

APPLICATION FOR AUTHORIZATION TO INJECT

- I. Purpose: Secondary Recovery Pressure Maintenance Disposal Storage
Application qualifies for administrative approval? yes no
- II. Operator: CIRCLE RIDGE PRODUCTION INC.
Address: P.O. BOX 636, HOBBS, NEW MEXICO 88240
Contact party: JAMES DAVIS Phone: 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? yes no
If yes, give the Division order number authorizing the project _____.
- V. 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:
1. Proposed average and maximum daily rate and volume of fluids to be injected;
 2. Whether the system is open or closed;
 3. Proposed average and maximum injection pressure;
 4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and
 5. 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: MICHAEL L. PIERCE Title: AGENT
Signature: [Signature] Date: 7/15/90

BEFORE ME
OIL CONSERVATION DIVISION
CIRCLE RIDGE PRODUCTION INC.
AGENT
505 392 1915

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.

III. A

1. ROCK QUEEN UNIT WELL NO. 3
SEC.26 T13S R31E UNIT LETTER C
660 FNL AND 1980 FWL
2. 8 5/8" 24# CSG SET AT 214' WITH 100 SXS CMT CIRC
5 1/2" 14# CSG SET AT 3052' WITH 100 SXS TOC 2342'
100% EFFICIENCY. 2697' 50% EFFICIENCY.
3. Plan to run 2 7/8" plastic lined tubing set at approx.
3010'.
4. Plan to run a Haliburton Tension Packer and set approx.
3010'.

III B

- 1.The injection interval is the Queen Sand, Caprock Queen
Field.
 - 2.The injection interval is open-hole 3052 - 3064'.
 3. This 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. 150
barrels per day. with a maximum of 300 barrels 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 the water will be reinjected
produced water.
 5. N/A

Part 8. Previously submitted

Part 9. No stimulation proposed.

Part 10. Previously submitted.

Part 11. I have examined all geologic and engineering data available to me and find no evidence of open faults or any other hydrologic connection between the injection zone and any underground source of drinking water.

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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| | GAS |
| OPERATOR | |
| PROMOTION OFFICE | |

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

I. Operator
Circle Ridge Production Inc.

Address
c/o Oil Reports & Gas Services, Inc. Box 755, Hobbs, NM 88241

Reason(s) for filing (Check proper box) Other (Please explain)

| | | |
|---|---|-------------------|
| <input type="checkbox"/> New Well | Change in Transporter of: | Effective 11-1-86 |
| <input type="checkbox"/> Recompletion | <input type="checkbox"/> Oil <input type="checkbox"/> Dry Gas | |
| <input checked="" type="checkbox"/> Change in Ownership | <input type="checkbox"/> Casinghead Gas <input type="checkbox"/> Condensate | |
| | | |

If change of ownership give name and address of previous owner: Great Western Drlg. Co., P. O. Box 1659, Midland, TX 79701

II. DESCRIPTION OF WELL AND LEASE

| | | | | |
|--|---------------|---|--|----------------------|
| Lease Name Rock Queen Unit Sec. 26 | Well No. 3 | Pool Name, including Formation Caprock Queen | Kind of Lease State, Federal or Fee State | Lease No. B-10418 |
| Location Unit Letter <u>C</u> ; <u>660</u> Feet From The <u>North</u> Line and <u>1980</u> Feet From The <u>West</u> Line of Section <u>26</u> Township <u>13S</u> Range <u>31E</u> , NMPM. <u>Chaves</u> County | | | | |

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

| | |
|---|---|
| Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/> Texas-New Mexico Pipeline Company | Address (Give address to which approved copy of this form is to be sent) P. O. Box 2528, Hobbs, NM 88241 |
| Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input type="checkbox"/> | Address (Give address to which approved copy of this form is to be sent) |
| If well produces oil or liquids, give location of tanks. | Unit Sec. Twp. Rge. Is gas actually connected? When |
| | G 26 13S 31E No |

If this production is commingled with that from any other lease or pool, give commingling order number: _____

NOTE: Complete Parts IV and V on reverse side if necessary.

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given is true and complete to the best of my knowledge and belief.

Donna Walker
(Signature)
Agent
(Title)
11-13-86
(Date)

OIL CONSERVATION DIVISION
APPROVED NOV 18 1986, 19____
BY _____
TITLE DISTRICT SUPERVISOR

This form is to be filed in compliance with RULE 1104.
If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.
All sections of this form must be filled out completely for allowable on new and recompleted wells.
Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.
Separate Forms C-104 must be filed for each pool in multiply completed wells.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 |
|--|---|--|---|---|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|
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| Hill Chem. Bison Pet 1595 | (Hill Chem.) Bison Pet 1595 | J.S. Goodrich, et al Read & Stevens, et al 1581 J.S. Goodrich Williams-Fed | Jack Huff 12-1-85 57552 765 KGS | S.P. Yates, et al HBP 0256521 | Anadarko 4-1-87 27199 | Tax. Am. 6-1-84 20968 | Yates et al V2 Aminoil 015807 | Yates et al V2 Aminoil 015807 | Yates et al V2 Aminoil 015807 | Yates et al V2 Aminoil 015807 | Yates et al V2 Aminoil 015807 | Yates et al V2 Aminoil 015807 | Yates et al V2 Aminoil 015807 | Yates et al V2 Aminoil 015807 | Yates et al V2 Aminoil 015807 | Yates et al V2 Aminoil 015807 | Yates et al V2 Aminoil 015807 | Yates et al V2 Aminoil 015807 | Yates et al V2 Aminoil 015807 | Yates et al V2 Aminoil 015807 | Yates et al V2 Aminoil 015807 | Yates et al V2 Aminoil 015807 | Yates et al V2 Aminoil 015807 | Yates et al V2 Aminoil 015807 | Yates et al V2 Aminoil 015807 | Yates et al V2 Aminoil 015807 | Yates et al V2 Aminoil 015807 | Yates et al V2 Aminoil 015807 | Yates et al V2 Aminoil 015807 | Yates et al V2 Aminoil 015807 | Yates et al V2 Aminoil 015807 | Yates et al V2 Aminoil 015807 | Yates et al V2 Aminoil 015807 | Yates et al V2 Aminoil 015807 | |
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| Echo Prod. 1-9-81 945 M82 KGS | Dalport, 1/2 Berk Roy 7-1-82 15499 | Yates et al V2 Aminoil 015807 | Amoco HBP B-10419-88 | Amoco HBP B-10419-88 | Amoco HBP B-10419-88 | Amoco HBP B-10419-88 | Amoco HBP B-10419-88 | Amoco HBP B-10419-88 | Amoco HBP B-10419-88 | Amoco HBP B-10419-88 | Amoco HBP B-10419-88 | Amoco HBP B-10419-88 | Amoco HBP B-10419-88 | Amoco HBP B-10419-88 | Amoco HBP B-10419-88 | Amoco HBP B-10419-88 | Amoco HBP B-10419-88 | Amoco HBP B-10419-88 | Amoco HBP B-10419-88 | Amoco HBP B-10419-88 | Amoco HBP B-10419-88 | Amoco HBP B-10419-88 | Amoco HBP B-10419-88 | Amoco HBP B-10419-88 | Amoco HBP B-10419-88 | Amoco HBP B-10419-88 | Amoco HBP B-10419-88 | Amoco HBP B-10419-88 | Amoco HBP B-10419-88 | Amoco HBP B-10419-88 | Amoco HBP B-10419-88 | Amoco HBP B-10419-88 | Amoco HBP B-10419-88 | Amoco HBP B-10419-88 | Amoco HBP B-10419-88 |
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ROCK OPER UNIT

GR WESTN OPER UNIT

DRICKEY OIL UNIT

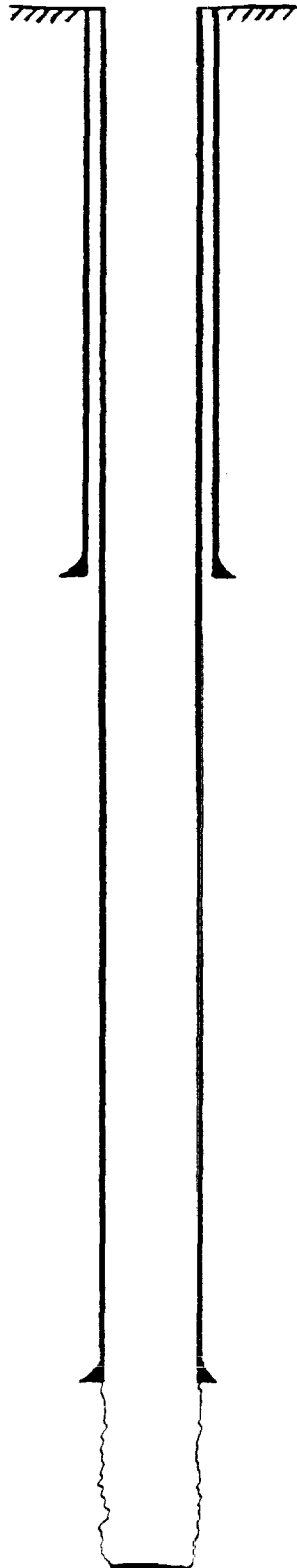
GEN'L OPER CO (OPER)

Subject Well

| | | | |
|----------|------------------------------|----------|-------------------------|
| OPERATOR | Circle Ridge Production Inc. | DATE | 7-11-90 |
| LEASE | Rock Queen Unit | WELL NO. | 3 |
| | | LOCATION | SEC 26 T13S-R31E Unit C |

STATUS: producee

OH 3052 - 3064'



8 5/8 " casing set at 214 ' with 100 sx of NEAT cement

Hole size 12 1/4 " Circ

5 1/2 " casing set at 3052 ' with 100 sx of NEAT cemen

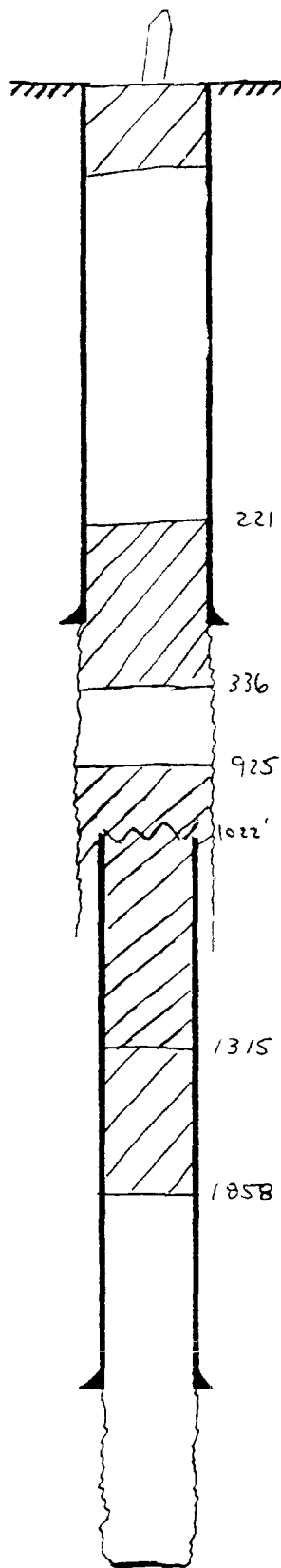
Total Depth 3064 ' Hole size 6 3/4 " TOC 2697'

50% efficiency

OH 3052 - 3064'

| | | | |
|----------|----------------------------|----------|-------------------------|
| OPERATOR | GREAT WESTERN DRILLING CO. | DATE | 7-11-90 |
| LEASE | ROCK QUEEN UNIT | WELL No. | 14 |
| | | LOCATION | Sec 23 T13S R31E unit N |

STATUS : P+A
2-17-76



10 SXS @ surface

25 SXS @ 336-221'

221

7 5/8 " casing set at 296 ' with 200 sx of NEAT cement

Hole size 11 " Circ. cmt.

336

925

1022'

SHOT and pulled 4 1/2" casing @ 1022'

Set 40 SX plug from 1315 to 925'

1315

Could not get below 1858' set 35 SX plug @

1858-1315' plugging procedure approved by
Jerry Sexton

1858

4 1/2 " casing set at 3028 ' with 75 sx of NEAT cement

Total Depth 3038 ' Hole size 6 3/4 " TOC 2694'
50% efficiency

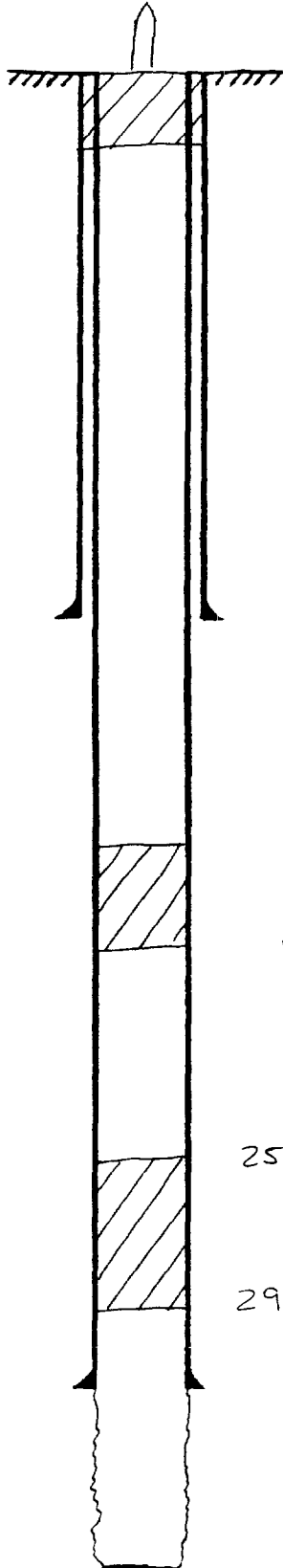
OH 3028-3038

| | | |
|--|---------------|-------------------------------------|
| OPERATOR GREAT WESTERN DRILLING CO. | | DATE 7-11-90 |
| LEASE ROCK QUEEN UNIT | WELL No. 2 | LOCATION Sec 26-T13S-R31E unit B |

STATUS: P+A 1-22-76

NO casing Pulled

10 SX surface plug



7 5/8 " casing set at 305 ' with 250 sx of NEAT cement
Hole size 11 " circ cmt.

