

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

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 CKG ENERGY PO BOX 1065, TUCUMCARI, NM, 88401		<sup>2</sup> OGRID Number 221076
<sup>3</sup> Property Code 32531		<sup>4</sup> API Number 30-037-20079
<sup>5</sup> Property Name WALKER		<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
N	11	10-N	30-E		900'	SOUTH	800'	EAST	WUAY

<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 WILDCAT					<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 P	<sup>15</sup> Ground Level Elevation 4227'
<sup>16</sup> Multiple N	<sup>17</sup> Proposed Depth 8000'	<sup>18</sup> Formation GRANITE	<sup>19</sup> Contractor UNITED	<sup>20</sup> Spud Date 08-12-03

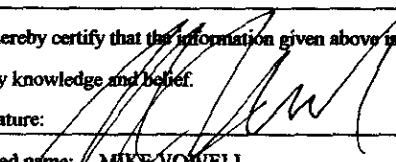
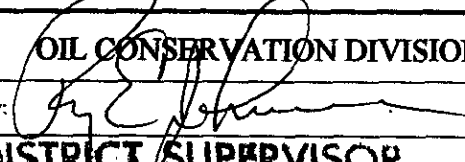
<sup>21</sup> Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17 1/2"	13 3/8"	48#	360'	400sx	CIRCULATE
11"	8 5/8"	32#	3800'	1000 sx	350'
7 7/8"	5 1/2"	17#	8000'	1000 sx	3600'

<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.

OPERATOR PROPOSES TO DRILL 17.5" HOLE TO 350' & SET 13 3/8" CSG. CIRCULATE CEMENT TO SURFACE AND PROTECT FRESH WATER. DRILL OUT W/ CUT BRINE TO +/- 3600' AND SET 8 5/8" CSG TO ISOLATE TH SALT & INTERMEDIATE FORMATIONS. 3000 PSI WP DOUBLE RAM B.O.P.s WILL BE UTILIZED & TESTED DAILY. A 7 7/8" HOLE WILL BE DRILLED TO TOTAL DEPTH, ELECTRIC LOGS RUN & EVALUATED, AND THEN 5 1/2" CSG WILL BE RUN TO T.D. CEMENT WILL BE BROUGHT ABOVE ANY POTENTIAL ZONES. THE WELL WILL BE PERFORATED & STIMULATED FOR COMMERCIAL PRODUCTION. BOP PROGRAM IS ATTACHED

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: 		OIL CONSERVATION DIVISION	
Printed name: MIKE VOWELL		Approved by: 	
Title: AGENT		Title: DISTRICT SUPERVISOR	
Date: 06-22-03		Approval Date: 8/15/03	Expiration Date: 8/15/04
Phone: (505) 365 - 7682		Conditions of Approval: Attached <input type="checkbox"/>	

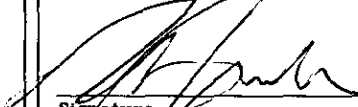
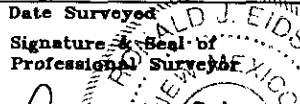
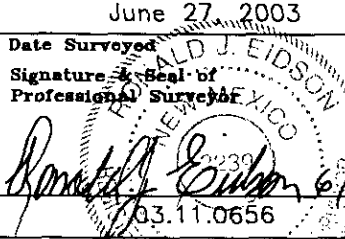
COLLECT AND SACK SAMPLES FOR  
NEW MEXICO BUREAU OF MINES, SOCORRO  
AT AT LEAST TEN FOOT INTERVALS

