ALLELLIE TOWASION ALLELLIE TO THE STATE OF T

PEAK CONSULTING SERVICE 601 W. Illinois Hobbs, NM 88240 505-392-2236

January 31, 1992

Mr. David Catanach Oil Conservation Division P.O. Box 2088 Santa Fe, NM 87504-2088

Dear Sir:

Please find enclosed Circle Ridge Production, Inc.'s application to convert well No. 11 Unit K, Sect. 26, T 13 S., R 31 E., Chaves Co., NM, to injection.

The land owner and offset operator have been notified by certified mail. I shall forward the proof of publication as soon as a copy is received back from the Roswell paper.

Please let me know when this application has been received so testing of well can be conducted as per our conversation.

If you have any questions about application, please contact James Davis at 505-676-2130, Circle Ridge's Production Supt., or myself at the number listed above. I thank you for your help and appreciate your cooperation.

Sincerely,

Eddie W. Seay

Elder W Sean

Agent

enclosures

of the earlier submittal.

POST OFFICE BOX 2088 STATE LAND OFFICE BUILDING SANTA FE NEW MEXICO 87501

	SANTA PE. NEW MEXICO 87501
APPLIC	ATION FOR AUTHORIZATION TO INJECT
Ι.	Purpose: X Secondary Recovery Pressure Maintenance Diagosal Storage Application qualifies for administrative approval? X yes no
II.	Operator: Circle Ridge Production, Inc.
	Address: 601 W. Illinois, Hobbs, NM 88240
	Contact party: James Davis Phone: (505)676-2130
III.	Well data: Complete the data required on the reverse side of this form for each well proposed for injection. Additional sheets may be attached if necessary.
IV.	Is this an expansion of an existing project? $\overline{\mathbf{X}}$ yes $\mathbf{R-1541}$ If yes, give the Division order number authorizing the project $\mathbf{R-1541}$.
٧.	Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.
* VI.	Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.
VII.	Attach data on the proposed operation, including:
	 Proposed average and maximum daily rate and volume of fluids to be injected; Whether the system is open or closed; Proposed average and maximum injection pressure; Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).
·VIII.	Attach appropriate geological data on the injection zone including appropriate lithologic detail, geological name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such source known to be immediately underlying the injection interval.
IX.	Describe the proposed stimulation program, if any.
У.	Attach appropriate logging and test data on the well. (If well logs have been filed with the Division they need not be resubmitted.)
×I.	Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.
XII.	Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground source of drinking water.
XIII.	Applicants must complete the "Proof of Notice" section on the reverse side of this form.
XIV.	Certification
	I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.
	Name: Eddie W. Seay Title Agent 505-392-2236
	Signature: Date: January 31, 1992
* If th submi	Co.

III. WELL DATA

- A. The following well data must be submitted for each injection well covered by this application. The data must be both in tabular and schematic form and shall include:
 - (1) Lease name; Well No.; location by Section, Township, and Range; and footage location within the section.
 - (2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.
 - (3) A description of the tubing to be used including its size, lining material, and setting depth.
 - (4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used.

Division District offices have supplies of Well Data Sheets which may be used or which may be used as models for this purpose. Applicants for several identical wells may submit a "typical data sheet" rather than submitting the data for each well.

- B. The following must be submitted for each injection well covered by this application. All items must be addressed for the initial well. Responses for additional wells need be shown only when different. Information shown on schematics need not be repeated.
 - (1) The name of the injection formation and, if applicable, the field or pool name.
 - (2) The injection interval and whether it is perforated or open-hole.
 - (3) State if the well was drilled for injection or, if not, the original purpose of the well.
 - (4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations.
 - (5) Give the depth to and name of the next higher and next lower oil or gas zone in the area of the well, if any.

XIV. PROOF OF NOTICE

All applicants must furnish proof that a copy of the application has been furnished, by certified or registered mail, to the owner of the surface of the land on which the well is to be located and to each leasehold operator within one-half mile of the well location.

Where an application is subject to administrative approval, a proof of publication must be submitted. Such proof shall consist of a copy of the legal advertisement which was published in the county in which the well is located. The contents of such advertisement must include:

- (1) The name, address, phone number, and contact party for the applicant;
- (2) the intended purpose of the injection well; with the exact location of single wells or the section, township, and range location of multiple wells;
- (3) the formation name and depth with expected maximum injection rates and pressures; and
- (4) a notation that interested parties must file objections or requests for hearing with the Oil Conservation Division, P. O. Box 2088, Santa Fe, New Mexico 87501 within 15 days.

NO ACTION WILL BE TAKEN ON THE APPLICATION UNTIL PROPER PROOF OF NOTICE HAS BEEN SUBMITTED.

NOTICE: Surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date this application was mailed to them.

FORM C-108

APPLICATION FOR AUTHORIZATION TO INJECT

CIRCLE RIDGE PRODUCTION INC. ROCK OUEEN UNIT

III. A

- 1. ROCK QUEEN UNIT WELL NO. 11-K SECT. 26 T13S R31E 1980/S 1980/W CHAVES CO., NM
- 2. 8 5/8" 24# CSG SET AT 223' WITH 100 SXS CMT CIRC 5 1/2" 14# CSG SET AT 3022' WITH 100 SXS CMT TOC 2687 WITH 50% EFFICIENCY TOC 2361 WITH 100% EFFICIENCY
- 3. Plan to run 2 7/8" plastic lined tubing set at approx. 3000'.
- 4. Plan to run a Baker Tension Packer and set approx. 3000'.