1326
1520
15 sx plug @ 1520 - 1326'

2516
2956
50 sxs plug @ 2956 - 2516' Tagged

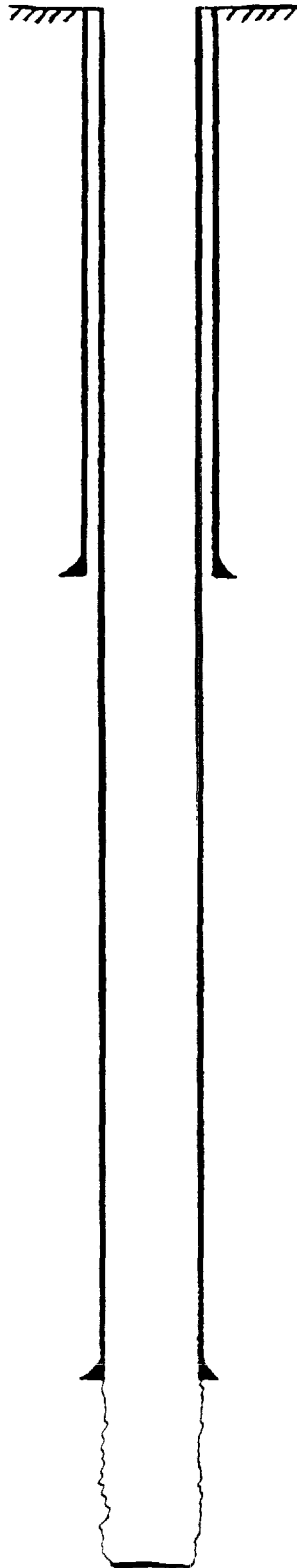
4 1/2 " casing set at 3050 ' with 1075 sx of NEAT cement
Total Depth 3070 ' Hole size 6 3/4 " circ 225 sxs.

OH 3050 - 3070

| | | | |
|----------|------------------------------|----------|-------------------------|
| OPERATOR | Circle Ridge Production Inc. | DATE | 7-11-90 |
| LEASE | Rock Queen Unit | WELL No | 11 |
| | | LOCATION | Sec 23 T13S R31E unit K |

STATUS: producer

OH 3043-3062'



7 5/8 " casing set at 291 ' with 200 sx of regular cement

Hole size 11 " circ. cmt

4 1/2 " casing set at 3043 ' with 50 sx of regular ceme

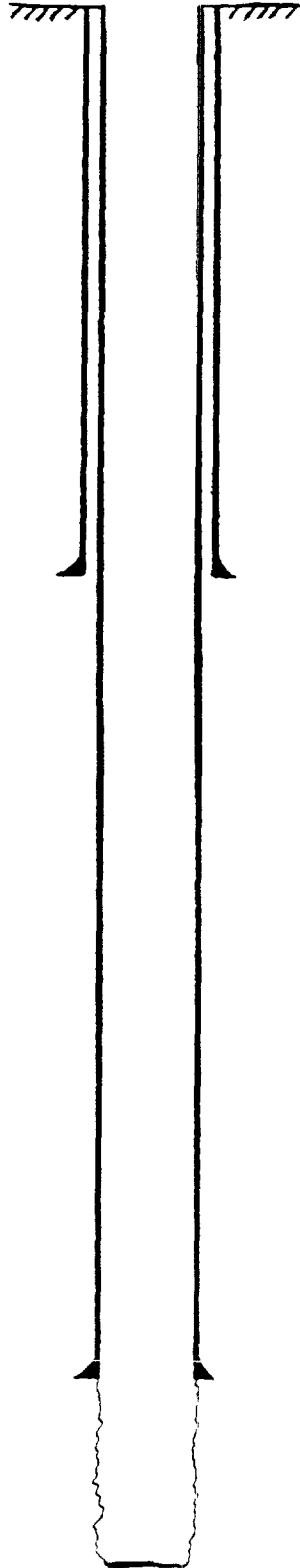
Total Depth 3062 ' Hole size 6 3/4 " TOC 2820'

50% efficiency

OH 3043-3062'

| | | | |
|----------|------------------------------|----------|-------------------------|
| OPERATOR | Circle Ridge Production Inc. | DATE | 7-11-90 |
| LEASE | Rock Queen Unit | WELL No. | 13 |
| | | LOCATION | Sec 23 T13S R31E unit M |

STATUS: Producer
OH 3051 - 3067'

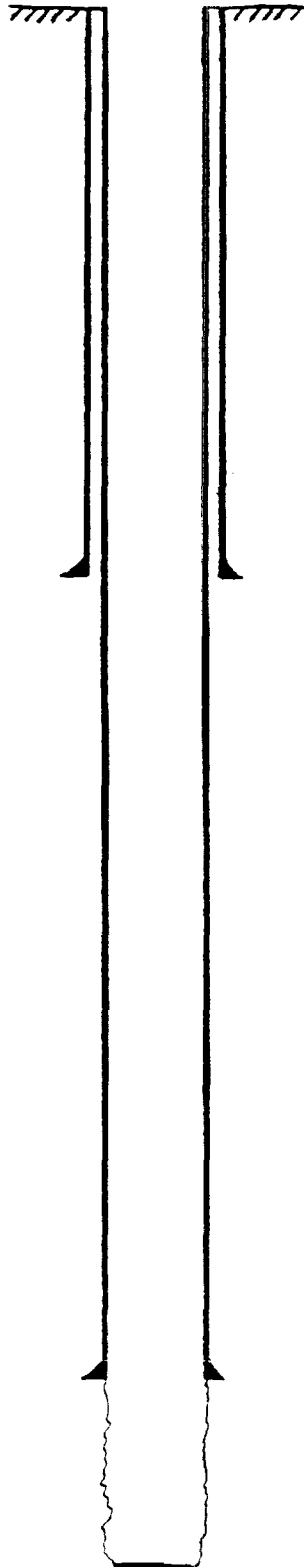


7 5/8 " casing set at 304 ' with 250 sx of regular cement
Hole size 11 " CMC. 40 5x5

4 1/2 " casing set at 3051 ' with 75 sx of regular ceme
Total Depth 3067 ' Hole size 6 3/4 " TOC 2717'
50% efficiency
OH 3051 - 3067'

| | | | | |
|----------|------------------------------|----------|------|-------------------------------------|
| OPERATOR | Circle Ridge Production Inc. | | DATE | 7-11-90 |
| LEASE | Rock Queen Unit | WELL No. | 15 | LOCATION SEC 23 T13S R31E unit 0 |

STATUS : TA'D

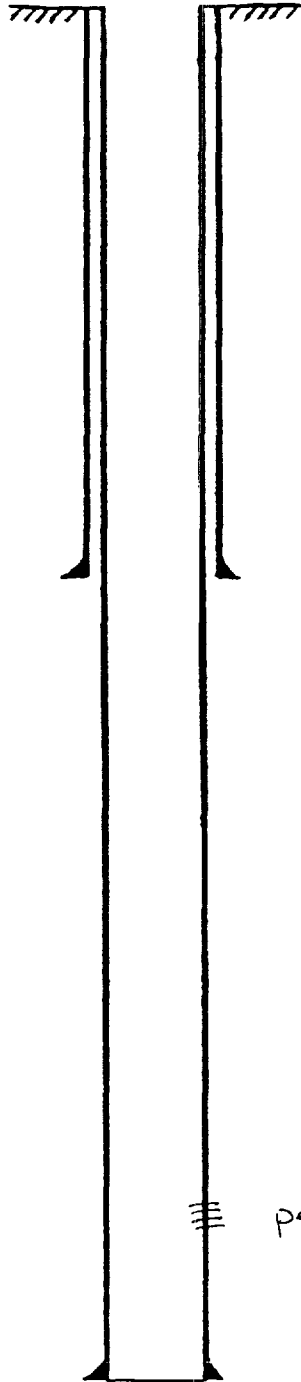


8⁵/₈ " casing set at 198 ' with 100 sx of NEAT cement
Hole size 11 " CIRC.

5¹/₂ " casing set at 3035 ' with 125 sx of NEAT ceme
Total Depth 3047 ' Hole size 8 " TOC 2591'
OH 3035 - 3047 ' 50% efficiency

| | | | |
|----------|------------------------------|----------|-------------------------|
| OPERATOR | Circle Ridge Production Inc. | DATE | 7-11-90 |
| LEASE | Rock Queen Unit | WELL No. | 1 |
| | | LOCATION | Sec 27 T13S R31E unit A |

Status: Producer
perfs 3047 1/2 - 3052 1/2



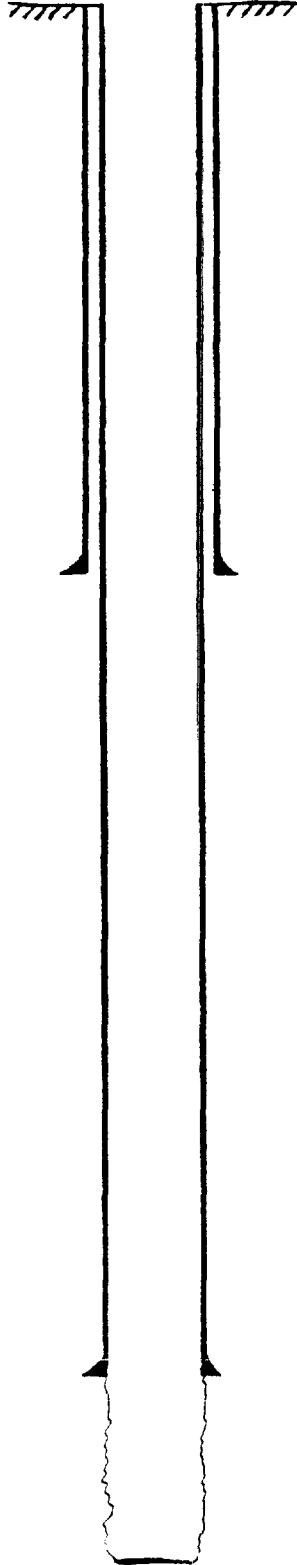
9 " casing set at 325 ' with 145 sx of NEAT cement
Hole size 11 " Circ.

perfs 3047 1/2 - 3052 1/2

6 " casing set at 3065 ' with 100 sx of NEAT ceme
Total Depth 3065 ' Hole size 8 " TOC 2662'
50% efficiency

| | | | |
|----------|------------------------------|----------|-------------------------|
| OPERATOR | Circle Ridge Production Inc. | DATE | 7-11-90 |
| LEASE | Rock Queen Unit | WELL No. | 1 |
| | | LOCATION | SEC 26-T135-R31E Unit A |

STATUS: PRODUCER
OH 3053-3065



8 5/8 " casing set at 305 ' with 140 sx of NEAT cement
Hole size 11 " CIRCU

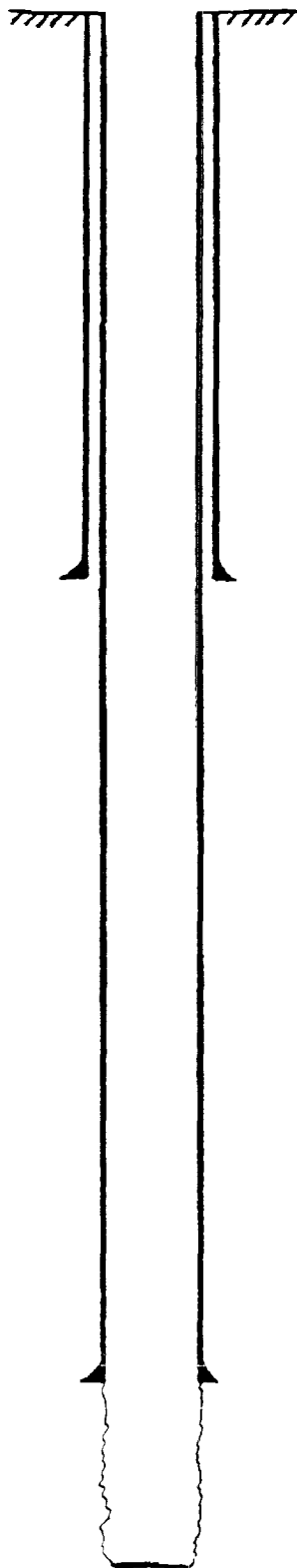
5 1/2 " casing set at 3053 ' with 125 sx of NEAT ceme
Total Depth 3065 ' Hole size 8 " TOC 2609'
50% efficiency

