## State of New Mexico Energy, Minerals & Natural Resources

District\_I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. 1st Street, Artesia, NM 88210 District III

Oil Conservation Divsiion O

Submit to appropriate District Office

State Lease - 6 Copies

AMENDED REPORT  APPLICATION FOR PERMIT TO DRILL, RF-ENTER DEPEN, PLUGBACK, OR ADD A ZONE  Operator Name and Address  Operator Name  Operator Name and Address  Operator Name and Address  Operator Name  Operator Name and Address  Operator Name and Address  Operator Name and Address  Operator Name and Address  Operator Name  Operator Name  Operator Name  Operator Name and Address  Operator Name  Ope	1000 Rio Brazos Rd., Aztec, NM 87410				2040 South Pacheco							
APPLICATION FOR PERMIT TO DRILL, RE-ENTER DEPPN, PLUGBACK, OR ADD A ZONE  **Operator Name and Address**  **Operator Name**  **Operator N	2040 South Pachec	o, Santa Fe,	NM 87505		i	Santa Fe, N	M 87505				NIDED DEDODT	
ENERGEN RESOURCES CORPORATION 2198 Bloomfield Highway  Property Name Carson Sw0  Township D 26 30N 4W Feet from the Super Richard Rich	()						\$-25°	W. 3		AME	NDED REPORT	
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Section   Township   Rampe   Lot. Idan   Peet from the   Base   North South Line   Peet from the   Base   North   Township   Rampe   Lot. Idan   Peet from the   North South Line   Peet from the   Base   North   Township   Rampe   Lot. Idan   Peet from the   North South Line   Peet from the   Base   Rio Arriba	Onerator Name and Address CORID Number											
2198 Bloomfield Highway  3 Property Name Carson Skill  1 Carte for on.  1 Ut. re for on.  2 Section Township B 2 6 30N 4 Range Lot. Idn Feet from the North-South Line North-South Line North-South Line North-South Line Peet from the North-South Line Rease Vest line County West Rio Arriba  8 Proposed Bottom Hole Location If Different From Surface U.E. or be on. Section Township Morrison/Bluff/FATTALL  1 Work Type Code Drill Bisposal Rotary 1 Proposed Level Elevation Drill Phathaph Proposed Pool I Proposed Rotary Rota	•										45.49	
Carson Sk0   Section   Townshap   Range   Lot. Idn   Feet from the   Dast   Section   Townshap   Range   Lot. Idn   Feet from the   Dast   Section   Townshap   Range   Lot. Idn   Feet from the   North-South Line   Feet from the   Morth   South Line   Range   West   Rio Arriba												
Township   Runge   Lot. Idn   Feet from the   Bast West line   Country										<sup>6</sup> Well No.		
Township   Range   Lot. Idn   Feet from the   Roy   North-South Line   Feet from the   Feet from the   Roy   Rio Arriba	290	091_							<u> </u>	<del>-</del>		
Section   Township   Sample   18   18   18   18   18   18   18   1		Surface									County	
**Proposed Bottom Hole Location If Different From Surface  U.L. or lot no. Section Township Range Lot. Idn Feet from the North/South Line Feet from the East-West fine County  **Proposed Pool 1  **Proposed Pool 2  **Proposed Pool 1  **Proposed Pool 2  **Proposed Pool 3  **Proposed Pool 2  **Proposed Pool 2  **Proposed Pool 3  **Proposed Pool 2  **Proposed Pool 3  **Propose	UL or lot no.	Section	Township	Range	Lot. Idn					ļ	· ·	
Proposed Pool 1  Work Type Code Drill 19 Proposed Pool 1  Work Type Code Drill 19 Proposed Pool 2  Well Type Code Drill 19 Proposed Pool 1  Proposed Pool 2  Well Type Code Drill 19 Proposed Pool 2  Proposed Code Drill 19 Proposed Pool 2  Proposed Code Drill 19 Proposed Pool 2  Proposed Code Rotary Fee 7305  Fee 7305  Fee 7305  Proposed Code Rotary Fee 7305  Fee Proposed Code Rotary Fee Proposed Proposed Proposed Proposed Proposed Rotary 19 Proposed Casing and Cement Program  Hole Size Casing Size Casing weight/fool Setting Depth Sacks of Cement Estimated TOC  12 1/4 9 5/8 36# J-55 600' 295 cu ft Circ to Surface  8 3/4 7 7/8 5 1/2 17# K-55, N-80 9350' 2989 cu ft Circ Code Rotary 19 Proposed	D	26							<del></del>	West	R10 Arriba	
"Proposed Pool 1  SWO: Morrison/Bluff/Extwo.  11 Work Type Code Drill Disposal Rotary Fee Type Code Type Code Type Code Type Code Drill Disposal Rotary Fee Type Code Type Cod	<sup>8</sup> Proposed Bottom Hole Location If Different From Surface											
Morrison/Bluff / Extract    Swl    Morrison/Bluff / Extract    11 Work Type Code	UL or lot no.	UL or lot no. Section To		Range Lot. Idn		Feet from th	ne North/So	outh Line	Feet from the East/West lin		County	
Morrison/Bluff / Extract    Swl    Morrison/Bluff / Extract    11 Work Type Code	10 Pro											
Till Work Type Code	Proposed Pool 1											
Orill Disposal Rotary Fee 7305'  Proposed Depth 17 Proposed Depth 18 Formation 19 Contractor 12 20 Spoud Date 12 /1/01  Proposed Casing and Cement Program  Casing weight/foot Setting Depth Sacks of Cement Estimated TOC 12 1/4 9 5/8 36# J-55 600' 295 cu ft Circ to Surface 8 3/4 7 7/8 5 1/2 17# K-55.N-80 9350' 2989 cu ft Circ3 stage  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.  An 11" 3000# minimum double gate BOP stack will be used with a 2" 3000# choke manifold. Possible disposal zones will be Bluff. Morrison, and a secondary target of the Lower Dakota.  23 I hereby cerefy that the information given above is true and complete to the best of my knowledge and tauter. Signature: Approved by: A	SWO: Morrison/Bluff/Extrada											
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10 Multiple No   17 Proposed Depth   18 Formation   19 Contractor   29 Spad Date   12/1/01			1	· · · · · · · · · · · · · · · · · · ·						7305'		
No   9350   Bluff   Key Energy   12/1701			1	·		18 Forma	ation	!			1	
Hole Size  Casing Size  Casing weight/foot  Setting Depth  Sacks of Cement  Estimated TOC  12 1/4  9 5/8  36# J-55  600' 295 cu ft  Circ to Surface  8 3/4 7 7/8  5 1/2  17# K-55, N-80  9350' 2989 cu ft  Circ3 stage  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.  An 11" 3000# minimum double gate BOP stack will be used with a 2" 3000# choke manifold. Possible disposal zones will be Bluff, Morrison, and a secondary target of the Lower Dakota.  23 I hereby certify that the information given above is true and complete to the best of my knowledge and bulkf.  Signature:  District Superintendent  Date:  Phone:  Conditions of Approval:	DILLES   Voy Energy   12/1										2/1/01	
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Printed name: Gary W. Brink  Title: District Superintendent  Date: Phone: Title: Conditions of Approval:							Approved by: Augh					
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11/16/01 505-325-6800 Attached	i				505-325-6800			Attached				