III. B

- 1. The injection interval is the Queen Sand, Caprock Queen Field.
- 2. The injection interval is open-hole 3022'-3033'.
- 3. The well was originally drilled as an oil well.
- 4. None
- 5. None
- Part 5. Attached
- Part 6. Attached
- Part 7. 1. The average rate of injection will be approx. 200 bls. per day with maximum of 300 bls. per day.
 - 2. The system will be closed.
 - 3. The average pressure will be 400-500 PSI with a maximum of 700 PSI.
 - 4. The source of water will be reinjected produced water.
 - 5. N/A

- Part 8. Previously submitted.
- Part 9. No stimulation proposed.
- Part 10. Previously submitted.
- Part 11. All available geologic and engineering data has been examined and no evidence of open faults or any other hydrologic connection between the injection zone and any underground source of drinking water were found.

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

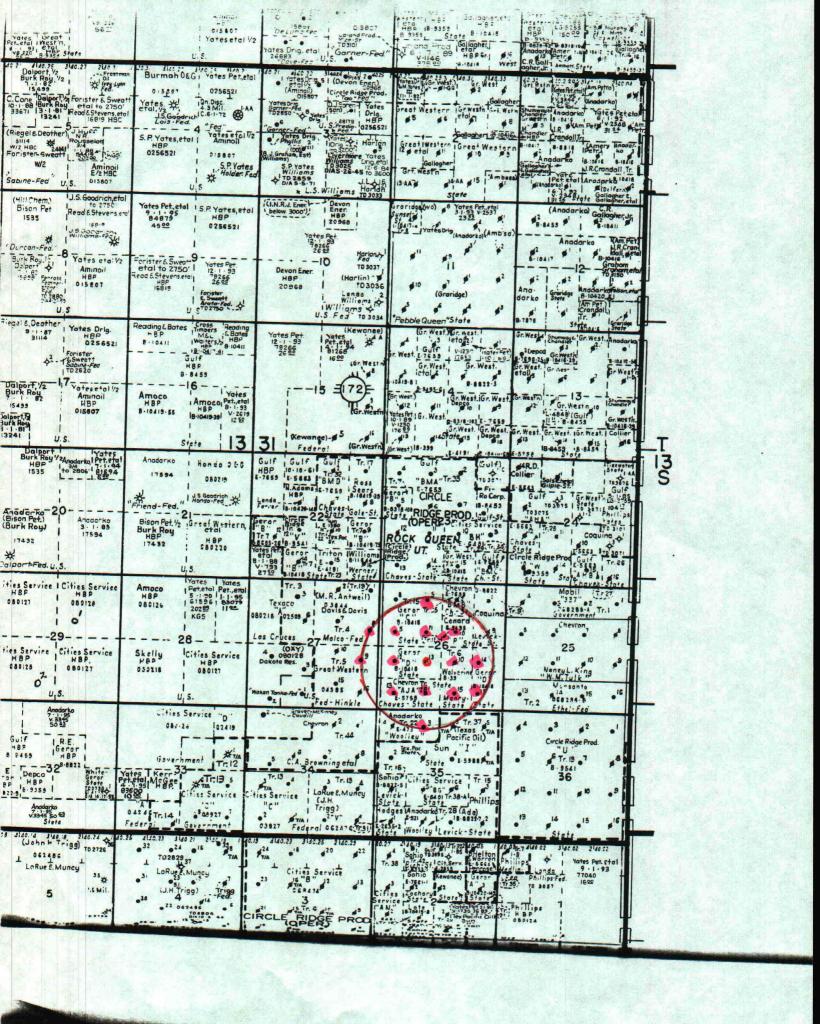
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U.B.O.A.			
LAND OFFICE			
TRANSPORTER	OIL		
	GAS		
OPERATOR			
PROGATION OF	150	1	

OIL CONSERVATION DIVISION P. O. BOX 2088 SANTA FE, NEW MEXICO 87501

Form C-104 Revised 10-01-78 Format 06-01-83 Page 1

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

AUTHORIZATION TO TRANS	SPORT OIL AND NAT	TURAL GAS		•
1. Operator				
Circle Ridge Production Inc.				
Address		 		
c/o Oil Reports & Gas Services, Inc. Box 755,	Hobbs NM 882	4.1		
Reason(s) for filing (Check proper box)		ese explain)		
New Well Change in Transporter of:				
Mecompletion OII	Ny Gos	Effective	11-1-86	
Casinghead Gas	Condensate	ETTECCTVE	11-,1-00	
				