OH 3053-3065'

| | | | |
|----------|------------------------------|----------|-------------------------|
| OPERATOR | Circle Ridge Production Inc. | DATE | 7-11-90 |
| LEASE | Rock Queen Unit | WELL NO. | 7 |
| | | LOCATION | SEC 26 T13S R31E UNIT 6 |

STATUS: PRODUCER

OH 3049-3057'



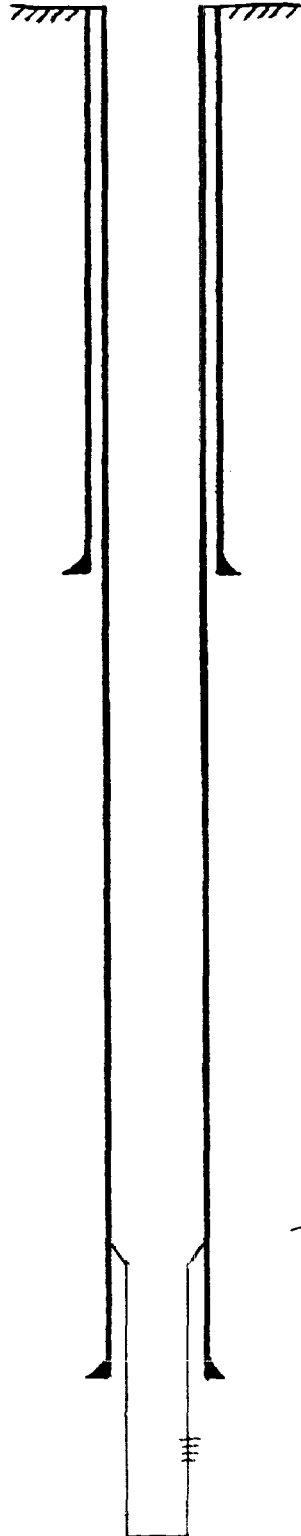
8 5/8 " casing set at 289 ' with 175 sx of regular cement
Hole size 12 1/2 " Circ.

5 1/2 " 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. | DATE | 7-11-90 |
| LEASE | Rock Queen Unit | WELL No. | 8 |
| | | LOCATION | Sec 26 T135 R31E Unit H |

STATUS : TA'D



8 5/8 " casing set at 306 ' with 175 sx of NEAT cement
Hole size 12 1/4 " circ.

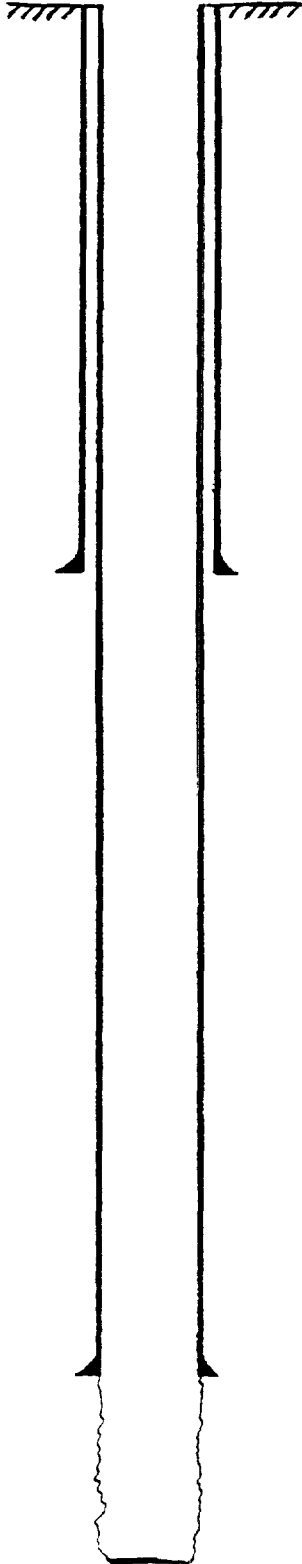
Top of Liner @ 3012'

5 1/2 " casing set at 3060 ' with 125 sx of NEAT ceme
Total Depth 3070 ' Hole size 8 " TOC 2642'
RAM 45' 4 1/2" Liner set @ 3057 w/ 35 SXS
50% efficiency
Perf 3047-3051'

| | | | |
|----------|------------------------------|----------|-------------------------|
| OPERATOR | Circle Ridge Production Inc. | DATE | 7-11-90 |
| LEASE | Rock Queen Unit | WELL No. | 10 |
| | | LOCATION | SEC 26 T13S R31E UNIT J |

STATUS: Injection Well

OH 3049 - 3058'



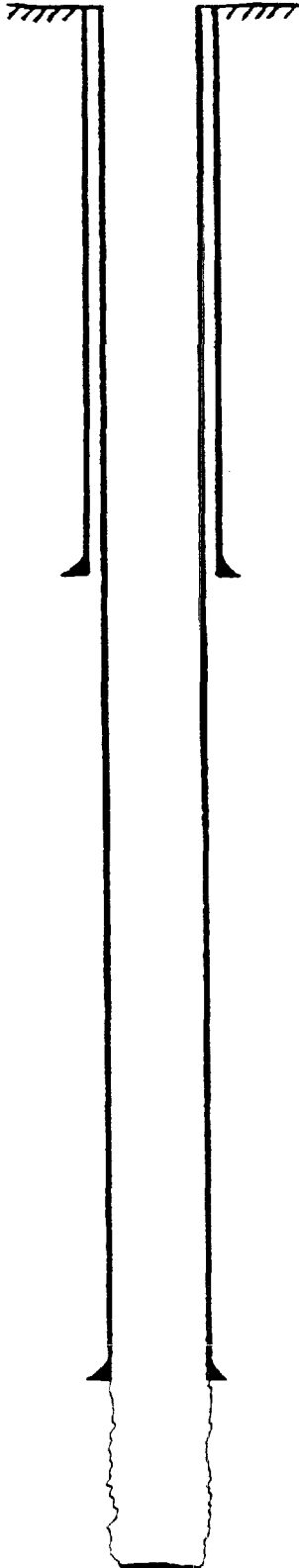
8 5/8 " casing set at 193 ' with 100 sx of NEAT cement
Hole size 11 " CIRC.

5 1/2 " casing set at 3049 ' with 125 sx of NEAT ceme
Total Depth 3058 ' Hole size 8 " TOC 2631'
50% efficiency

OH 3049 - 3058

| | | | |
|----------|------------------------------|----------|-------------------------|
| OPERATOR | Circle Ridge Production Inc. | DATE | 7-11-90 |
| LEASE | Rock Queen Unit | WELL NO. | 12 |
| | | LOCATION | Sec 26 T135 R31E unit L |

STATUS: TA'D



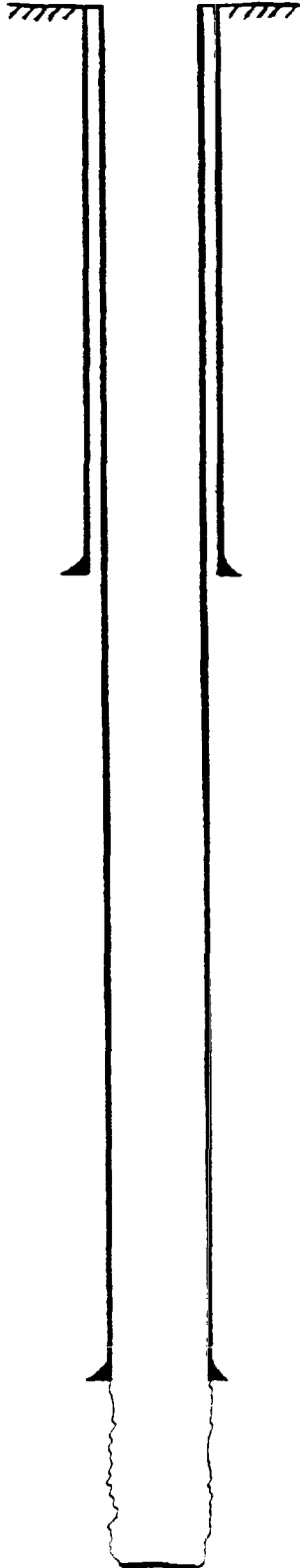
8 5/8 " casing set at 205 ' with 100 sx of NEAT cemen
Hole size 11 " Circ.

5 1/2 " casing set at 3022 ' with 100 sx of NEAT cem
Total Depth 3032 ' Hole size 8 " TOC 2687'
50% efficiency

OH 3022 - 3032

| | | | |
|----------|------------------------------|----------|-------------------------|
| OPERATOR | Circle Ridge Production Inc. | DATE | 7-11-90 |
| LEASE | Rock Queen Unit | WELL No | 11 |
| | | LOCATION | SEC 26 T13S R31E unit k |

STATUS: Producer
OH 3022-3033



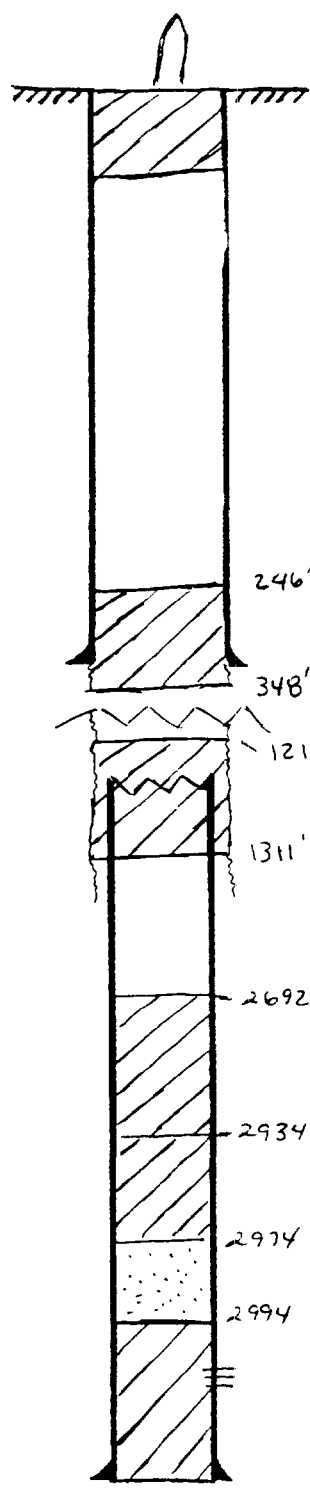
8 5/8 " casing set at 223 ' with 100 sx of Neat cemen
Hole size 11 " CIRC

5 1/2 " casing set at 3022 ' with 100 sx of Neat cemen
Total Depth 3033 ' Hole size 8 " TOC 2687 '
SD efficiency

OH 3022 - 3033

| | | | |
|----------|----------------------------|----------|-------------------------|
| OPERATOR | GREAT WESTERN DRILLING CO. | DATE | 7-11-90 |
| LEASE | ROCK QUEEN UNIT | WELL No. | 8 |
| | | LOCATION | Sec 27 T13S-R31E Unit H |

STATUS: A+A
3-6-76



10 5x5 @ surface

30 5x5 @ 348-246'

246'

9 5/8" casing set at 306' with 140 sx of Neat cement

348'

Hole size 12 1/4" Circ. cmt.

1211'

1311'

SHOT AND pulled 5 1/2" casing @ 1264'
Set 20 sx plug 1311-1211'

2692'

25 sx plug @ 2934-2692

2934'

25 sx plug @ 2974-2934
20' SAND

2974'

Squeezed perms w/ 150 sx

2994'

perms 3024-3028 6 slots/ft.

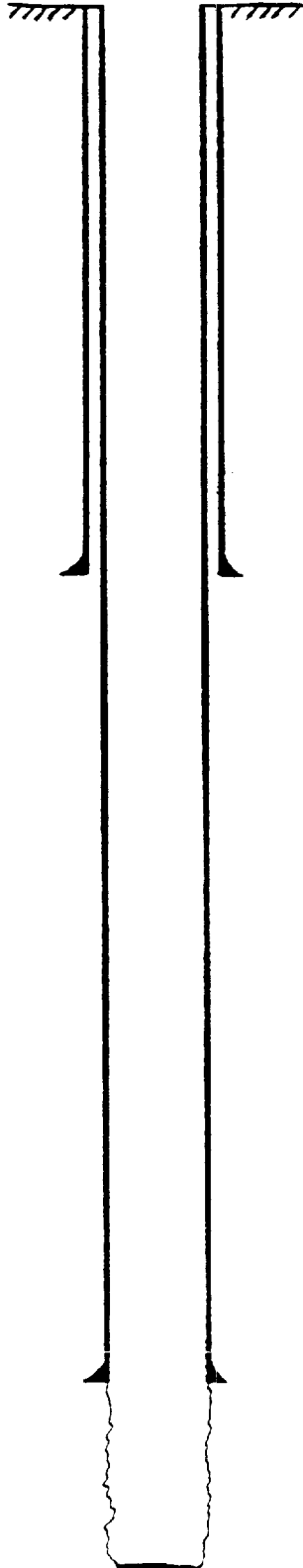
5 1/2" casing set at 3045' with 100 sx of Neat cement

Total Depth 3045' Hole size 6 3/4" TVC 2690'
50% efficiency

| | | | |
|----------|------------------------------|----------|-------------------------|
| OPERATOR | Circle Ridge Production Inc. | DATE | 7-11-90 |
| LEASE | Rock Queen Unit | WELL No. | 4 |
| | | LOCATION | SEC 26 T13S R31E unit D |

STATUS: Injection well

OH 3034-3051



8 5/8 " casing set at 260 ' with 100 sx of NEAT cemen

Hole size 12 1/4 " Circ.