Form C-102 State of New Mexico District I Revised February 21, 1994 PO Box 1980, Hobbs, NM 88241-1980 Energy, Minerals & Natural Resources Department Instructions on back Submit to Appropriate District Office District II PO Drawer DD. Artesia, NM 88211-0719 State Lease - 4 Copies Fee Lease - 3 Copies OIL CONSERVATION DIXISION NOV 2001 PO Box 2088 (~) District III Santa Fe, NM 87504-208 1000 Rio Brazos Rd., Aztec, NM 87410 AMENDED REPORT District IV PO Box 2088, Santa Fe, NM 87504-2088 WELL LOCATION AND ACREAGE DEDICATION PLAT Pool Name Pool Code 'API Number JUD Bluff/Morrison / Entrada 30-039-26868 Property Name \*Well Number Property Code 1 CARSON SWD Elevation \*Operator Name OGRID No. 7305 ENERGEN RESOURCES CORPORATION 162928 <sup>10</sup> Surface Location County East/West line Feet from the North/South line Feet from the Lat Idn Range UL or lot no Section Township RIO WEST 705 895 NORTH 30N 4W  $\Box$ 26 ARRIBA From Surface If Different <sup>11</sup> Bottom Hole Location County North/South line Feet from the East/West line Township Fange Feet from the UL or lot no Section 13 Joint or Infill 14 Consolidation Code <sup>15</sup> Order No 12 Dedicated Acres 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 " OPERATOR CERTIFICATION 16 5282.64 I hereby centify that the information contained herein is true and complete to the best of my knowledge and belief 895 LOT LOT I Sow 705 Signature Don Graham Printed Name Production Superintendant Title 11-15-01 LOT 4 LOT Date 3 \*SURVEYOR CERTIFICATION H.E.S. 289 00 I hereby certify that the well location snown 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 Õ 0 80 128( Survey Date: NOVEMBER 1, 2001 LOT 6 Signature and Seal of Professional Surveyor LOT 5 SON C. EDWARD LOT 8 MEXTS ZEW LOT SAMEYOR APESISTER PROFESSIONAL

LOT 10

331.98

EDWARD.

Certificate Number

H.E.S. 284

2383.92

LOT 9

1244.10

1320.00