If change of ownership give name Great Western Drlg. Co	P. O. Box 16	559. Midland TX	79701	
and address of previous ownerGreat western birg. oo	<u> </u>	, , , , , , , , , , , , , , , , , , ,		
II. DESCRIPTION OF WELL AND LEASE	<u> </u>			
Lease Name Well No. Pool Name, including f	ormation	Kind of Lease		Lease No.
Rock Queen Unit Sec. 26 11 Caprock Quee	en	State, Federal or Fee	State	B-10418
Location				
Unit Letter K : 1980 Feet From The South Lis	ne and 1980	Feet From The	West	
-		<u></u>		
Line of Section 26 Township 135 Range 3	IE , NMF	Рм,	Chaves	County
Name of Authorized Transporter of Casinghead Gas or Dry Gas I If well produces oil or liquids, give location of tanks. Unit Sec. Twp. Rgs. G 26 13S 3 E	Is gas actually connection.	s to which approved capy (cred? , When].	,, tata yora sa ta	
I this production is commingled with that from any other lease or pool,	give commingling ord	et unwpet:	•	
NOTE: Complete Parts IV and V on reverse side if necessary.				
		CONSERVATION DI	N ((C) (C) N	
71. CERTIFICATE OF COMPLIANCE	UIL 1	22020	30	
hereby certify that the rules and regulations of the Oil Conservation Division have	APPROVED	NOV 1 8 191	<u> </u>	19
een complied with and that the information given is true and complete to the best of				
ny knowledge and belief.	BYQ	NGINAL SIGNED BY 15		<u> </u>
	TITLE	DISTRICT SUPER	AIPOX	
A				
1100 11.00	1	to be filled in compliant		
(Signature)	well, this form mu-	quest for allowable for at be accompanied by a well in accordance wi	tabulation of	the deviation
Agent (Tille)	All sections o	f this form must be fille	ed out complet	ely for allow-
11-13-86 (Date)	Fill out only	Sections I, II, III, and		
,23.37		s C-104 must be filed	_	
••				



	P 661 750 227 Certified Mail Receipt No Insurance Coverage Provide a Do not use for International Mail WIRESENS (Side Reverse)
Ī	Sent to
	Mr. E.P. Caudill
	Street & Fo 21401 N. Denver City Hwy
	P.O., State E. Code
	Hobbs, NM 88240
	Postage
	Certified $\mathbb{Q}_{+,+}$
	Special Der Fee
	Restricted 2 ary Ferr
060	Return Reve. Showing to Whom & Cale Delivered
2 Form 3800 , June 1990	Return Reliefs Showing to Witten Date, & Andress of Demery
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Santa Fe, NM	87504 \$
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e.urn Receipt Shoving Whom & Date Delivered Faturn Receipt Shoving to Whom, Late, & Address of Delivery	
Control of the contro	209

January 31, 1992

Dear Sir,

Pursuant to the rules and regulations of the State of New Mexico. Oil Conservation Division. Santa Fe, NM. notice is hereby given that Circle Ridge Production, Inc. has filed for expansion of their Rock Queen Unit in accordance with OCD R-1541. Circle Ridge Production. Inc. wish to convert well #11 Unit K 1980/S, 1980/W, Sect. 26, Township 13, Range 31 E., Chaves Co., NM. from production to injection, for the reinjection of produced water. approximately 200 Bls. per day at 500# pressure, into the Queen formation.

Any questions or ojections must be filed with the Oil Conservation Division. P.O. Box 2088, Santa Fe, NM 87501, within 15 days.

Sincerely,

Eddie W. Seay, Agent

Eddin W Sear,

601 W. Illinois Hobbs, NM 88240

(505)392-2236

EASE P 1 0	Ridge Prod .	Que 1-29-9				1-29-91		·
4 4 1	was Unit	MELE NO.	15.26	T 13	PBIE	Unit		
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	Hole size _\							
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4	$\frac{52}{2}$ " casing	set at 1	022 'With _	100	sx of N	est (
}	$\frac{52}{52}$ casing Total Depth 30 $9H 30$	33 H	Jie Size		10C 2	687		
{	9H 30	22- 303	3		y - (y ~('	·······································		
{			•					
<u>}</u>	} .			•				

OPERATOR	Circle Ridge Production Inc.			DAT	1-29-	91	
LEASE	Rock Queen Unit	WELL Ma /2	LCCATION Sec 26	7/35	231E	unit	۷_

STATUS: TA'D

5½ " casing set at 3022 ' with 100 sx of NEAT ce.

Total Depth 3032 ' Hole size 8 " 700 2687'

50% efficience.

OPERATOR	Circle Ridge Production Inc.			DAT	1-29-	91	
LEASE	Rock Queen Unit	WELL NO	LCCATION Sec 26	T135	R31E	unit	<u></u>

STATUS: Injection Well

OH 3049-3058

85/8 " casing set at 1/93 " with 1/00 sx of 1/8 cemer Hole size 1/1 " 1/8 C/RC

5/2 " casing set at 3049 ' with 125 sx of Next cem

Total Depth 3058 ' Hole size 8 " Toc 2631'

50 % efficiency

OH 3049-3058

OPERATOR	Circle Ridge Production Inc.			DATE /-2	9-91	
LEASE	Rock Queen Unit	WELL NO.	Sec 26	. T135 R31E	unit	Н

STATUS: TA'O

8 5/8 " casing set at 306 ' with _/75 sx of _NeA-7 cemer Hole size 12/4 " cinc. Top of Linea @ 3012'

 $\frac{5^{\prime}/2}{2}$ " casing set at $\frac{3000}{2000}$ with $\frac{125}{25}$ sx of $\frac{NEA7}{2000}$ cem

Total Depth $\frac{3070}{2000}$ Hole size $\frac{8}{2000}$ " $\frac{700}{2000}$ 2642'

Sols efficiency, $\frac{8000}{2000}$ August $\frac{1}{2}$ Superf $\frac{3047-3051}{2000}$

OPERATOR	Circle Ridge Production Inc.				04	TE ノース	9-91	
LEASE	Rock Queen Unit	WELL Na.	Sec	26	7/35	R31E	unit	6

STATUS: PRODUCER

OH 3049-3057'

85/8 " casing set at 289 " with 175 sx of regular cement Hole size 12/2 " cinc.