5 1/2 " casing set at 3034 ' with 100 sx of NEAT ceme

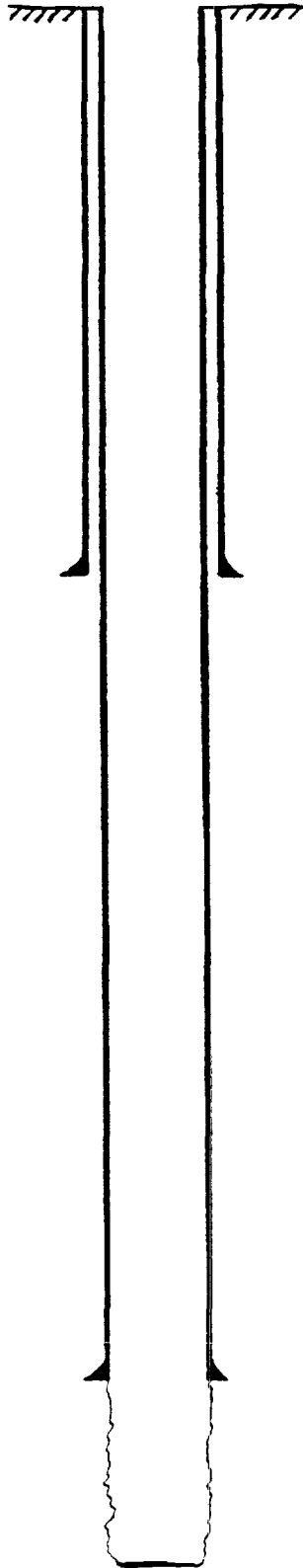
Total Depth 3051 ' Hole size 8 " TOC 2699 '

50% efficiency

OH 3034-3051

| | | | |
|----------|------------------------------|----------|-------------------------|
| OPERATOR | Circle Ridge Production Inc. | DATE | 7-11-90 |
| LEASE | Rock Queen Unit | WELL No. | S |
| | | LOCATION | Sec 26 T13S R31E Unit E |

STATUS: producer
OH 3036-3055'



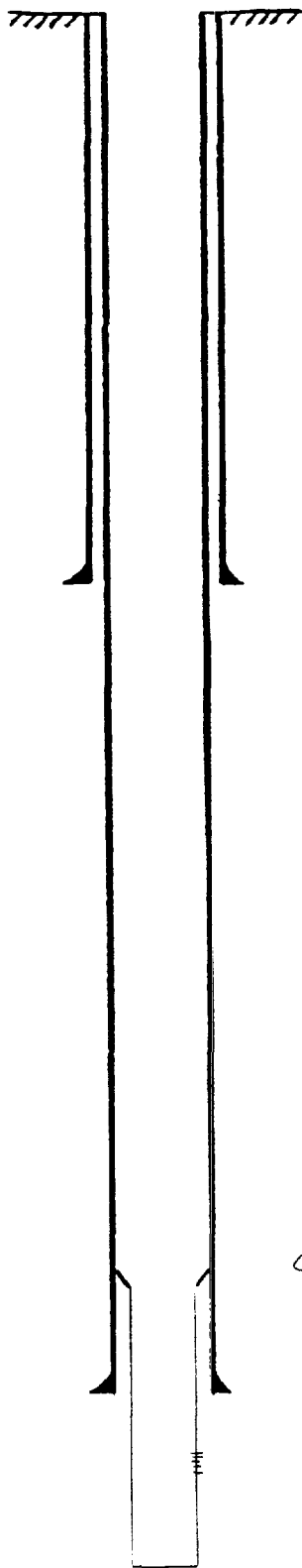
8 5/8 " casing set at 263 ' with 100 sx of NEAT cemen
Hole size 12 1/4 " circ

5 1/2 " casing set at 3036 ' with 100 sx of NEAT cemen
Total Depth 3055 ' Hole size 8 " TOC 2701'
50% efficiency

OH 3036-3055'

| | | | |
|----------|------------------------------|----------|------------------------|
| OPERATOR | Circle Ridge Production Inc. | DATE | 7-11-90 |
| LEASE | Rock Queen Unit | WELL No. | 6 |
| | | LOCATION | SEC 26 T13S R31E mit F |

STATUS: Injection well
perfs 3036-3044



8 5/8 " casing set at 225 ' with 125 sx of NEAT cemen
Hole size 12 1/4 " circ.

liner top @ 2988'

5 1/2 " casing set at 3042 ' with 100 sx of NEAT cemen
Total Depth 3052 ' Hole size 8 " TOC 2707'
Set 64' of 4 1/2" liner @ 3052 w/ 35 SXS
Perf 3036-3044
50% efficiency

APPLICATION FOR AUTHORIZATION TO INJECT

I. Purpose: Secondary Recovery Pressure Maintenance Disposal Storage
Application qualifies for administrative approval? yes no

II. Operator: CIRCLE RIDGE PRODUCTION INC.

Address: P.O BOX 636 HOBBS, NEW MEXICO 88240

Contact party: JAMES DAVIS Phone: 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? yes no
If yes, give the Division order number authorizing the project _____.

V. 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:

1. Proposed average and maximum daily rate and volume of fluids to be injected;
2. Whether the system is open or closed;
3. Proposed average and maximum injection pressure;
4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and
5. 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: MICHAEL L. PIERCE Title: AGENT 505 392 1915

Signature: [Signature] Date: 7/18/90

OIL CONSERVATION DIVISION
Circle Ridge
2

* If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be duplicated and resubmitted. Please show the date and circumstance of the earlier submittal.

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

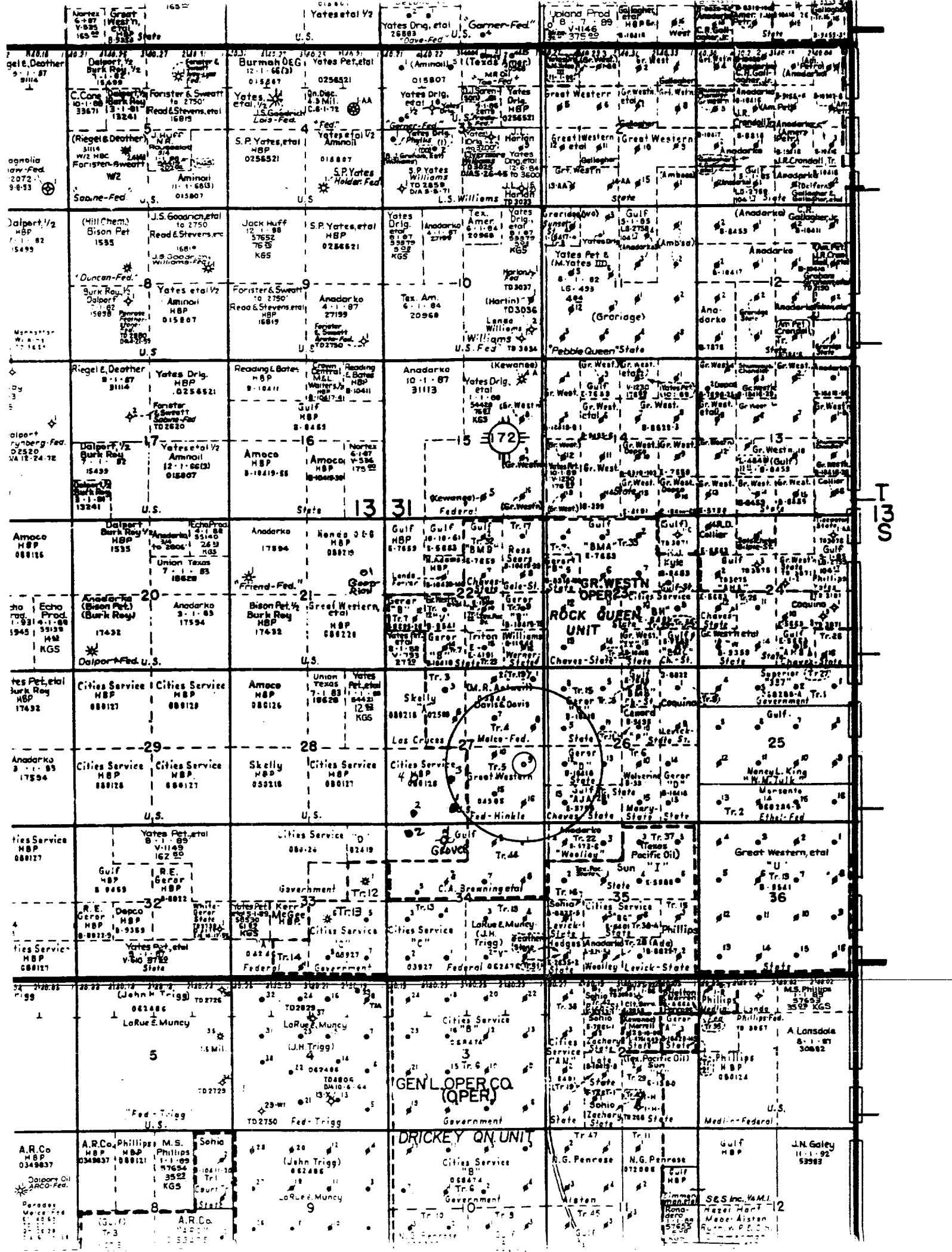
All applicants must furnish proof that a copy of the application has been furnished, by certified or registered mail, to the owner of the surface of the land on which the well is to be located and to each leasehold operator within one-half mile of the well location.

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.



TMS

FORM C- 108

APPLICATION FOR AUTHORIZATION TO INJECT

CIRCLE RIDGE PRODUCTION INC.

III. A

1. ROCK QUEEN UNIT WELL NO. 9
SEC.27 T13S R31E UNIT LETTER I
1930 FSL AND 660 FEL
2. 8 5/8" 24# CSG SET AT 317' WITH 200 SXS CMT CIRC
5 1/2" 14# CSG SET AT 3020' WITH 200 SXS TOC 1600'
100% EFFICIENCY. 2308' 50% EFFICIENCY.
3. Plan to run 2 7/8" plastic lined tubing set at approx.
2990'.
4. Plan to run a Haliburton Tension Packer and set approx.
2990'.

III B

- 1.The injection interval is the Queen Sand. Caprock Queen
Field.
- 2.The injection interval is open-hole 3020 - 3028'.
3. This 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. 150
barrels per day. with a maximum of 300 barrels 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 the water will be reinjected
produced water.
 5. N/A

Part 8. Previously submitted

Part 9. No stimulation proposed.

Part 10. Previously submitted.

Part 11. I have examined all geologic and engineering data available to me and find no evidence of open faults or any other hydrologic connection between the injection zone and any underground source of drinking water.

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
P. O. BOX 2086
SANTA FE, NEW MEXICO 87501

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

| | |
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| LAND OFFICE | |
| TRANSPORTER | OIL |
| | NATURAL GAS |
| OPERATOR | |
| PRORATION OFFICE | |

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I. Operator
Circle Ridge Production Inc.

Address
c/o Oil Reports & Gas Services, Inc., P. O. Box 755, Hobbs, NM 88241

Reason(s) for filing (Check proper box)

| | | |
|--|---|-------------------------------------|
| <input type="checkbox"/> New Well | Change in Transporter of: | <input type="checkbox"/> Dry Gas |
| <input type="checkbox"/> Recompletion | <input checked="" type="checkbox"/> Oil | <input type="checkbox"/> Condensate |
| <input type="checkbox"/> Change in Ownership | <input type="checkbox"/> casinghead Gas | |

Other (Please explain)

If change of ownership give name and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Nm-03844

| | | | | |
|--|---------------|---|---|--------------------|
| Lease Name Rock Queen Unit Sec. 27 | Well No. 9 | Pool Name, including Formation Caprock Queen | Kind of Lease State, Federal or Fee Federal | Lease No. Above |
| Location Unit Letter <u>I</u> : <u>1980</u> Feet From The <u>South</u> Line and <u>660</u> Feet From The <u>East</u> Line of Section <u>27</u> Township <u>13 S</u> Range <u>31 E</u> , NMPM, <u>Chaves</u> County | | | | |

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

| | | | | | | |
|---|--|------------|-------------|-------------|----------------------------------|------|
| Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/> Navajo Refining Company | Address (Give address to which approved copy of this form is to be sent) P. O. Box 159, Artesia, NM 88210 | | | | | |
| Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input type="checkbox"/> | Address (Give address to which approved copy of this form is to be sent) | | | | | |
| If well produces oil or liquids, give location of tanks. | Unit G | Sec. 34 | Twp. 13S | Rge. 31E | Is gas actually connected? No | When |

If this production is commingled with that from any other lease or pool, give commingling order number

NOTE: Complete Parts IV and V on reverse side if necessary.

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given is true and complete to the best of my knowledge and belief.

