

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Form approved  
Budget Bureau No. 1004-0136  
Expires August 31, 1985

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

Ia. TYPE OF WORK:

DRILL ☒ DEEPEN ☐ PLUG BACK ☐

b. TYPE OF WELL:

OIL ☐ GAS ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☒  
WELL ☐ WELL ☒ OTHER ☐

2. NAME OF OPERATOR

CAULKINS OIL COMPANY

3. ADDRESS OF OPERATOR

P.O. BOX 340

BLOOMFIELD, NM 87413

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface

At proposed prod. zone 1650' F/S 1650' F/W (UNIT K)

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POSTOFFICE\*

40 miles southeast of Blanco, NM Post Office

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST PROPERTY  
OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

990'

16. NO. OF ACRES IN LEASE

1920 acres

17. NO. OF ACRES ASSIGNED TO THIS WELL

West - 320

18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

860'

19. PROPOSED DEPTH

7550'

20. ROTARY OR CABLE TOOLS

ROTARY

21. ELEVATIONS (Show Whether DF, RT, GR, etc.)

6694'

22. APPROX. DATE WORK WILL START\*

April 1, 2000

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	9 5/8"	36#	350'	154 sacks (175 cu. ft.)
7 7/8"	5 1/2"	15.5# & 17#	7550'	1163 sacks (1887 cu. ft.)

EXHIBITS attached as follows

"A" Location and Elevation Plat

"F" Drill Rig Layout

"B" Ten-Point Compliance Program

"G" Production Facility Schematic

"C" Blowout Preventer Schematic

"H" Acreage Dedication Plat

"D" Multi-Point Requirements for APD

"I" Archaeological Report

"E" Vicinity Maps - Access Roads

"J" Williams Field Services' Pipeline Plat

This action is subject to technical and  
procedural review pursuant to 43 CFR 3165.3  
and appeal pursuant to 43 CFR 3165.4.

DRILLING OPERATIONS AUTHORIZED ARE  
SUBJECT TO COMPLIANCE WITH ATTACHED  
"GENERAL REQUIREMENTS".

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program if any:

24.

SIGNED

Robert L. Vergara

TITLE

SUPERINTENDENT

DATE

January 24, 2000

PERMIT NO.

APPROVED BY

David S. Schrock

TITLE

DATE

MAR 20 2000

DISTRICT I  
P.O. Box 1802, Hobbs, N.M. 88241-1802

State of New Mexico  
Energy, Minerals & Natural Resources Department

Form C-102

Revised February 21, 1994

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

Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

DISTRICT III  
1900 Rio Grande Rd., Aztec, N.M. 87410

OIL CONSERVATION DIVISION

P.O. Box 2088  
Santa Fe, NM 87504-2088

DISTRICT IV  
P.O. Box 2088, Santa Fe, NM 87504-2088

☐ AMENDED REPORT

EXHIBIT "I"

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-039-26349	Pool Code	Pool Name
Property Code 2462	Property Name REUTER	Well Number 344E
OCRD No. 3824	Operator Name CAULKINS OIL COMPANY	Elevation 6694'

10 Surface Location

UL or lot no.	Section	Township	Range	Lot 14n	Feet from the	North/South line	Feet from the	East/West line	County
K	22	26-N	S-W		1650	SOUTH	1650	WEST	RIO ARriba

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot 14n	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres	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

16					17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Signature _____ Printed Name _____ Title _____ Date _____
B.L.M. 1954		22			18 SURVEYOR CERTIFICATION 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 knowledge and belief.  Date of Survey 12-6-88 Signature and Seal of Professional Surveyor: [Signature] [Seal: NEW MEXICO PROFESSIONAL LAND SURVEYOR, 88294] Certificate Number 8894
2631.80'	1850'				
N 00-11-11 W	1650'				
S.L.M. 1957	N 89-29-22 E	2641.48'			

## EXHIBIT "H"

District I  
PO Box 1980, Hobbs, NM 88241-1980  
District II  
811 South First, Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

Form C-102  
Revised October 18, 1994  
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070 PATENT, 1999

☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-039-26349	<sup>2</sup> Pool Code 71599	<sup>3</sup> Pool Name BASIN DAKOTA
<sup>4</sup> Property Code 2462	<sup>5</sup> Property Name Reuter	<sup>6</sup> Well Number 344-E
<sup>7</sup> OGRID No. 003824	<sup>8</sup> Operator Name Caulkins Oil Company	<sup>9</sup> Elevation 6694 GL

<sup>10</sup> Surface Location

UL or lot no. K	Section 22	Township 26N	Range 6W	Lot Idn	Feet from the 1650'	North/South line South	Feet from the 1650'	East/West line West	County Rio Arriba
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<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
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<sup>12</sup> Dedicated Acres 320	<sup>13</sup> Joint or Infill Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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<sup>16</sup> 	<sup>17</sup> OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief	
	Signature <u>Robert L. Verquer</u> Printed Name <u>Robert L. Verquer</u> Title <u>Superintendent</u> Date <u>December 7, 1999</u>	
	<sup>18</sup> SURVEYOR CERTIFICATION 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 knowledge and belief. Date of Survey _____	
	Signature and Seal of Professional Surveyor: _____ Certificate Number _____	

## EXHIBIT "H"

District I  
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District II  
811 South First, Artesia, NM 88210  
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## WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30039-76349		<sup>2</sup> Pool Code 72319	<sup>3</sup> Pool Name MESA VERDE
<sup>4</sup> Property Code 2462	<sup>5</sup> Property Name Reuter		<sup>6</sup> Well Number 344-E
<sup>7</sup> OGRID No. 003824	<sup>8</sup> Operator Name Caulkins Oil Company		<sup>9</sup> Elevation 6694 GL

<sup>10</sup> Surface Location

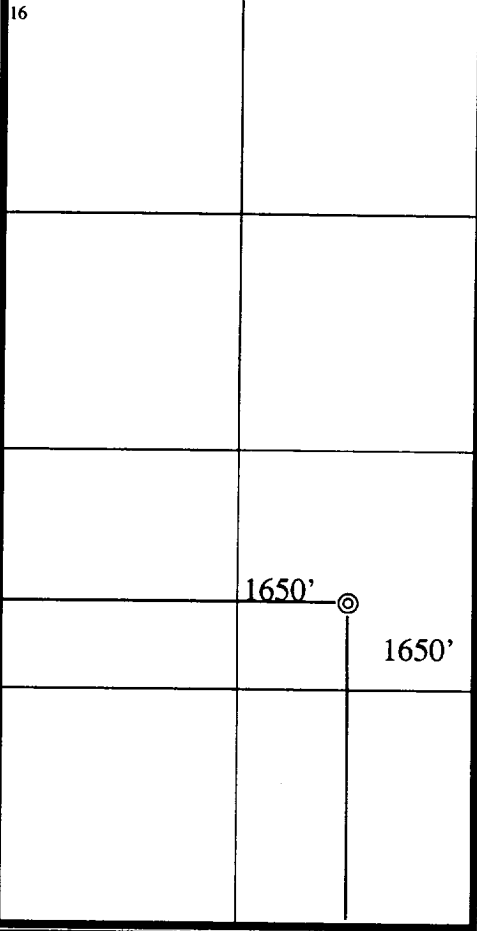
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	22	26N	6W		1650'	South	1650'	West	Rio Arriba