5½ " casing set at 3049 ' with 200 sx of regular ceme

Total Depth 3057 ' Hole size 8 " Toc 2380'

50% efficiency

OH 3049 - 3057'

OPERATOR	Circle Ridge Production Inc.		1-29-9-
LEASE	Rock Queen Unit	WELL Ma	SEC 26 TI35-R31E VAIT C

STATUS: produces

OH 3052 - 3064'

8 $\frac{8}{8}$ casing set at $\frac{2}{4}$ with $\frac{1}{100}$ sx of $\frac{8}{100}$ comer Hole size $\frac{12}{4}$ circ

 $5\frac{1}{2}$ " casing set at 3052 ' with 100 sx of 100 Cemerated Total Depth 3064 ' Hole size 100 " 100 2697' Sto 75 efficiency

OH 3052 - 3064'

OPERATOR	Circle Ridge Production Inc.				DATE	1-29	-91
LEASE	Rock Queen Unit	WELL Ma	ecation Sec	26	7-35	R31E	init F

STATUS: Injection well
pents 3036-3044

 $8\frac{5}{8}$ " casing set at 225 " with 125 sx of <u>NeAF</u> ceme Hole size 12/4 " Cinc

Ciner Top @ 2988'

 $5\frac{1}{2}$ " casing set at 3042 " with 100 sx of 100 ce:

Total Depth 3052 " Hole size 8 " 100

Circle Kilge Paul	Ine	DATE /- 2	9-91
LEASE Rock Quean Unit	WELL NO. LO	CATION 27 7/3 R31	I tinu
		In's wall	
77777			

88 " casing set at 317 ' with 200 sx of wat cement

Hole size 124 " Cue

5½ " casing set at 3020 ' with 500 sx of New cemen Total Depth 3028 ' Hole size 6¾ " Toc 2308 50% Efficiency 9# - 3020 - 3028

livel	le Kida, Krod.	Inc.	1-29.	- 9/
LEASE ROCK	auen Unit	WELL NO LOCATION 15 Se 26	713 R31	Unito
		Pro	ducing well	
77777	77117			
		•	•	
	8 ° casi	ng set at <u>186</u> ' w	rith 125 sxo	f Newt cement
	Hole size \	•		· · · · · · · · · · · · · · · · · · ·
		·		
			•	
	55 " casing	set at <u>3043</u> ' with	n 100 sxof	· //eaf _ cemer
	Total Depth 30	50 ' Hole size _	y " To a	
{	off 3043-30	50		Ĭ
<	\ .		•	

LEASE O	Ridge Road Jane Well No. 1 LOCATION 1-29-91
Kock C	Visco. Unit No. 14 Sec 26-13-31 Unit N
	Inj. well
The same of the sa	
77777	
	8 " casing set at 3/2 ' with 300 sx of Next ce
	Hole size 11 " care
ļ	
.]	
•	
	52 " casing set at 3021 with 1550 sx of Next Company Count C
{	Total Depth 3041 ' Hole size 8 " Comet Circ
}) 0H 3021-3041
}	
\	

	Prod. Inc.	DATE / - a	19-91
LEASE ROCK Ding. V	well Na. 13	Sec 26 T 13 R31	Unit m
77777 (1 77777		Producing well.	
		•	
. 1 . 1		<u>328</u> 'with <u>300</u> s	x of Neat ceme
ноте	size <u> </u>		•
	•		
	,		
		•	
53	" casing set at <u>30</u>	ا الله الله الله الله الله الله الله ال	k of Neat cen
Tota	1 Depth 3049 Ho	ole size <u> </u>	cennet Circ
٠			

arele F	Ridge Prod Dre		1-29-	91
F Rock du	on Unit WELL	No. LOCATION Sec 26	T'13 R31	Unit H
		Temp.	Ab.	
לי וו וויייי י	777	,		•
			,	
			•	
	85 " casing set	at <u>306</u> 'wi	th <u>175</u> sx of	Next cem
	Hole size"	luc		
	·	•		
		•		
	$5\frac{1}{3}$ " casing set at	3060 ' with	<u>125</u> sx of	Neat CE
{ {	53 " casing set at Total Depth 3070 ' OH 3060 - 3070	Hole size	8 " Toe	2693
)	OH 3060-3070		5°07 ,	Yhicienay
}	•	•		

