

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

¹ Operator Name and Address Koch Exploration Company P.O. Box 489 Aztec, New Mexico 87410		² OGRID Number 12807
³ Property Code 5456		⁴ API Number 30045-30382
⁵ Property Name Carle		⁶ Well No. 1B

⁷ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	20	30N	11W		1955 1995	North	930'	West	San Juan

⁸ 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
⁹ Proposed Pool 1 Blanco Mesa Verde					¹⁰ Proposed Pool 2				

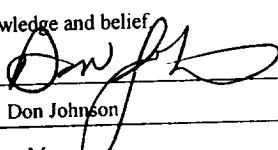
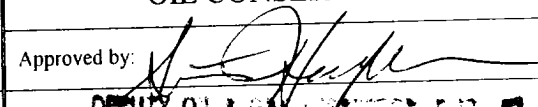
¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary R	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 5,670' GR
¹⁶ Multiple N	¹⁷ Proposed Depth 4,800' MD	¹⁸ Formation Mesa Verde	¹⁹ Contractor	²⁰ Spud Date Upon Approval

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12 1/4"	9 5/8" J-55	36#	220' +/-	130	Surface
8 3/4"	7" J-55	23#	2,400' +/-	295	Surface
6 1/4"	4 1/2" J-55	10.5#	2,300' - 4,800'	240	2300'

- ²² 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.
- Set new or tested 9-5/8" J-55 36# casing @ 220' +/- . Cement to surface. WOC 12 hrs. Test casing to 1000 psi before drilling out from under shoe.
 - Drill 8-3/4" hole w/ 9.2 PPG mud to 2400' +/- . Set 7" J-55 23# casing with enough cement to circulate to surface.
 - Drill 6-1/4" production hole w/ air to TD (4800' +/-) . Set 4-1/2" J-55 10.5# production liner or DP with enough cement to circulate from 4800' to 2300' .
 - 3000# double ram BOPs will be installed. For well control pipe rams utilized for when pipe is in the hole and blind rams for when pipe is out of hole. Well head will consist of 11"x9-5/8", 11"x7" (2), 7"x2-3/8", 2-3/8" MV, B1 adapter flange w/ 2-3/8" threads + threaded tee & wing valve.

(See Attachments for further details)

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.		OIL CONSERVATION DIVISION	
Signature: 		Approved by: 	
Printed name: Don Johnson		Title: DEPUTY OIL & GAS INSPECTOR	
Title: Operations Manager		Approval Date: 10-3-00	Expiration: OCT 3 2001
Date: 9/20/00	Phone: (505) 334-9111	Conditions of Approval:	
		Attached <input type="checkbox"/>	

District I
 PO Box 1980, Hobbs, NM 88241-1980
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 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

Form C-102
 Revised October 18, 1994

OIL CONSERVATION DIVISION
 2040 South Pacheco
 Santa Fe, NM 87505

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 30045-30382		Pool Code 72319	Pool Name Blanca Mesa Verde
Property Code 5656	Property Name CARLE		Well Number 1B
GRID No. 12807	Operator Name KOCH EXPLORATION CO.		Elevation 5670'

Surface Location

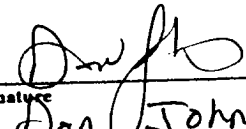
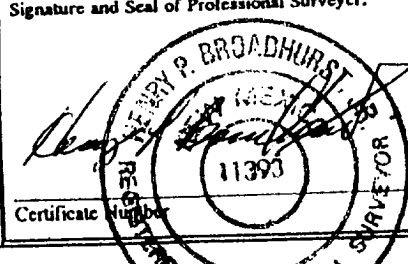
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	20	30N	11W		930'	NORTH	930'	WEST	SAN JUAN

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 315.05 NA	Joint or Infill I	Consolidation Code	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

16 589°30'E 2639.34' N00°43'E 930' 1955' 2622.18' N00°02'W N89°24'W	2621.5'	N89°33'E	2537.70'	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 Don Johnson Title Operations Manager Date 10/3/00
	3	2	1	
	6	5	4	
7	8	N89°40'W	2665.08'	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 belief. Date of Survey 08/30/00 Signature and Seal of Professional Surveyor:  Certificate Number

KOCH EXPLORATION CO.
CARLE #1B

1955' FNL, 930' FWL
NW/4 SEC. 20, T-30-N, R-11-W, N.M.P.M.,
SAN JUAN COUNTY, NEW MEXICO
GROUND LEVEL ELEVATION: 5670

