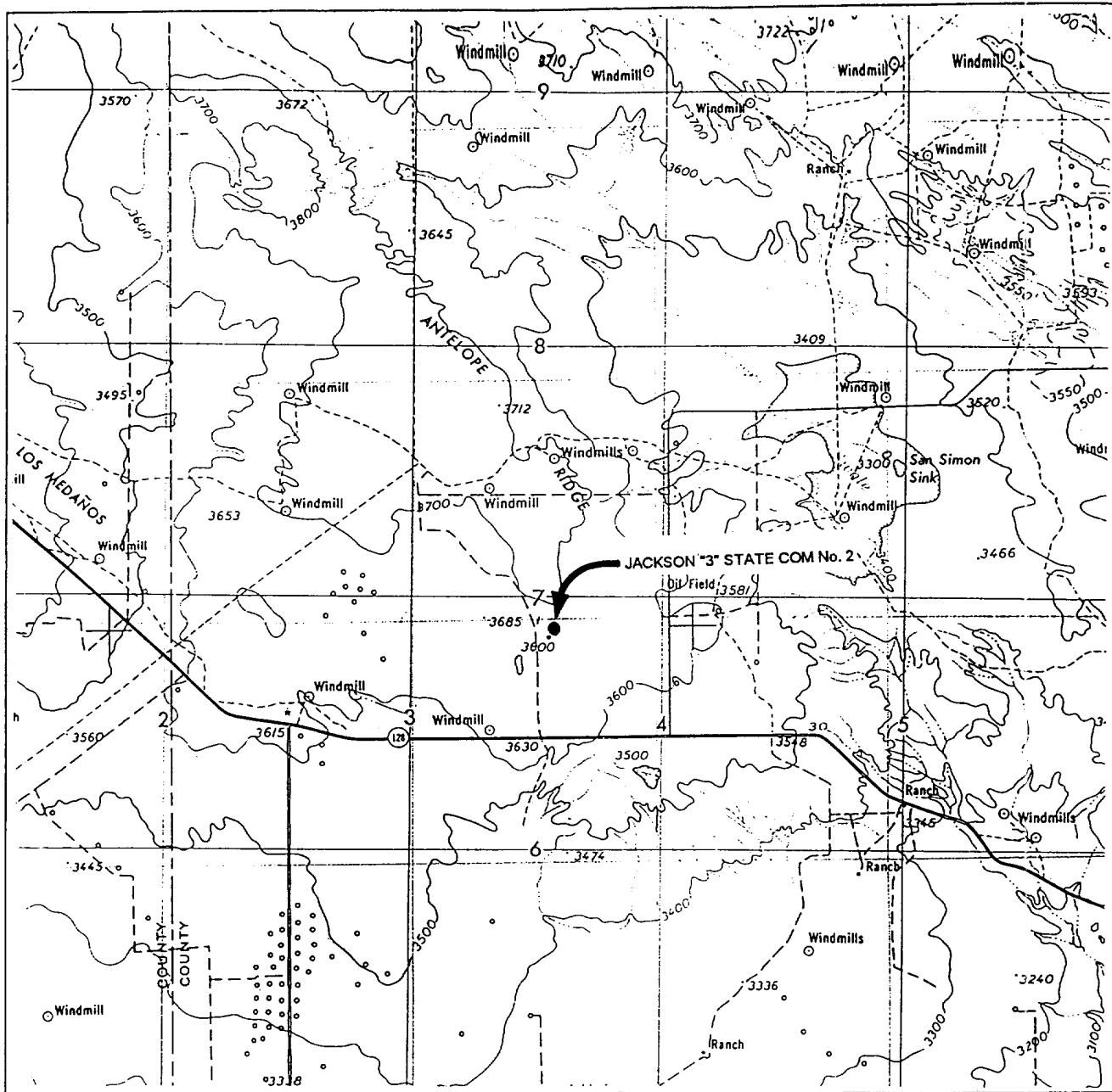
ENGINEERS-PLANNERS-SURVEYORS

MIDLAND, TEXAS

Survey Date: 11-16-99	Date: 11-17-99	Scale: 1" = 1000'
WTC No. 45731	Drawn By: JLE	Sheet 1 of 1



# VICINITY MAP



WTC 45731

SCALE: 1" = 4 MILES

SEC. 3 TWP. 24-S RGE. 33-E

SURVEY N.M.P.M.