•

EASE Role	Redge, Prod. Inc. WELL No. LOCATION 1-29-91 16 Se. 26 T 13 R 31 Unit P
Mack 4	
	Ins. well
ן דיניני	י. דערדן
	·
	85 " casing set at 150 ' with 100 sx of Next
	Hole size " Circ
	·
1.	
	·
·	
4 {	$5\frac{1}{2}$ " casing set at 3048 " with 100 sx of Next
\	Total Depth <u>3050</u> 'Hole size <u>8</u> " Foc 2710 50% effec
}	OH 3048-3050
<	

OPERATOR	Circle	Rida	Grad	Inc		DAT	1-29	- 91	
LEASE	Rock a	X	tin	WELL No.	LOCATION Szu 26	T/3	R31	Unit C	

Prod well

 $\frac{95}{8}$ " casing set at 303 ' with 250 sx of Next cement Hole size _____ " Circ

52 " casing set at 3541 with 100 sx of Next cement Total Depth <u>3959</u> 'Hole size <u>8</u> " Toc 2491 50% Africiac.

04 3041 - 3559

OPERATOR	GREAT WESTERN DRILLING CO.		OATE 1-29-91				
LEASE	ROCK QUEEN UNIT	WELL NO.	LOCATION	27	T135-R31E	unit	4

STATUS: PAA 3-6-76 10 5xs @ surface 30 SXS @ 348-246' 246 $\frac{8^{5/8}}{348'}$ casing set at 306 with 140 sx of Next cemen Hole size 12/4 " Cinc. cmt. 1211 SHOT AND pulled 51/2" CASING @ 1264' 3 1311 Set 20 sx plug 1311-1211 2692 25 sx plug @ 2934-2692 -2934 25 5x plug @ 2974 - 2934 20 1 5AMD 2974 2994 Squeezed perfs w/ 150 5x pents 3024-3028 6 SHOTS/Ft. 5/2 " casing set at 3045' with 100 sx of Next ceme Total Depth 3045 ' Hole size 63/4 " Toc 2690'

50% efficiency

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

CIL CONSERVATION DIVISION

POST OFFICE BOX 2088 STATE LAND OFFICE BUILDING SANTA FE NEW MEXICO 87501

v San coNSEFse	FORM SION 1-8
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	SANTA PE NEW MEXICO 8/301
APPLIC	ATION FOR AUTHORIZATION TO INJECT 22 FET 19 1 1 9 35
1.	Purpose: Secondary Recovery Pressure Maintenance Discosal Storage Application qualifies for auministrative approval? Tyes Inc
II.	Operator: Circle Ridge Production, Inc.
	Address: 601 W. Illinois, Hobbs, NM 88240
	Contact party: James Davis Phone: (505)676-2130
111.	Well data: Complete the data required on the reverse side of this form for each well proposed for injection. Additional sheets may be attached if necessary.
IV.	Is this an expansion of an existing project? \overline{X} yes \overline{X} no $R-1541$.
٧.	Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.
* VI.	Attach a tabulation of data on all wells of public record within the area of review whic penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.
VII.	Attach data on the proposed operation, including:
	 Proposed average and maximum daily rate and volume of fluids to be injected; Whether the system is open or closed; Proposed average and maximum injection pressure; Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).
*VIII.	Attach appropriate geological data on the injection zone including appropriate lithologic detail, geological name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10.000 mg/l or less) overlying the proposed injection zone as well as any such source known to be immediately underlying the injection interval.
IX.	Describe the proposed stimulation program, if any.
· x.	Attach appropriate logging and test data on the well. (If well logs have been filed with the Division they need not be resubmitted.)
· XI.	Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.
XII.	Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground source of drinking water.
XIII.	Applicants must complete the "Proof of Notice" section on the reverse side of this form.
XIV.	Certification
	I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.
	Name: Eddie W. Seay Title Agent 505-392-2236
	Signature: Date: January 31, 1992
subm:	he information required under Sections VI.\ $VIII$. (, and M above has been previously itted, it need not be duplicated and resubmitted. Please show the date and circumstance he earlier submittal.

FORM C-108

APPLICATION FOR AUTHORIZATION TO INJECT

CIRCLE RIDGE PRODUCTION INC. ROCK QUEEN UNIT

III. A

- 1. ROCK QUEEN UNIT WELL NO. 11-K SECT. 26 T13S R31E 1980/S 1980/W CHAVES CO., NM
- 2. 8 5/8" 24# CSG SET AT 223' WITH 100 SXS CMT CIRC 5 1/2" 14# CSG SET AT 3022' WITH 100 SXS CMT TOC 2687 WITH 50% EFFICIENCY TOC 2361 WITH 100% EFFICIENCY
- 3. Plan to run 2 7/8" plastic lined tubing set at approx. 3000'.
- 4. Plan to run a Baker Tension Packer and set approx. 3000'.

III. B

- 1. The injection interval is the Queen Sand, Caprock Queen Field.
- 2. The injection interval is open-hole 3022'-3033'.
- 3. The well was originally drilled as an oil well.
- 4. None
- 5. None
- Part 5. Attached
- Part 6. Attached
- Part 7. 1. The average rate of injection will be approx. 200 bls. per day with maximum of 300 bls. per day.
 - 2. The system will be closed.
 - 3. The average pressure will be 400-500 PSI with a maximum of 700 PSI.
 - 4. The source of water will be reinjected produced water.
 - 5. N/A

- Part 8. Previously submitted.
- Part 9. No stimulation proposed.
- Part 10. Previously submitted.
- Part 11. All available geologic and engineering data has been examined and no evidence of open faults or any other hydrologic connection between the injection zone and any underground source of drinking water were found.