Mark Walker
(Signature)

Agent

(Title)

12/1/86

(Date)

OIL CONSERVATION DIVISION

APPROVED DEC 2 1986, 19
BY Paul Kautz
Geologist
TITLE _____

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowable on new and recompleted wells.

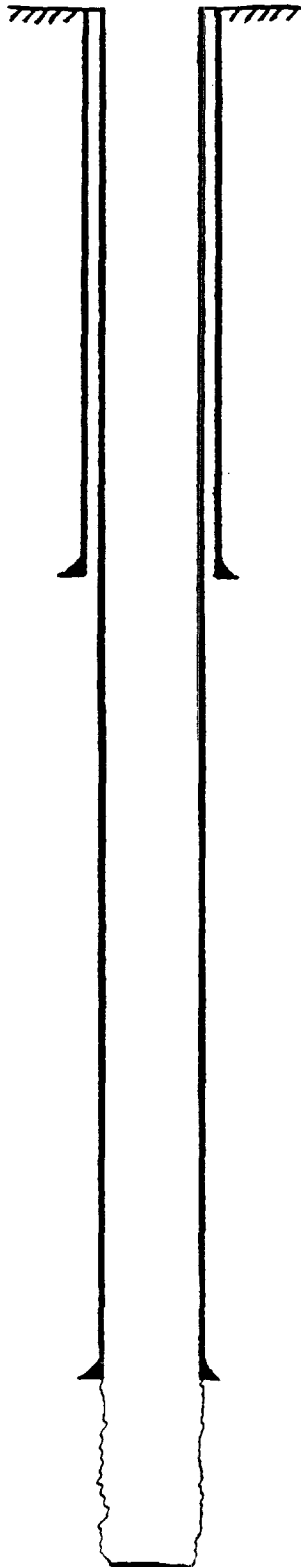
Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.

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

| | | | |
|----------|------------------------------|----------|-------------------------|
| OPERATOR | Circle Ridge Production Inc. | DATE | 7-11-90 |
| LEASE | Rock Queen Unit | WELL No. | 9 |
| | | LOCATION | SEC 27 T13S R31E UNIT I |

STATUS: PRODUCER

OH 3020 - 3028'



8 5/8 " casing set at 317 ' with 200 sx of NEAT cement

Hole size 12 1/4 " circ.

5 1/2 " casing set at 3020 ' with 200 sx of NEAT ceme

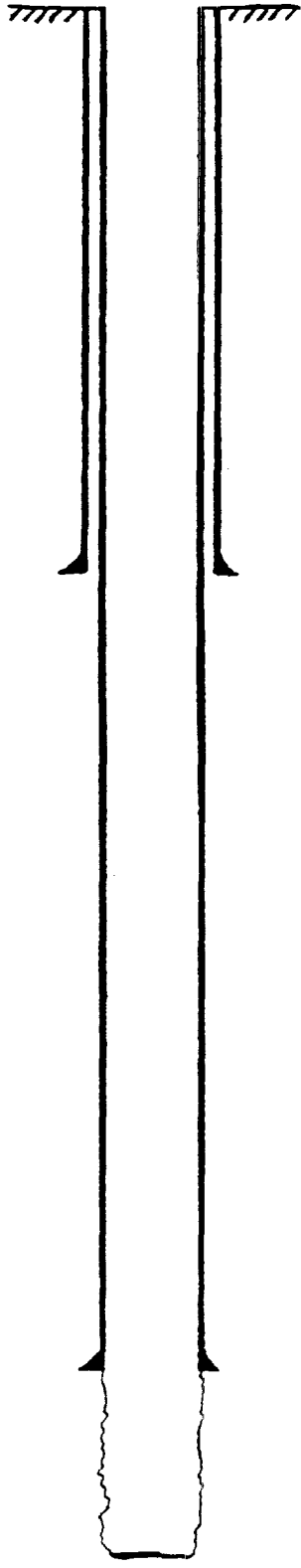
Total Depth 3028 ' Hole size 6 3/4 " TOC 2308'

50% Efficiency

OH 3020 - 3028

| | | | |
|----------|------------------------------|----------|-------------------------|
| OPERATOR | Circle Ridge Production Inc. | DATE | 7-11-90 |
| LEASE | Rock Queen Unit | WELL No. | 12 |
| | | LOCATION | Sec 26 T13S R31E Unit L |

STATUS: TA'D

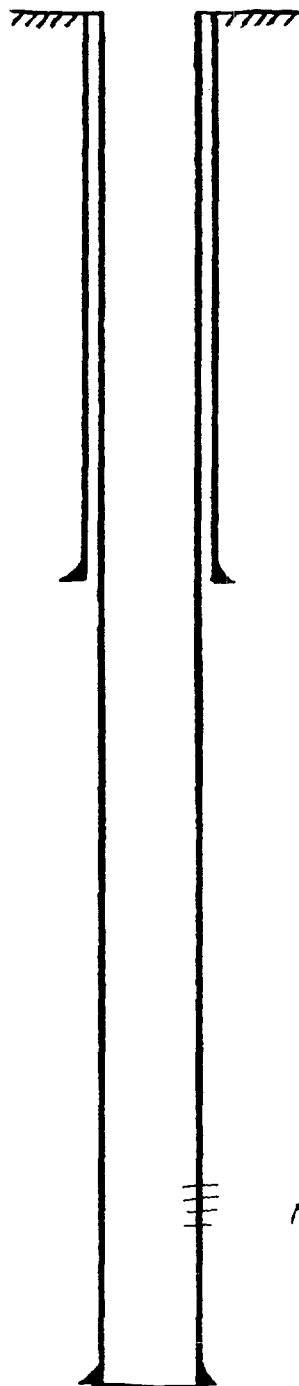


8 5/8 " casing set at 205 ' with 100 sx of NEAT cement
Hole size 11 " circ.

5 1/2 " casing set at 3022 ' with 100 sx of NEAT ceme
Total Depth 3032 ' Hole size 6 3/4 " Toc 2677'
50% efficiency
OH 3022 - 3032

| | | |
|------------------------------|---------------|-------------------------------------|
| OPERATOR DAKOTA RESOURCES | | DATE 7-11-90 |
| LEASE WAKAN TANKA FEDERAL | WELL No. 3 | LOCATION Sec 27 T13S-R31E unit K |

STATUS: producer



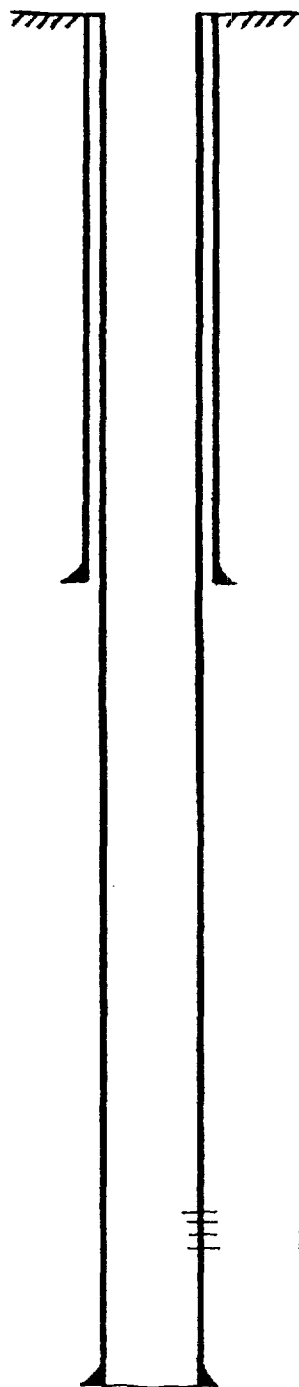
8 5/8 " casing set at 313 ' with 200 sx of C cement
Hole size 12 1/4 " circ. cnt.

perfs 2896 - 2909

5 1/2 " casing set at 2982 ' with 400 sx of C cement
Total Depth 2982 ' Hole size 7 7/8 " circ. cnt

| | | | |
|----------|---------------------|----------|-------------------------|
| OPERATOR | DAKOTA RESOURCES | DATE | 7-11-90 |
| LEASE | WAKAN TANKA FEDERAL | WELL No. | 1 |
| | | LOCATION | Sec 27-7135-R31E unit N |

STATUS: producer



9 5/8 " casing set at 313 ' with 145 sx of C cement
Hole size 12 1/4 " Circ Cmt

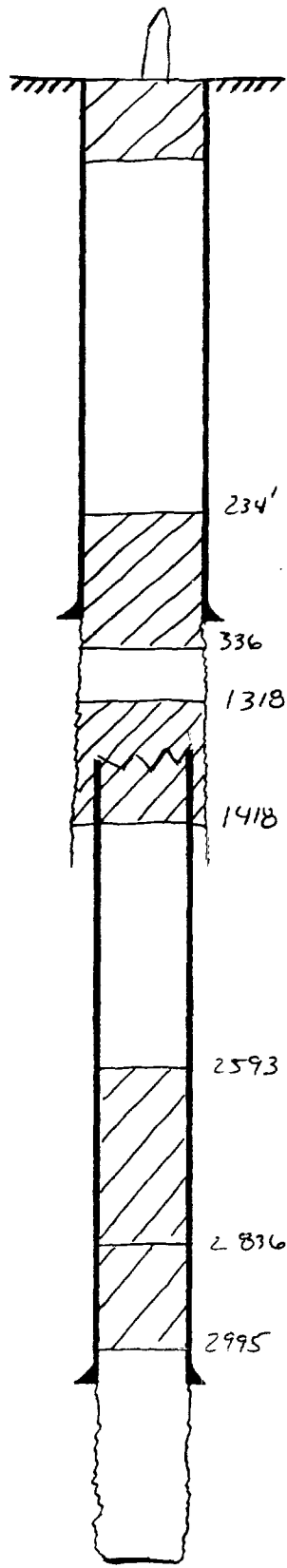
perfs 2893 - 2898

5 1/2 " casing set at 2970 ' with 450 sx of C cement
Total Depth 2970 ' Hole size 7 7/8 " Circ. cmt.

| | | | |
|----------|----------------------------|----------|-------------------------|
| OPERATOR | GREAT WESTERN DRILLING CO. | DATE | 7-11-90 |
| LEASE | ROCK QUEEN UNIT | WELL No. | 6 |
| | | LOCATION | SEC 27 T13S-R31E unit F |

STATUS: P+A

3-10-76



10 SXS @ SURFACE

234' 30 SXS @ 336-234'

8 5/8" casing set at 296' with 200 sx of neat cement

336 Hole size 12" circ. cmt.

1318'

25 SXS @ 1418 to 1318'

1418'

5 1/2" casing snub and pulled @ 1368'

2593'

25 SXS plug @ 2836 to 2593'

25 SXS plug @ 2995 to 2836

2836'

2995'

5 1/2" casing set at 3027' with 200 sx of neat cement

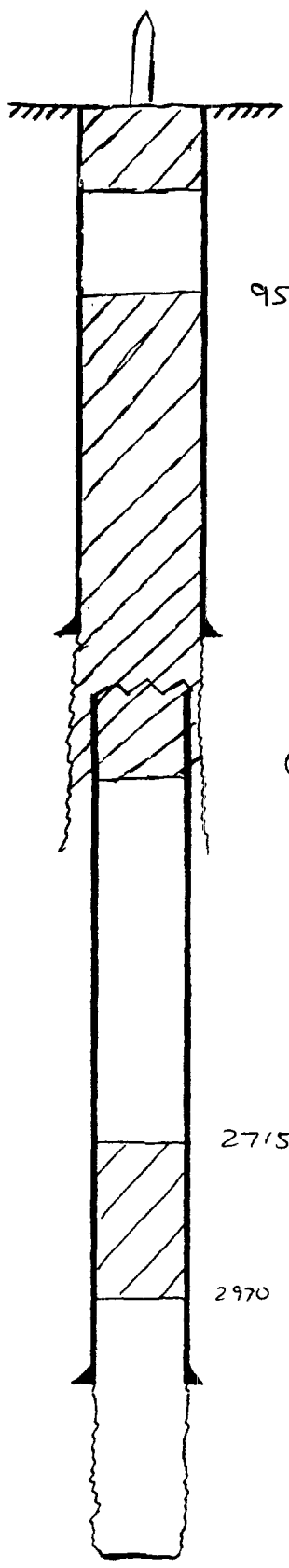
Total Depth 3045' Hole size 6 1/4" Toc 2317'

OH 3027 - 3045

50% efficiency

| | | |
|--|-----------------|-------------------------------------|
| OPERATOR GREAT WESTERN DRILLING CO. | DATE 7-11-90 | |
| LEASE ROCK QUEEN UNIT | WELL No. 10 | LOCATION Sec 27 T13S R31E Unit J |

STATUS: P+A 7-17-80



10 SX plug @ surface

95'

SHOT AND pulled 5 1/2" casing @ 306' set 75 SX plug TOC 95' tagged

8 5/8" casing set at 282' with 200 SX of NEAT cement
Hole size 12 1/4" Circ. cmt.