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

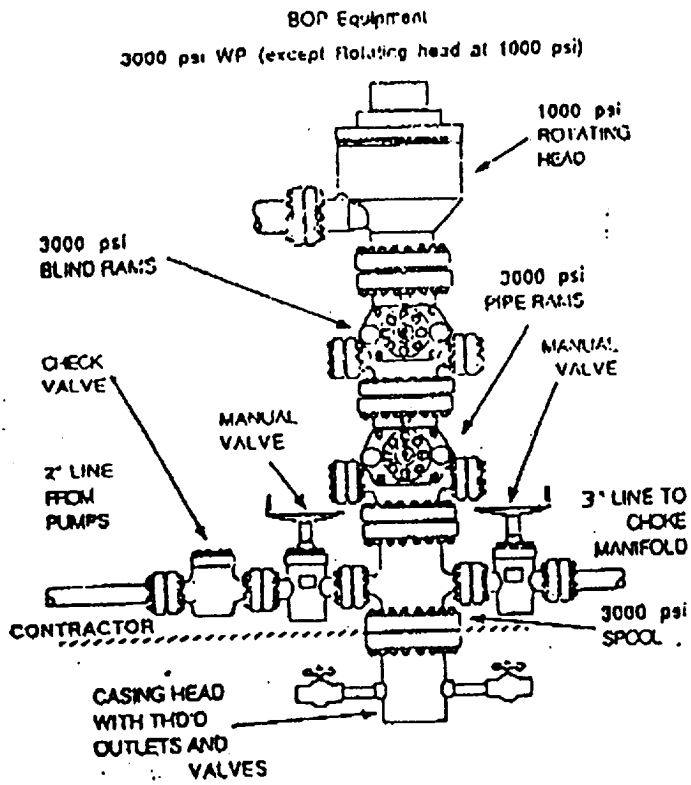
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

<sup>12</sup> Dedicated Acres 320	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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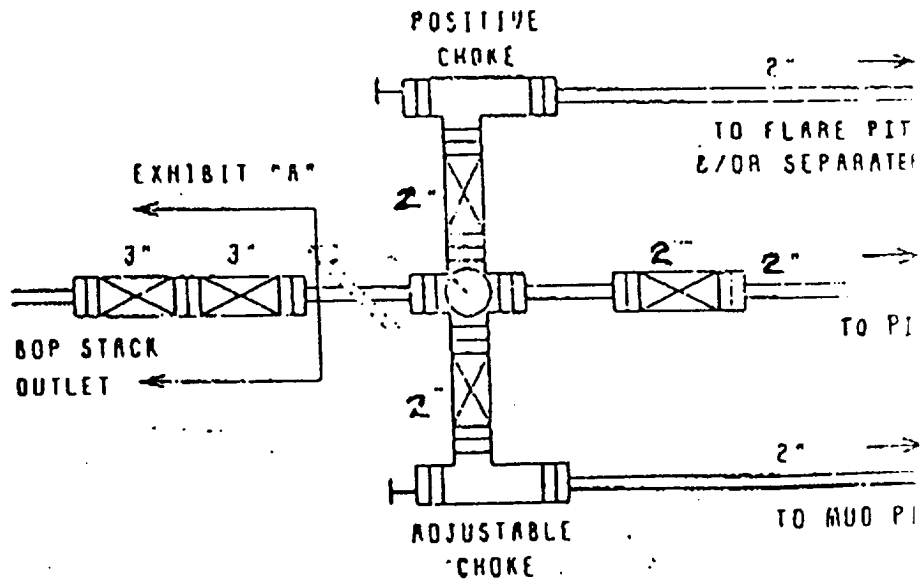
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