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

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LAND OFFICE			$\overline{}$
TRAMIPORTER	OIL		
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OPERATOR			_
PROBATION OFF	1CE		

OIL CONSERVATION DIVISION P. O. BOX 2088 SANTA FE, NEW MEXICO 87501

Form C-104 Revised 10-01-78 Format 06-01-83 Page 1

Separate Forms C-104 must be filed for each pool in multiple completed wells.

REQUEST FOR ALLOWABLE

OPENATOR	AND .		
AUTHORIZATION TO TRANS	SPORT OIL AND NATURAL GAS		
Operator			
Circle Ridge Production Inc.			
	W		
c/o Oil Reports & Gas Services, Inc. Box 755,			
Reason(s) for filing (Check proper box)	Other (Please explain)		
New Well Change In Transporter of:			
	Effective 1-1-86		
Change in Ownership Casinghead Gas C	AMERICA		
change of ownership give name Great Western Drlg. Co.	., P. O. Box 1659, Midland, TX 79701		
I. DESCRIPTION OF WELL AND LEASE			
Lease Name Well No. Pool Name, Including F	ormation Kind of Lease N		
Rock Queen Unit Sec. 26 11 Caprock Quee	State, Federal or Fee State B-104		
Location			
Unit Letter K : 1980 Feet From The South Lin	ne and 1980 Feet From The West		
Line of Section 26 Township 135 Range 3	E , NMPM, Chaves Count		
II. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL	LGAS Aggress (Give address to which approved copy of this form is to be sent)		
	Vadiage (Othe address to mutch approped coby of tuts form is to on sent)		
Texas-New Mexico Pipeline Company	P. O. Box 2528, Hobbs, NM 88241		
Name of Authorized Transporter of Costnighed Gas or Dry Gas	Address (Give address to which approved copy of this form is to be sent)		
Unit Sec. Twp. Rge.	is gas actually connected? , When		
If well produces oil or liquids, give location of tanks. G 26 135', 31E	No.		
this production is commingled with that from any other lease or pool.			
this production is committigled with that from any other lease or poor,	give comminging over Hamper.		
IOTE: Complete Parts IV and V on reverse side if necessary.			
	OIL CONSERVATION DIVISION		
I. CERTIFICATE OF COMPLIANCE			
hereby certify that the rules and regulations of the Oil Conservation Division have	APPROVED NOV 1 8 1986 19 19		
en complied with and that the information given is true and complete to the best of			
y knowledge and belief.	BY ORIGINAL SIGNED BY JERRY STUTON		
	DISTRICT 1 SUPERVISOR		
4	11148		
Id anna Valla	This form is to be filed in compliance with RULE 1104.		
	If this is a request for allowable for a newly drilled or deepens		
(Signature)	well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.		
Agent (Title)	All sections of this form must be filled out completely for allowable on new and recompleted wells.		
11-13-86	Fill out only Sections I. II. III, and VI for changes of owner		
(Date)	well name or number, or transporter or other such change of condition		

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3

Certified Mail Receipt

No Insurance Coverage Provided
Do not use for International Mail
STATES (See Reverse)

POSTAL SERVICE (See Heverse)	
Mr. E.P. Caudi	111
21401 N. Denve	r City Hwy
P.O., State & ZIP Code	
	40
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Address of Delivery	0.0
TOTAL Postage & Fees	\$29
Postmark of Date	
	Sent to Mr. E.P. Caudi Street & No. 21401 N. Denve PO., State & ZIP Code Hobbs, NM 882 Postage Certified Fee Special Delivery Fee Restricted Delivery Fee Return Receipt Showing to Whom, Date, & Address of Delivery TOTAL Postage & Fees

1

P 661 750 826

Certified Mail Receipt

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Do not use for International Mail

UNITED STATES (See Reverse) Sent to Commissioner of Public Lands Street & No. P.O.Box 1148 PO., State & ZIP Code 87504 Santa Fe, NM Postage \$ Certified Fee Special Delivery Fee Restricted Delivery Fee Return Receipt Showing to Whom & Date Delivered Return Receipt Showing to Whom, Date. & Address of Delivery TOTAL Postage & Fees Form 3800, Postmark or Date

January 31, 1992

Dear Sir.

Pursuant to the rules and regulations of the State of New Mexico, Oil Conservation Division. Santa Fe. NM. notice is hereby given that Circle Ridge Production. Inc. has filed for expansion of their Rock Queen Unit in accordance with OCD R-1541. Circle Ridge Production. Inc. wish to convert well #11 Unit K 1980/S, 1980/W, Sect. 26, Township 13, Range 31 E., Chaves Co., NM. from production to injection, for the reinjection of produced water, approximately 200 Bls. per day at 500# pressure, into the Queen formation.

Any questions or ojections must be filed with the Oil Conservation Division. P.O. Box 2088, Santa Fe, NM 87501, within 15 days.