Casing Leak @ 518-550' cmta w/ 885 SXS cmt.
Drilled Hmcx cmt from 500' to 575' test to 1000 # OK

2715'

Set 25 SX plug @ 2970-2715'

2970

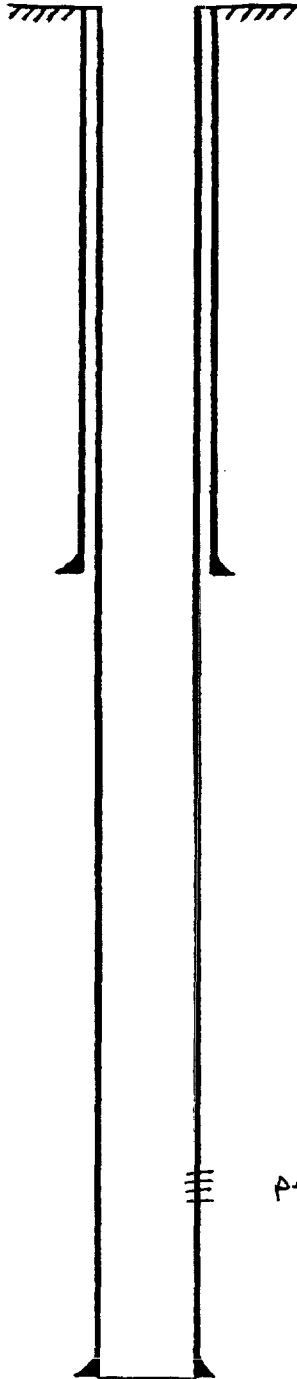
5 1/2" casing set at 3013' with 100 SX of NEAT cement

Total Depth 3028' Hole size 7 3/4" TOC 2658' 50% efficiency

OH 3013-3028

| | | | |
|----------|------------------------------|----------|-------------------------|
| OPERATOR | Circle Ridge Production Inc. | DATE | 7-11-90 |
| LEASE | Rock Queen Unit | WELL NO. | 7 |
| | | LOCATION | SEC 27 T13S R31E unit 6 |

STATUS: PRODUCER
perfs 3023-3027'



8⁵/₈ " casing set at 315 ' with 145 sx of NEAT cement
Hole size 11 " circ.

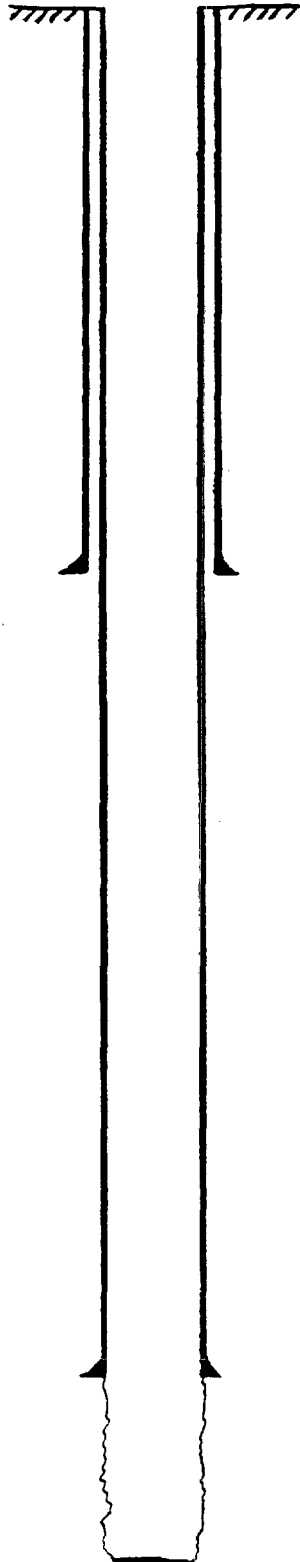
perf 3023-3027
6 SHOTS/ft

5¹/₂ " casing set at 3038 ' with 100 sx of NEAT ceme:
Total Depth 3038 ' Hole size 8 " TOC 2703'
50% efficiency

| | | | |
|----------|------------------------------|----------|-------------------------|
| OPERATOR | Circle Ridge Production Inc. | DATE | 7-11-90 |
| LEASE | Rock Queen Unit | WELL No. | 15 |
| | | LOCATION | sec 27-T13S-R31E UNIT 0 |

STATUS: Producer

OH 3019-3029'



8 5/8 " casing set at 292 ' with 200 sx of NEAT cement

Hole size 12 1/4 " circ.

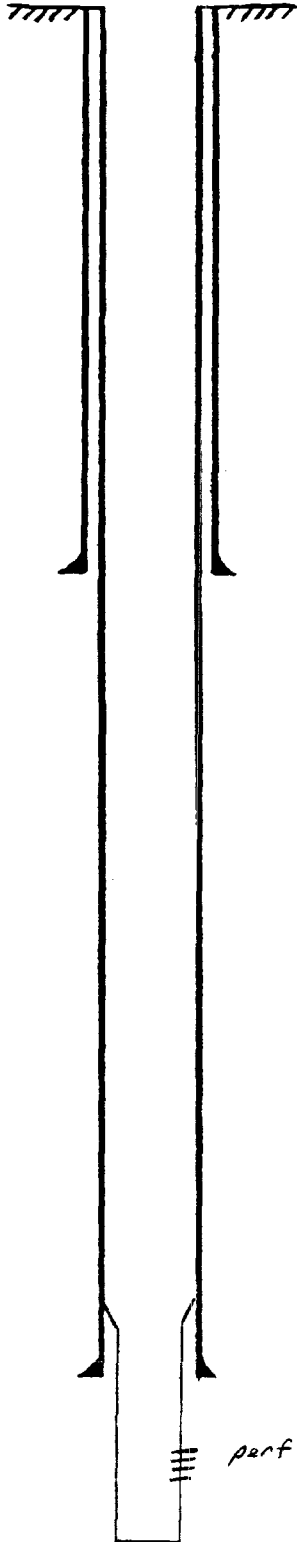
5 1/2 " casing set at 3019 ' with 100 sx of NEAT cement

Total Depth 3029 ' Hole size 8 " TOC 2684'
 sub efficiency

OH 3019-3029'

| | | | |
|----------|------------------------------|----------|-------------------------|
| OPERATOR | Circle Ridge Production Inc. | DATE | 7-11-90 |
| LEASE | Rock Queen Unit | WELL NO. | 10 |
| | | LOCATION | Sec 27 T135 R31E UNIT A |

STATUS : Injection Well
perfs 3020 - 3024



8 5/8 " casing set at 315 ' with 200 sx of NEAT cement
Hole size 12 1/4 " Circ.

5 1/2 " casing set at 3019 ' with 200 sx of NEAT cement
Total Depth 3024 ' Hole size 7 7/8 " TOC 2350'
perf 3020-3024' 50% efficiency

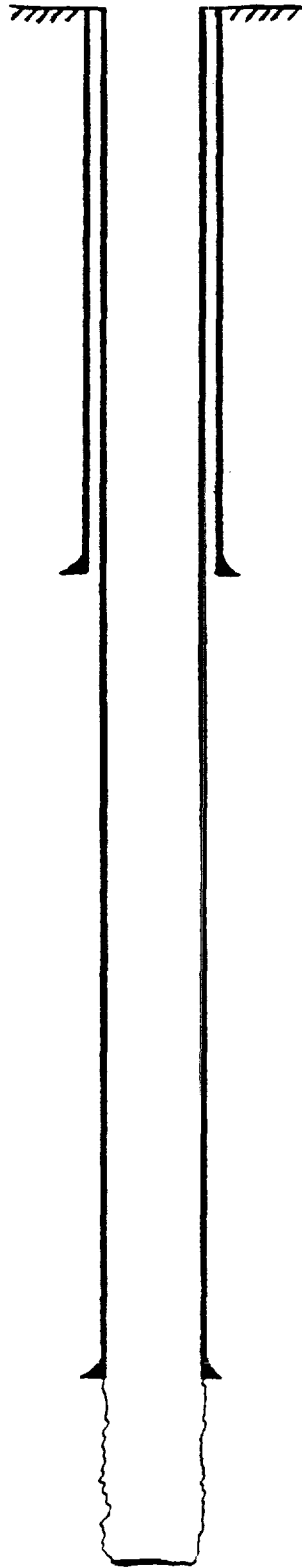
4 1/2 " Linea set @ 3024 with 50 SX
Top of Linea @ 2992'

| | | | |
|----------|------------------------------|----------|-------------------------|
| OPERATOR | Circle Ridge Production Inc. | DATE | 7-11-90 |
| LEASE | Rock Queen Unit | WELL No. | 4 |
| | | LOCATION | Sec 35 T 3S R31E unit D |

STATUS: Injection well

OH 3022-3041

Converted to injection 5-29-62



8 5/8 " casing set at 302 ' with 225 sx of NEAT cement
Hole size 12 1/4 " Circ

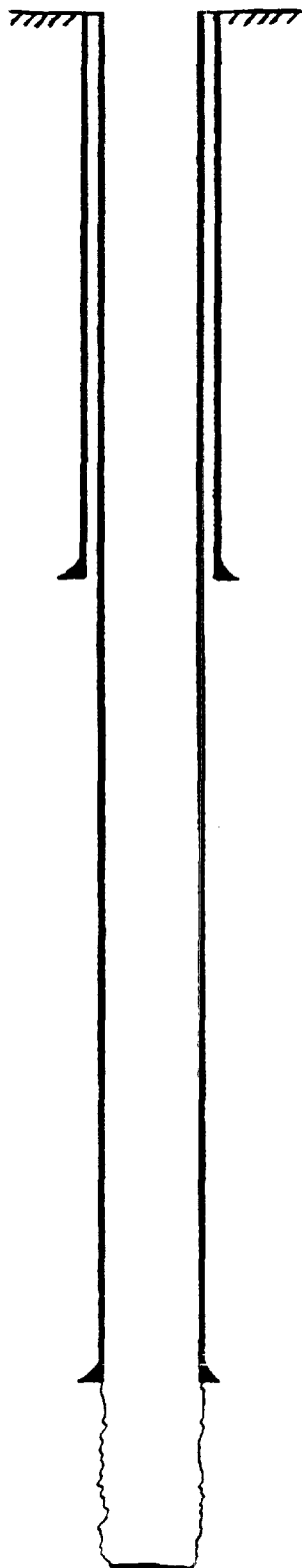
5 1/2 " casing set at 3022 ' with 100 sx of NEAT cement
Total Depth 3041 ' Hole size 8 " TOC 2688 '
50% efficiency

OH 3022-3041'

| | | | |
|----------|------------------------------|----------|-------------------------|
| OPERATOR | Circle Ridge Production Inc. | DATE | 7-11-90 |
| LEASE | Rock Queen Unit | WELL No. | 1 |
| | | LOCATION | SEC 34 T13S R31E Unit A |

STATUS: PRODUCER

OH 3030 - 3050



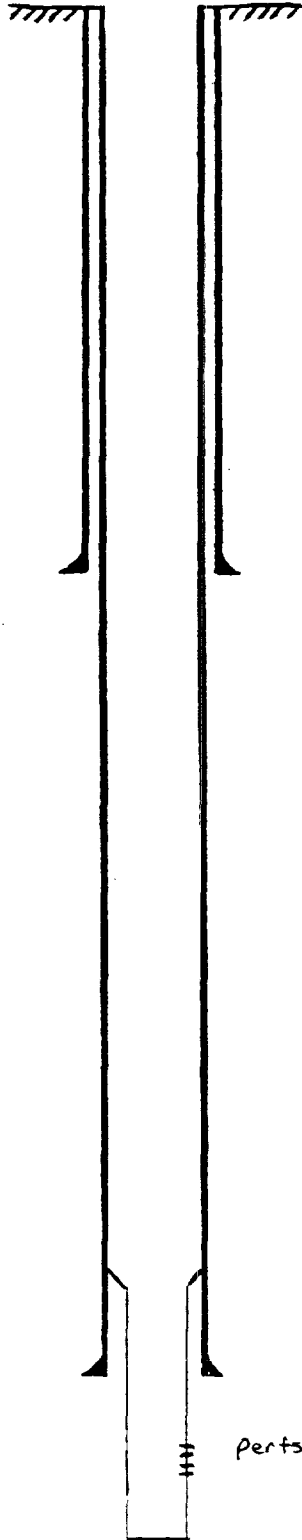
8⁵/₈ " casing set at 314 ' with 300 sx of NEAT cement
Hole size 12¹/₄ " circ.

5¹/₂ " casing set at 3030 ' with 1450 sx of NEAT ceme
Total Depth 3050 ' Hole size 8 " circ. cmt.