☐ AMENDED REPORT

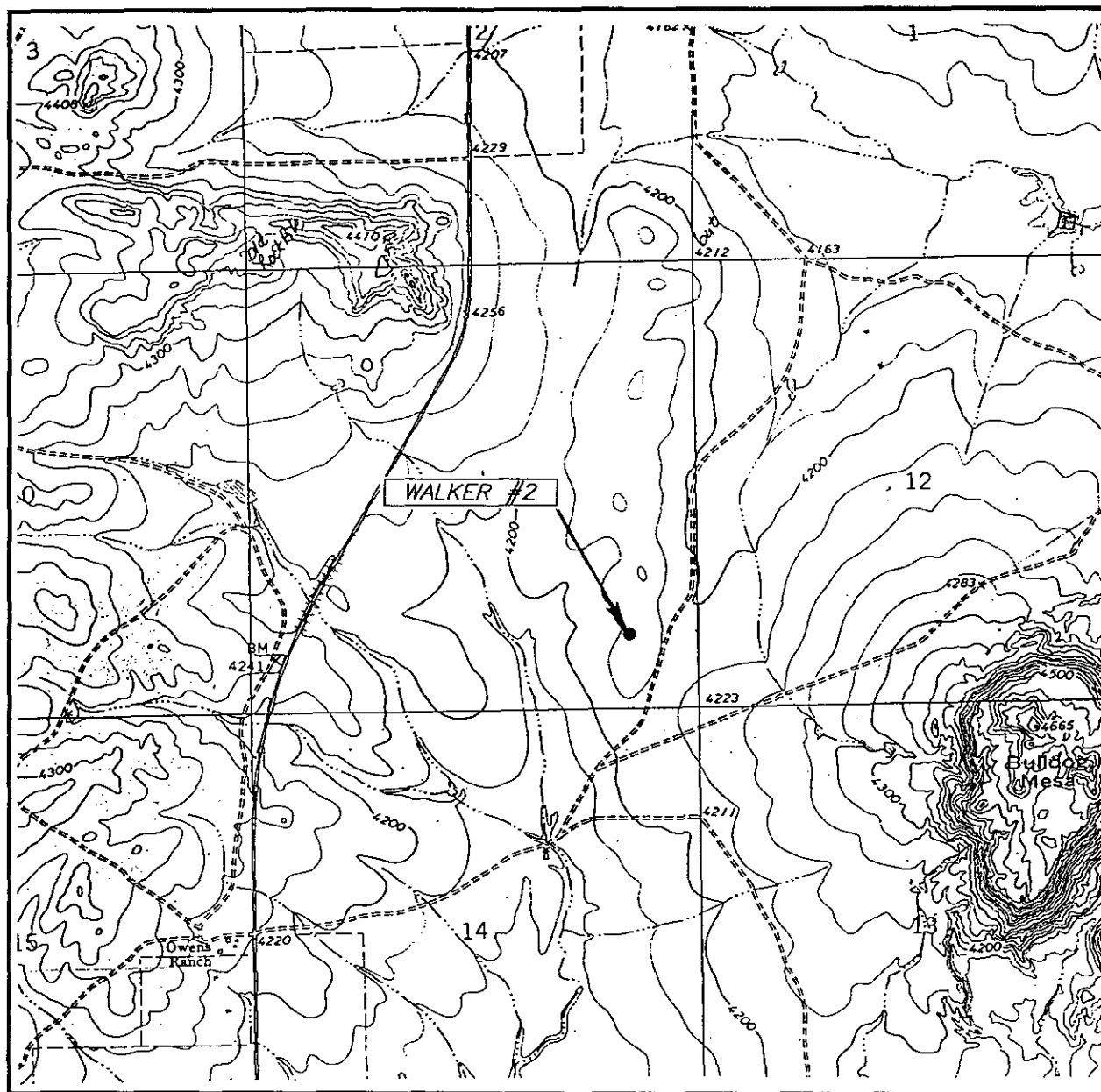
### Surface Location

## Bottom Hole Location If Different From Surface

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><b>OPERATOR CERTIFICATION</b></p> <p><i>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</i></p> <p>  Signature</p> <p>MIKE VOWELL  Printed Name</p> <p>AGENT  Title</p> <p>8-08-03  Date</p>
					<p><b>SURVEYOR CERTIFICATION</b></p> <p><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 the best of my belief.</i></p> <p>June 27, 2003</p> <p>Date Surveyed</p> <p>  Signature &amp; Seal of Professional Surveyor</p> <p>AWB</p> <p></p> <p>03.11.0656</p> <p>Certificate No. RONALD J. EIDSON 3239  GARY EIDSON 12641</p>
					<p>GEODETTIC COORDINATES</p> <p>NAD 27 NMEZ  Y= 1492841.7 N  X= 682846.2 E  LAT. 35°06'06.19"N  LONG. 103°43'19.33"W</p>
					<p>800'</p> <p>900'</p>

# LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL: 20'  
BULLDOG MESA, N.M.

SEC. 11 TWP. 10-N RGE. 30-E

SURVEY N.M.P.M.