Sincerely,

Eddie W. Seay, Agent

Poldin W Seary

601 W. Illinois

Hobbs. NM 88240

(505)392-2236

DPERATOR Circl	e Ridae	Prod 3	me		D	ATE -	29-91	
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}		aH 30	22 - 303	3			÷ ,	
•								

OPERATOR	Circle Ridge Production Inc.	1-29-91					
LEASE	Rock Queen Unit	WELL Na. /2	Sec 26 7/35 R3/E unit L				

STATUS: TA'D

Ho1

8 % " casing set at 205 ' with 100 sx of 1217 cen

Hole size 11 " Cinc

 5½ " casing set at 3022 ' with 100 sx of NeAT C

 Total Depth 3032 ' Hole size 8 " 700 2687'

 \$707.2 Efficient

OH 3022 - 3032

OFERATOR	Circle Ridge Production Inc.			1-29	-91
LEASE	Rock Queen Unit	WELL NO	Sec 26	T135 R31E	unit J

STATUS: Injection well

OH 3049-3058'

 $8\frac{5}{8}$ " casing set at $\frac{/93}{00}$ " with $\frac{1}{00}$ sx of $\frac{NeA_{7}}{00}$ cem Hole size $\frac{1}{10}$ " $\frac{1}{10}$ Circ.

5½ " casing set at 3049' with 125 sx of NeAT CE

Total Depth 3058 ' Hole size 8 " Toc 2631'

OH 3049-3058

OPERATOR	Circle Ridge Production Inc.			PATE 1-2	9-91	
LEASE	Rock Queen Unit	WELL MA	LOCATION Sec 24	. T135 R31E	unit	Н

STATUS: TA'O

85/8 " casing set at 306 with 175 sx of NeAT center Hole size 12/4" ciac.

Top of Linea @ 3012'

 $\frac{5^{\prime}/2}{2}$ " casing set at $\frac{3000}{3000}$ with $\frac{125}{25}$ sx of $\frac{NeA7}{25}$ c

Total Depth $\frac{3070}{3070}$ Hole size $\frac{8}{250}$ " $\frac{700}{2507}$ efficie

RM 45' $\frac{4^{\prime}/2}{2}$ Linex Set @ 3057 w/ 35 3x5

Perf $\frac{3047-3051}{2500}$

OPERATOR	Circle Ridge Production Inc.			DA	「ノーネタ	-91
LEASE	Rock Queen Unit	WELL MA	location Sec 26	7/35	R31E	unit 6

STATUS: PRODUCER

OH 3049-3057'

85/8 " casing set at 289 with 175 sx of 1090lmc cem

Hole size 12/2 " cinc.

5/2 " casing set at 3049 ' with 200 sx of regular ce

Total Depth 3057 ' Hole size 8 " TOC 2380'

50 % efficience
OH 3049 - 3057'

OPERATOR	Circle Ridge Production Inc.		DATE /-29-91
LEASE	Rock Queen Unit	WELL NO.	SEC 26 T135-R31E Unit C

STATUS: produces

OH 3052 - 3064'

8 1/8 " casing set at 2/4 ' with 100 sx of NeAT cem Hole size 12/4 " circ

 $5\frac{1}{2}$ " casing set at 3052 ' with 100 sx of 100 CE Total Depth 3064 ' Hole size $6\frac{3}{4}$ " 70c 2697' 50% efficie

OH 3052 - 3064'

OPERATOR	Circle Ridge Production Inc.			OATE	1-29	-91
LEASE	Rock Queen Unit	WELL NO	eccation Sec	26 7135	R 31 E	init F

STATUS: Injection well
perts 3036-3044

85/8 " casing set at 225 " with 125 sx of <u>NeA+</u> ce Hole size 12/4 " Circ

Ciner Top @ 2988'

5/2 " casing set at 3042 with 100 sx of NeA+ (

Total Depth 3052 Hole size 8 " Toc 2707'

50% efficie

Set 64' of 4/2" Linex @ 3052 w/ 35 5x5

Perf 3036 - 3044

OPERATOR Circle K	La Pal	Îne.		1-29-	91	
LEASE Rock Duro	llnet	WELL NO. 10	cation 27 T/3	R31 1	I fin	
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	$\frac{52}{2}$ " casin	g set at <u>3020</u>	_' with <u></u>	sx of	Neat	_ cer
{ }	Total Depth <u>j</u>	3०२४ ' Hole	size <u>63</u>	_" Toc	2308	
<i>\{\}</i>	94 - 3020	- 3028		2 ~ ~ 2	THICHE	1
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}			•			

OPERATOR Circle	le Rida Prod. Inc	1-29-91
LEASE Rock	Que Unit WELL NO LOCATION 52 26	
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	$\frac{88}{8}$ " casing set at $\frac{186}{186}$ " wi	ith 125 sx of Next
	Hole size " aic	
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	,	
	5½ " casing set at <u>3043</u> ' with	100 sx of /Vent
{	Total Depth 3050 ' Hole size	y " TOC 2484
}	off 3043-3050	5070 efficiency
}		
}		