OH 3030 - 3050

| | | | |
|----------|------------------------------|----------|-------------------------|
| OPERATOR | Circle Ridge Production Inc. | DATE | 7-11-90 |
| LEASE | Rock Queen Unit | WELL No. | 2 |
| | | LOCATION | SEC 34 T13S R31E unit 6 |

STATUS: producer
 perts 3023-33



8 5/8 " casing set at 271 ' with 150 sx of NEAT cement
 Hole size 11 " Circ 25 5x5

4 1/2 " casing set at 3020 ' with 75 sx of NEAT ceme

Total Depth 3034 ' Hole size 6 3/4 " TOL 2754'
 perts 3023-3033 50% efficiency

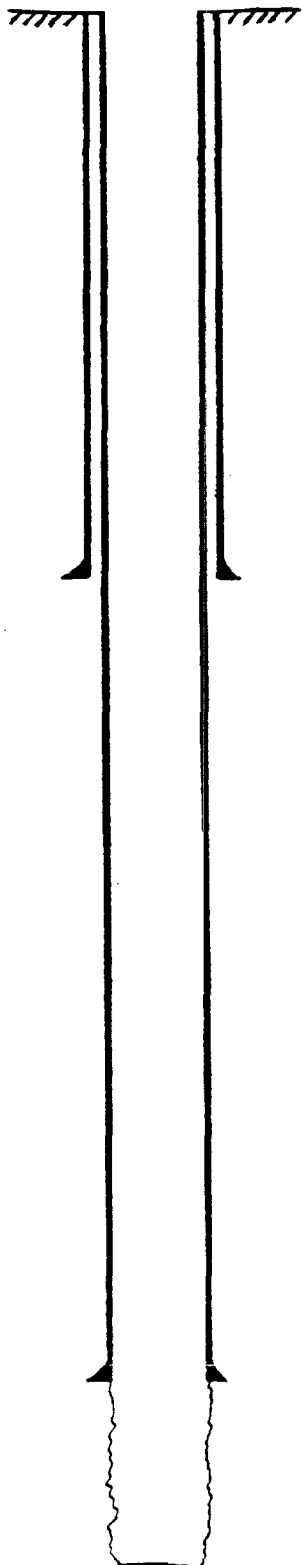
RAM 90' 3 1/2" Liner set @ 3034

Top of Liner @ 2944'

per 3023-3033

| | | | |
|----------|------------------------------|----------|-------------------------|
| OPERATOR | Circle Ridge Production Inc. | DATE | 7-11-90 |
| LEASE | Rock Queen Unit | WELL No. | S |
| | | LOCATION | SEC 26 T13S R31E UNIT E |

STATUS: producer
OH 3036-3055'



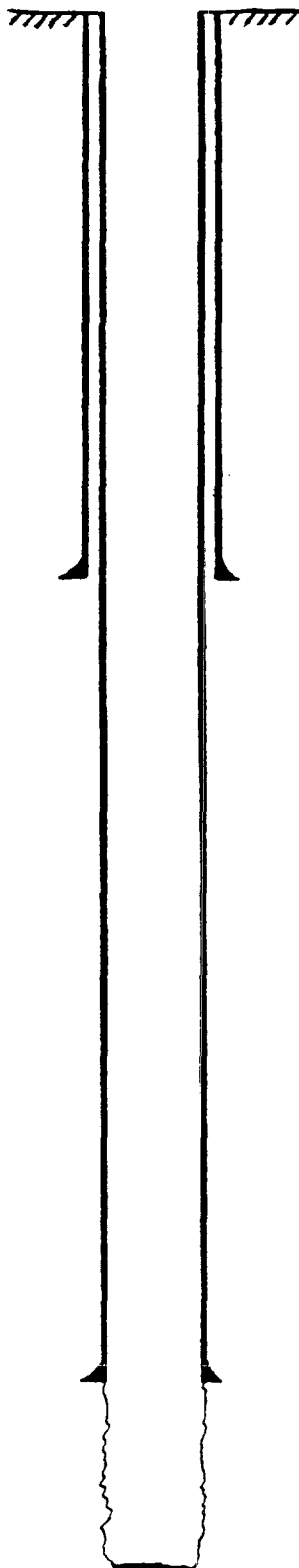
8 5/8 " casing set at 263 ' with 100 sx of NEAT cement
Hole size 12 1/4 " circ

5 1/2 " casing set at 3036 ' with 100 sx of NEAT ceme
Total Depth 3055 ' Hole size 6 3/4 " TOC 2681'
50% efficiency

OH 3036-3055'

| | | | |
|----------|------------------------------|----------|-------------------------|
| OPERATOR | Circle Ridge Production Inc. | DATE | 7-11-90 |
| LEASE | Rock Queen Unit | WELL No. | 4 |
| | | LOCATION | SEC 26 T135 R31E Unit D |

STATUS: Injection well
OH 3034-3051



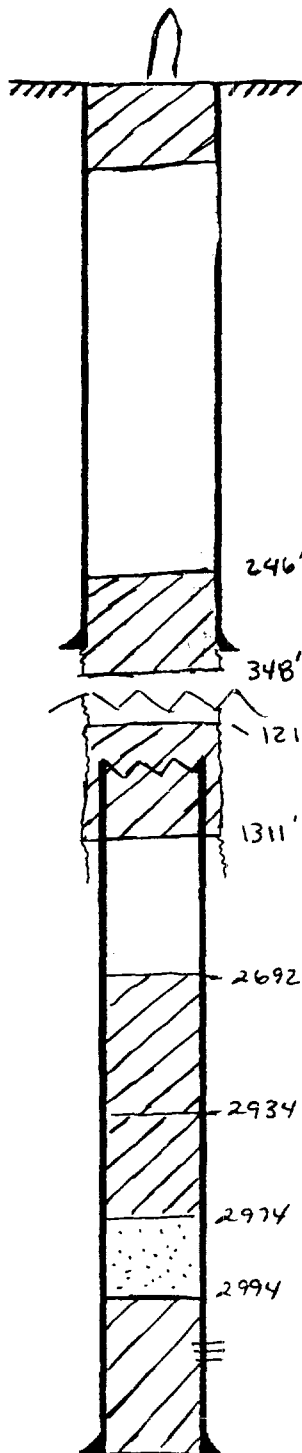
8 5/8 " casing set at 260 ' with 100 sx of NEAT cement
Hole size 12 1/4 " Circ.

5 1/2 " casing set at 3034 ' with 100 sx of NEAT cement
Total Depth 3051 ' Hole size 6 3/4 " TOC 2679 '
50% efficiency

OH 3034-3051

| | | | |
|----------|----------------------------|----------|-------------------------|
| OPERATOR | GREAT WESTERN DRILLING CO. | DATE | 7-11-90 |
| LEASE | ROCK QUEEN UNIT | WELL No. | 8 |
| | | LOCATION | Sec 27 T13S-R31E Unit H |

STATUS: P+A
3-6-76



10 5x5 @ surface

30 5x5 @ 348-246'

9 5/8" casing set at 306' with 140 sx of neat cement

Hole size 12 1/4" Circ. cas.

SHOT AND pulled 5 1/2" casing @ 1264'
Set 20 sx plug 1311-1211'

25 sx plug @ 2934-2692

25 sx plug @ 2974-2934

20' SAND

Squeezed perms w/ 150 sx

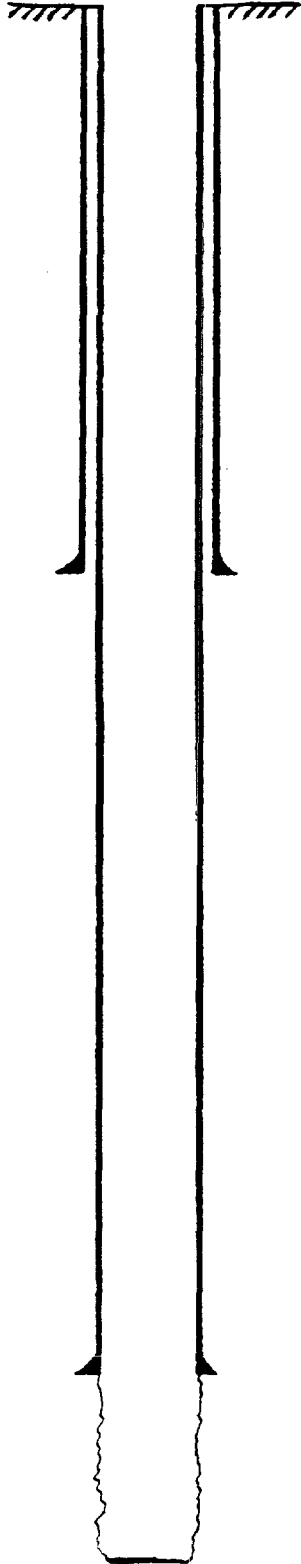
perms 3024-3028 6 shots/ft.

5 1/2" casing set at 3045' with 100 sx of neat cement

Total Depth 3045' Hole size 6 3/4" TOC 2690'
50% efficiency

| | | | |
|----------|------------------------------|----------|-------------------------|
| OPERATOR | Circle Ridge Production Inc. | DATE | 7-11-90 |
| LEASE | Rock Queen Unit | WELL No. | 11 |
| | | LOCATION | SEC 26 T13S R31E unit K |

STATUS: Producer
OH 3022-3033



8 5/8 " casing set at 223 ' with 100 sx of Neat cement

Hole size 11 " Circ

5 1/2 " casing set at 3022 ' with 100 sx of Neat ceme

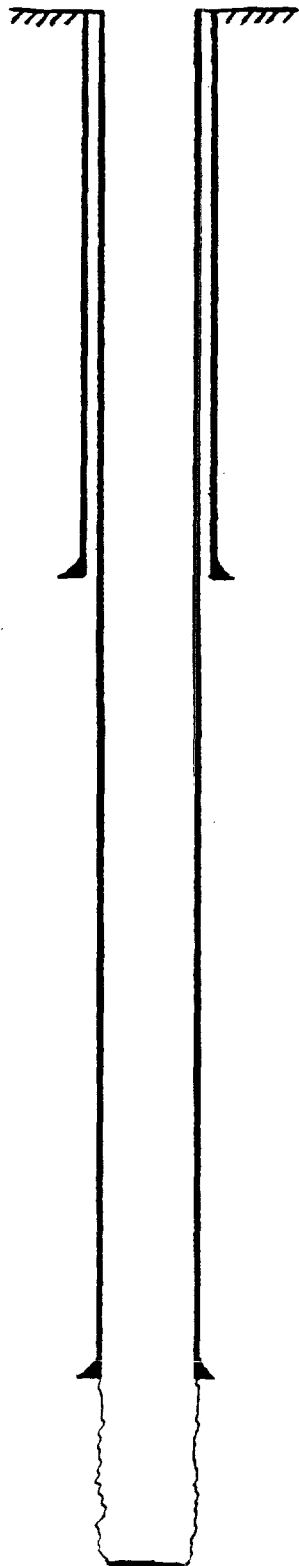
Total Depth 3033 ' Hole size 6 3/4 " Toc 2667 '
50% efficiency

OH 3022 - 3033

| | | | |
|----------|------------------------------|----------|--------------------------|
| OPERATOR | Circle Ridge Production Inc. | DATE | 7-11-90 |
| LEASE | Rock Queen Unit | WELL NO. | 13 |
| | | LOCATION | SEC 26-7135-1231E UNIT M |

STATUS: producer

OH 3026-3049



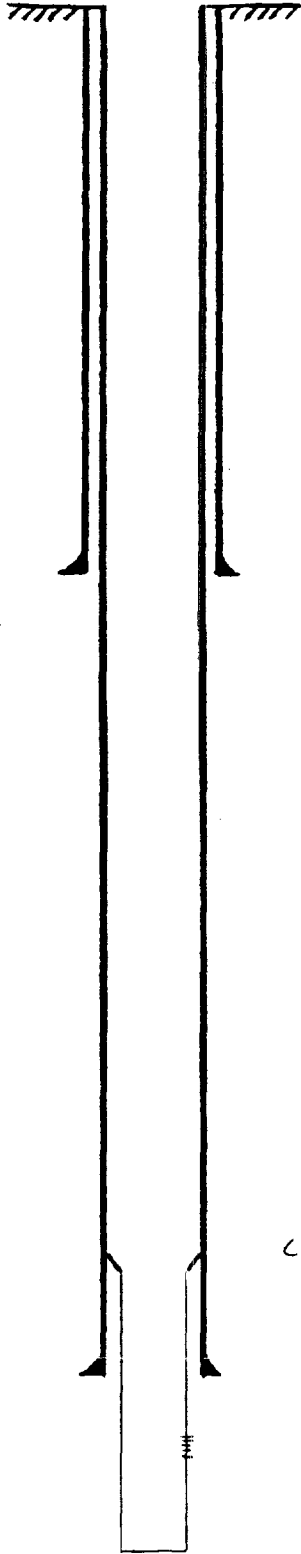
8 5/8 " casing set at 328 ' with 300 sx of NEAT cement
Hole size 12 1/4 " circ.

5 1/2 " casing set at 3026 ' with 1550 sx of NEAT ceme
Total Depth 3049 ' Hole size 8 " Circ cmt.

OH 3026-3049

| | | | |
|----------|------------------------------|----------|-----------------------|
| OPERATOR | Circle Ridge Production Inc. | DATE | 7-11-90 |
| LEASE | Rock Queen Unit | WELL No. | 6 |
| | | LOCATION | Sec 26 T35 R31E mit F |

STATUS: Injection Well
 perms 3036-3044



8 5/8 " casing set at 225 ' with 125 sx of NEAT cement
 Hole size 12 1/4 " circ.

Liner Top @ 2988'

5 1/2 " casing set at 3042 ' with 100 sx of NEAT ceme
 Total Depth 3052 ' Hole size 8 " TOC 2710' 50% efficien
 Set 64' of 4 1/2" Liner @ 3052 w/ 35 SXS
 Perf 3036-3044

DISTRICT I P.O. Box 1980, Hobbs, NM 88240

OIL CONSERVATION DIVISION P.O. Box 2088 Santa Fe, New Mexico 87504-2088

DISTRICT II P.O. Drawer DD, Artesia, NM 88210

DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO.