COUNTY LEA STATE NM

DESCRIPTION 660' FNL & 1980' FEL

ELEVATION 3630'

OPERATOR ENRON OIL & GAS COMPANY

LEASE JACKSON "3" STATE COM. NO.2

**WEST TEXAS CONSULTANTS, INC.**

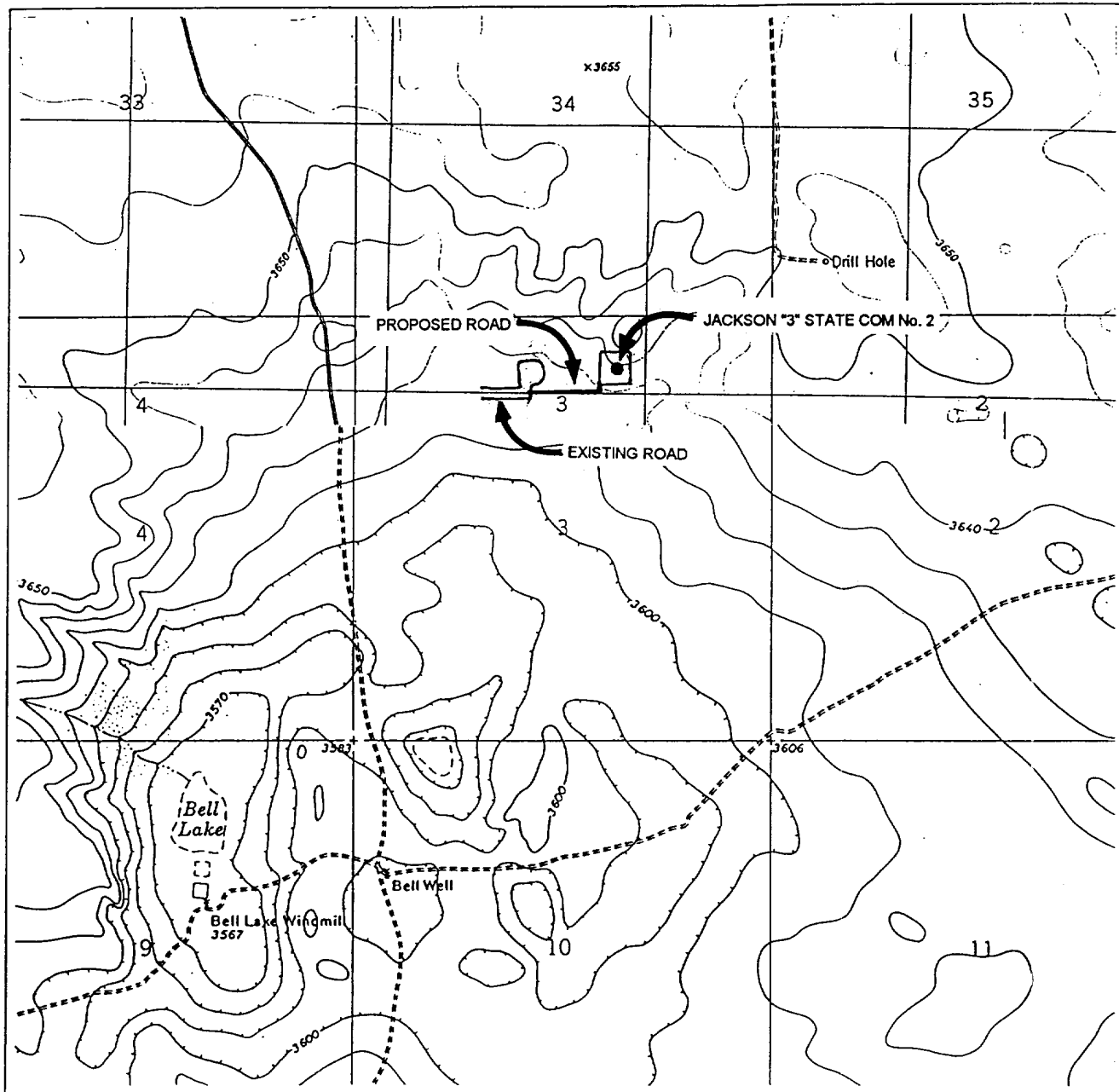
ENGINEERS-PLANNERS-SURVEYORS

MIDLAND, TEXAS

915-685-3800



# LOCATION VERIFICATION MAP



WTC 45731

SCALE: 1" = 2,000'  
CONTOUR INTERVAL=10'

SEC. 3 TWP. 24-S RGE. 33-E

SURVEY N.M.P.M.

COUNTY LEA STATE NM

DESCRIPTION 660' FNL & 1980' FEL

ELEVATION 3630'

OPERATOR ENRON OIL & GAS COMPANY

LEASE JACKSON "3" STATE COM. NO.2

U.S.G.S. TOPO. MAP  
HAT MESA & BELL LAKE, N. MEX.

**WEST TEXAS CONSULTANTS, INC.**

ENGINEERS-PLANNERS-SURVEYORS

MIDLAND, TEXAS

915-685-3800