COUNTY QUAY

DESCRIPTION 900' FSL & 800' FWL

ELEVATION 4227'

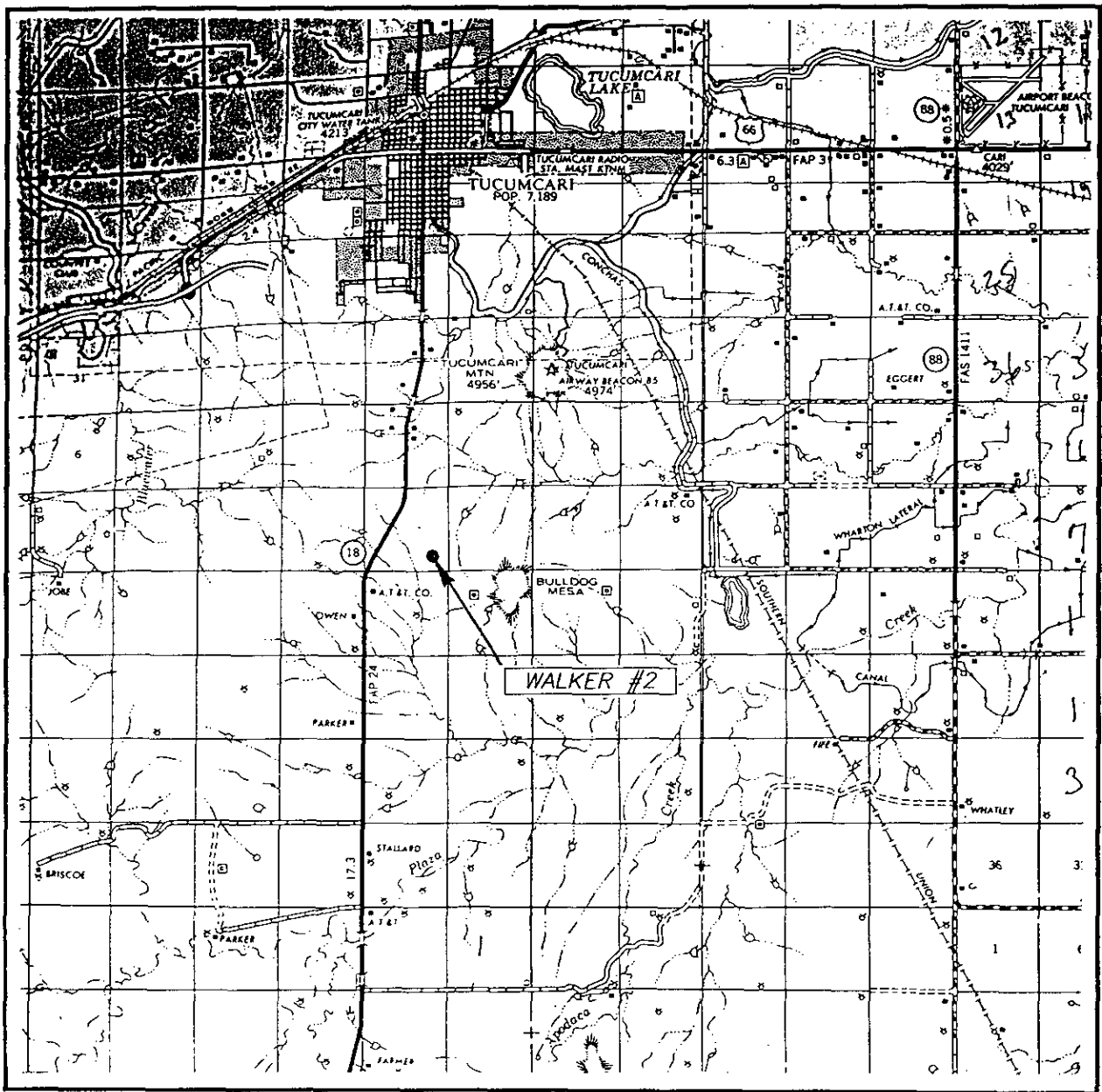
OPERATOR CKG ENERGY

LEASE WALKER

U.S.G.S. TOPOGRAPHIC MAP  
BULLDOG MESA, N.M.

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

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 11 TWP. 10-N RGE. 30-E  
SURVEY N.M.P.M.  
COUNTY QUAY  
DESCRIPTION 900' FSL & 800' FWL  
ELEVATION 4227'  
OPERATOR CKG ENERGY  
LEASE WALKER

JOHN WEST SURVEYING  
HOBBS, NEW MEXICO  
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