OPERATOR Circle Ridge Pood In	DATE 1-29-91
LEASE Rock Diese Unit	WELL No. LOCATION 14 Sec 26-13-31 Unit N
	Inj. well
דורוד דורוד	
	ing set at 312 with 300 sx of Next cen
Hole size <u>//</u>	
$\frac{52}{2}$ " casing	set at 3021 ' with 1550 sx of Next ce
Total Depth 3:	041 Hole size 8 " Curet Cue
8 0H 3021-3	3041
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State	OPERATOR Circle	Redo Pad Line	DATE 1-29-91
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Hole size			
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Hole size			
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5½ " casing set at <u>3026</u> ' with <u>1550</u> sx of <u>New</u>			
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OPERATOR Circl	Le Ridos	Prod. I	V.	DATE	1-29-9	7
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ERATOR Civel	Le Riday Prod	. Înc	DATE /-	29-91
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RATOR Cerel	}	and as	rod -	Înc			DATE	- 29	- 91	
SE Pock	1	. Dist		WELL NO.	LOCATION Sec :	26 T	13 7	3/	Unit C	
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ζ	{	04	3041	- 305	9					- '
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GREAT WESTERN DRILLI	NG CO.		0ATE / - 2	29-91	
LEASE ROCK QUEEN UNIT	WELL Na.	Sec 27	T135-R31E		Н
10 2×	5t	7-4-us: P 3-6-			
246'	ر عبر عبر عبر عبر المراد ا		ith <u>140</u> sx	of <u>NeA1</u>	· ceme
Hole size _	12/4 " C.  ATAD pulled S  ZO SX plu	inc. cmt.			
2934 25 5X 20 5AM		74 - 2934			
2994 Squeezed P perfs 3024 5/2 " cas	$4 - 3028$ ing set at $\frac{3}{3045}$ Ho	sitors/ft.			•

1.00 1.150

## 192 FE 114 8M 9 29

#### AFFIDAVIT OF PUBLICATION

County of Chaves State of New Mexico,
ı, Jean M. Pettit
Bus. Manager,
Of the Roswell Daily Record, a daily newspaper published at Roswell, New Mexico, do solemnly swear that the clipping hereto attached was published once a week in the regular and entire issue of said paper and not in a supplement thereof for a period
of <u>one time</u>
weeks
beginning with the issue dated6th
February , 19 92
and ending with the issue dated 6th.
February , 19 92
Sworn and subscribed to before me
this6th day of
February 19 92  Marylon Motary Public
<b>y</b>
My commission expires

Publish February 6, 1992

#### LEGAL NOTICE

Pursuant to the rules and regulations of the State of New Mexico, Oil Conservation Division. Santa Fe, NM, notice is hereby given that Circle Ridge Production, Inc. has filed for expansion of their Rock Queen Unit in excordance with OCD R-1541. Circle Ridge Production, Inc. wish to correct well #11 Unit K 1980/S, 1980/W, Sect. 26, Township 13, Runge 31 E., Chaves Co., NM, from production to injection, for the pursuant of produced water, application of produced water, applications into the Queen formation.

Any questions or objections must be filed with the Oil Conservation Division, P.O. Box 2088 Santa Fe, NM 87501, within 15 days.

#### AFFIDAVIT OF PUBLICATION

County of Chaves
State of New Mexico,
ı, Jean M. Pettit
Bus. Manager,
Of the Roswell Daily Record, a daily newspaper published at Roswell, New Mexico, do solemnly swear that the clipping hereto attached was published once a week in the regular and entire issue of said paper and not in a supplement thereof for a period
of one time
weeks
beginning with the issue dated6th
February , 19.92
and ending with the issue dated 6th
February 10 92
Jun M. Littet Manager
Sworn and subscribed to before me
this 6th day of
February, 19 92  Marylan Larger  Notary Public
My commission expires

Publish February 6, 1992

AN ODE LEGAL NOTICE 1984 A P

Pursuant to the rules and regulations of the State of New Mexico, Oil Conservation Division, Santa Fe, NM, notice is hereby given that Circle Ridge Production, Inc. has filed for expansion of their Rock Queen Unit in accordance with OCD R-1541. Circle Ridge Production, Inc. wish to convert well #11 Unit K 1980/S, 1980/W, Sect. 26, Township 13, Range 31 E., Chaves Co., NM, from production to injection, for the reinjection of produced water, approximately 200 Bls. per day at 500# pressure, into the Queen formation.

Any questions or objections must be filed with the Oil Conservation Division, P.O. Box 2008 Santa Fe, NM 87501, within 15 days. IN DIVISION

### STATE OF NEW MEXICO

# ÉNERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

## HOBBS DISTRICT OFFICE

2-7-92

BRUCE KING GOVERNOR

POST OFFICE BOX 1980 HOBBS, NEW MEXICO 88241-1980 (505) 393-6161

OIL CONSERVATION DIVISION P. O. BOX 2088 SANTA FE, NEW MEXICO 87501
RE: Proposed:  MC DHC NSL NSP SWD WFX PMX
Gentlemen:
I have examined the application for the:  Circle Ridge Prod. Inc. Tock Queen Unit Sec. 26 #11+ K Z6-13-3  Operator Lease & Well No. Unit S-T-R
and my recommendations are as follows:
Yours very truly,
Jerry Sexton Supervisor, District 1