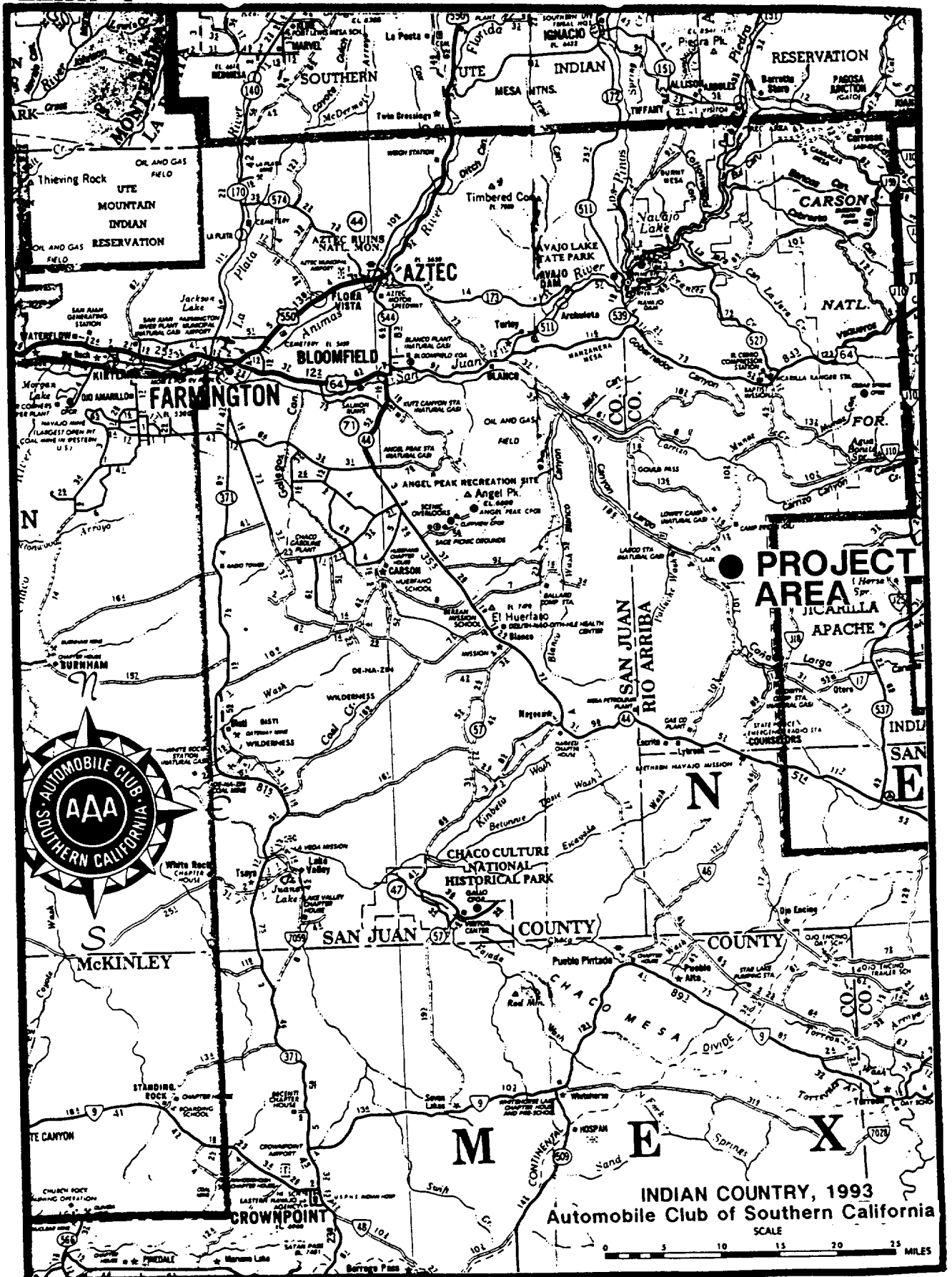
<div data-bbox="77 1059 105 1081">16</div> 	<div data-bbox="1047 1053 1502 1095"><sup>17</sup> OPERATOR CERTIFICATION</div> <div data-bbox="1031 1095 1518 1159">I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</div> <div data-bbox="1031 1287 1518 1351">Signature <i>Robert L. Verquer</i></div> <div data-bbox="1031 1351 1518 1393">Printed Name Robert L. Verquer</div> <div data-bbox="1031 1393 1518 1457">Title Superintendent</div> <div data-bbox="1031 1457 1518 1521">Date December 7, 1999</div>	
	<div data-bbox="1047 1521 1502 1564"><sup>18</sup> SURVEYOR CERTIFICATION</div> <div data-bbox="1031 1564 1518 1713">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 knowledge and belief.</div> <div data-bbox="1031 1713 1518 1755">Date of Survey</div> <div data-bbox="1031 1755 1518 1798">Signature and Seal of Professional Surveyor:</div> <div data-bbox="1096 1968 1258 2000">Certificate Number</div>	

# EXHIBIT "C"



# EXHIBIT "B" CHOKE MANIFOLD





### VICINITY MAP