5. Indicate Type of Lease STATE [X] FEE []

6. State Oil & Gas Lease No. B-10418

7. Lease Name or Unit Agreement Name Rock Queen Unit Sec. 26 well # 3

8. Well No. 3

9. Pool name or Wildcat Chisrock Queen

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: OIL WELL [] GAS WELL [] OTHER Injection well

2. Name of Operator Circle Ridge Production Inc

3. Address of Operator P.O. Box 636 Hobbs NM 88240

4. Well Location Unit Letter C : 660 Feet From The North Line and 1920 Feet From The West Line Section 26 Township 13S Range 31E NMPM Chisrock County

10. Elevation (Show whether DF, RKB, RT, GR, etc.) 4426 DF

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data. NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK [] PLUG AND ABANDON [] TEMPORARILY ABANDON [] CHANGE PLANS [] PULL OR ALTER CASING [] OTHER: Convert to Injection [] SUBSEQUENT REPORT OF: REMEDIAL WORK [] ALTERING CASING [] COMMENCE DRILLING OPNS. [] PLUG AND ABANDONMENT [] CASING TEST AND CEMENT JOB [] OTHER: []

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103. Propose to pull rods and pump, RIA w/ Halliburton Tension Packer and set @ approx 3010' w/ 2 3/8" plastic coated tubing, and begin injecting into CH section @ 3052-3064'. Est injection rate @ 150 bpd per day it not more than 600 PSI. A complete Application for Authorization to inject is being submitted. Received verbal approval from Jerry Sexton and David Carruth.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE [Signature] TITLE [Title] TYPE OR PRINT NAME Michael L. Pierce

DATE 7/15/90 BEFORE EXAMINER STOCKMAN TELEPHONE NO. 392-1915

(This space for State Use) APPROVED BY [Signature] TITLE [Title] CONDITIONS OF APPROVAL, IF ANY:

OIL CONSERVATION DIVISION Circle Ridge EXHIBIT NO. 3 DATE CASE NO. 10088

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: September 30, 1990

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.
NM-03844

6. If Indian, Allottee or Tribe Name

7. Unit or CA, Agreement Designation

Rock Queen Unit

8. Well Name and No.
9

9. API Well No.

10. Field and Pool, or Exploratory Area
Caprock Queen

11. County or Parish, State
CHAVEZ

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other *injection well*

2. Name of Operator
Circle Ridge Production Inc

3. Address and Telephone No.
PO Box 636 Hobbs NM 88240 505 392 1915

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 27 T13S R31E Unit I 1980S + 660 E

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION |
|--|---|
| <input checked="" type="checkbox"/> Notice of Intent | <input type="checkbox"/> Abandonment |
| <input type="checkbox"/> Subsequent Report | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Plugging Back |
| | <input type="checkbox"/> Casing Repair |
| | <input type="checkbox"/> Altering Casing |
| | <input type="checkbox"/> Other |
| | <input type="checkbox"/> Change of Plans |
| | <input type="checkbox"/> New Construction |
| | <input type="checkbox"/> Non-Routine Fracturing |
| | <input type="checkbox"/> Water Shut-Off |
| | <input checked="" type="checkbox"/> Conversion to Injection |

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

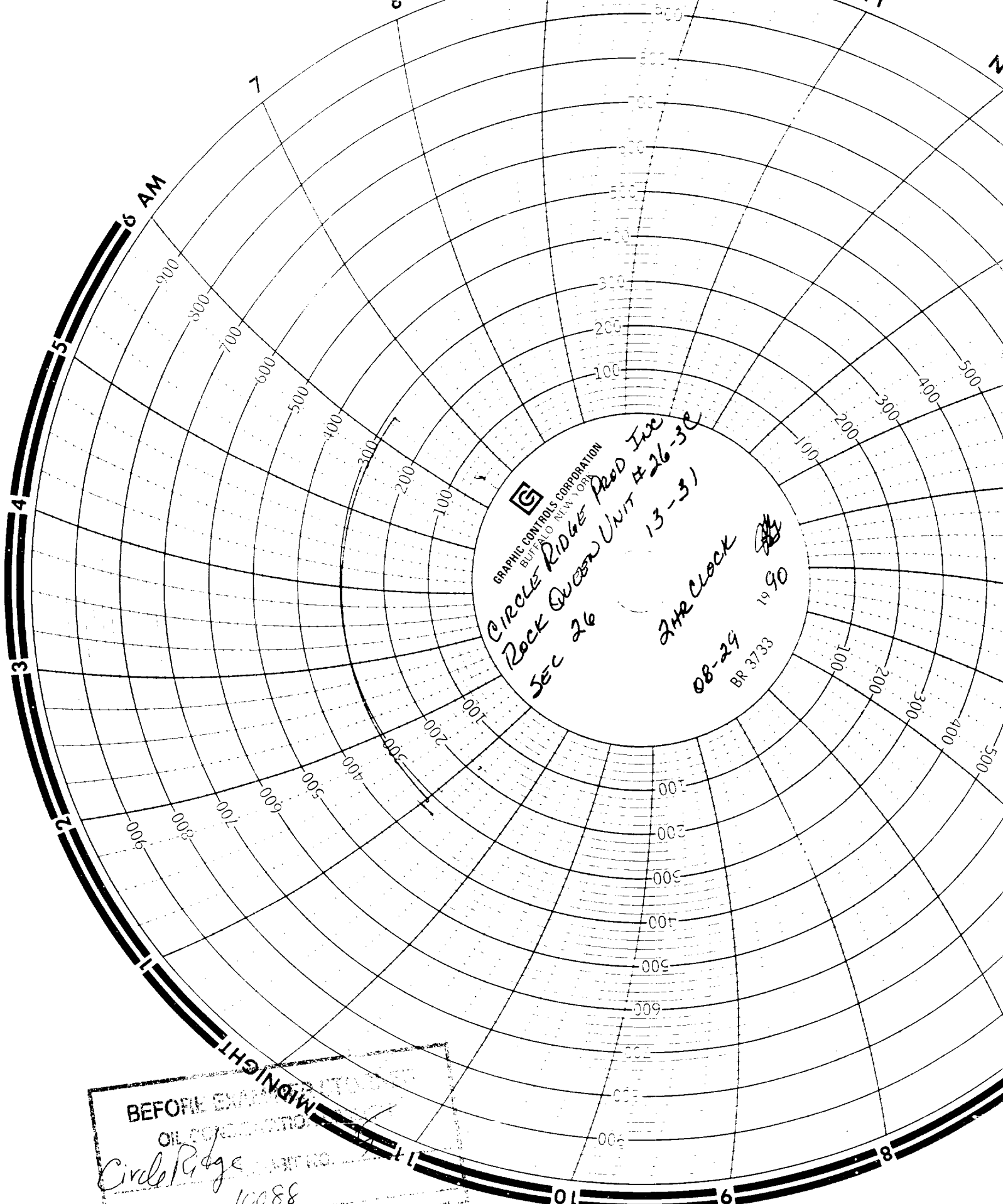
propose to begin work 7/20/90. pull rods and pump 1214 w/ plastic coated tubing and Halliburton Tension Preter Set @ approx. 2990'. Begin injecting produced water thru OH @ 3020-3028' @ approx. 150 b/day at no more than 600 PSI. A complete application for authorization to inject is being submitted recieved verbal approval from Jerry Sexton in Hobbs and Danio Catach in Santa Fe. BIM approval from Admin in Carlsbad office

14. I hereby certify that the foregoing is true and correct.
Signed *[Signature]* Title *Agent* Date *7/15/90*

(This space for Federal or State office use)
Approved by _____ Title _____ Date _____
Conditions of approval, if any.

BEFORE EXAMINER SIGNATURE
BUREAU OF LAND MANAGEMENT
Circle Ridge EXHIBIT NO. *10088*
DATE NO. _____

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

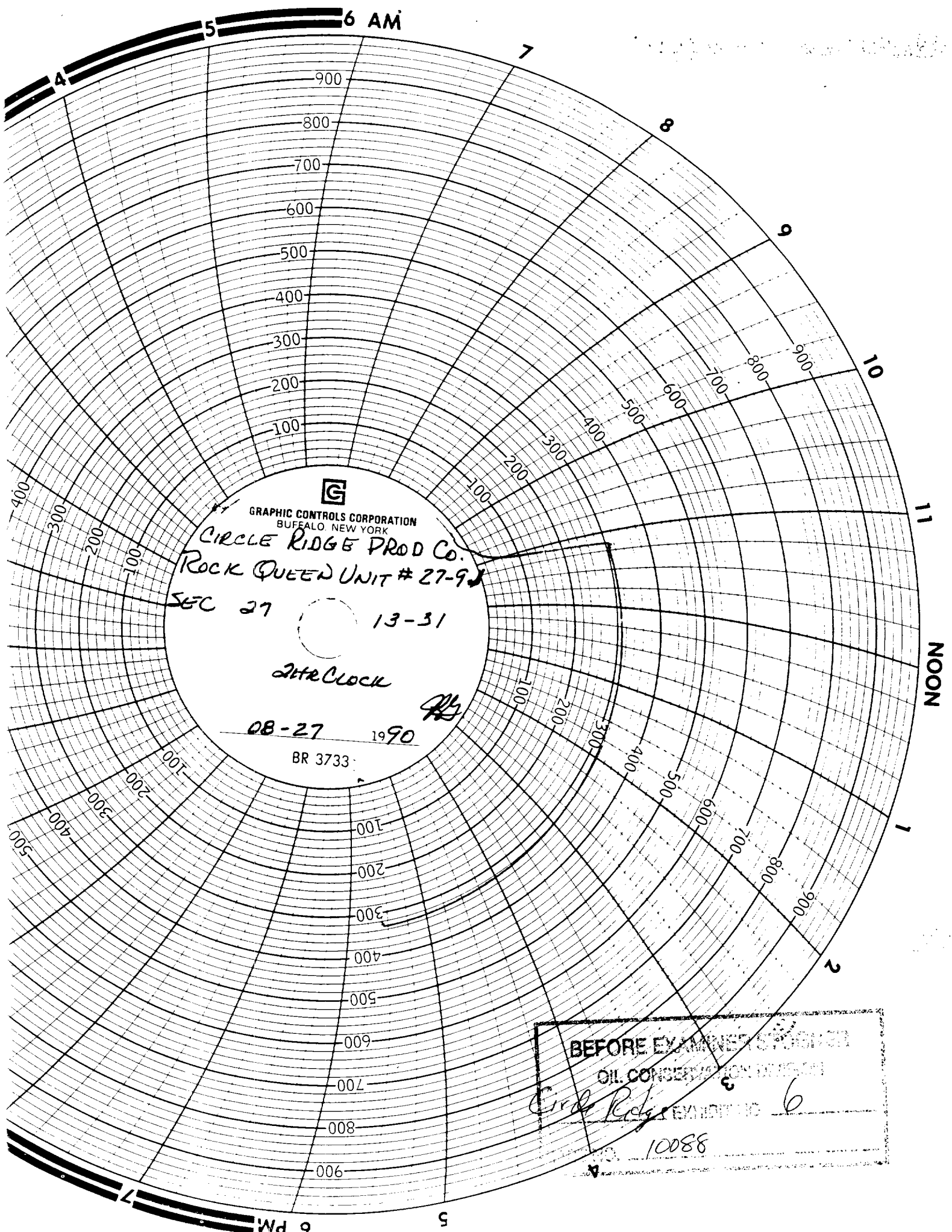


GRAPHIC CONTROLS CORPORATION
 BUFFALO, NEW YORK

CIRCLE RIDGE Prod Inc
Rock Queen UNIT #26-30
Sec 26
13-31

2 HR Clock
08-29
BR 3733
1990

BEFORE EXAMINATION
 OIL CORPORATION
Circle Ridge
 UNIT NO. *10088*



GRAPHIC CONTROLS CORPORATION
BUFFALO, NEW YORK

CIRCLE RIDGE PROD Co.
ROCK QUEEN UNIT # 27-9
SEC 27 13-31
2HR CLOCK
08-27 1990
BR 3733

BEFORE EXAMINED & SIGNED
OIL CONSERVATION DIVISION
Circle Ridge 3
EXAMINER 6
10088

P 365 078 815
RECEIPT FOR CERTIFIED MAIL
 NO INSURANCE COVERAGE PROVIDED
 NOT FOR INTERNATIONAL MAIL
 (See Reverse)

U.S.G.P.O. 1989-234-555

PS Form 3800, June 1985

| | |
|---|----------------|
| Sent to <i>MARCIA RESOURCES Inc</i> | |
| Street and No. <i>310 W. Wail Suite 415</i> | |
| P.O., State and ZIP Code <i>Midland Texas 79701</i> | |
| Postage | \$ <i>1.85</i> |
| Certified Fee | <i>85</i> |
| Special Delivery Fee | |
| Restricted Delivery Fee | |
| Return Receipt showing to whom and Date Delivered | |
| Return Receipt showing to whom, Date, and Address of Delivery | |
| TOTAL Postage and Fees | \$ <i>2.70</i> |
| Postmark or Date <i>JUL 19 1990</i> | |

P 365 078 814
RECEIPT FOR CERTIFIED MAIL
 NO INSURANCE COVERAGE PROVIDED
 NOT FOR INTERNATIONAL MAIL
 (See Reverse)

U.S.G.P.O. 1989-234-555

PS Form 3800, June 1985

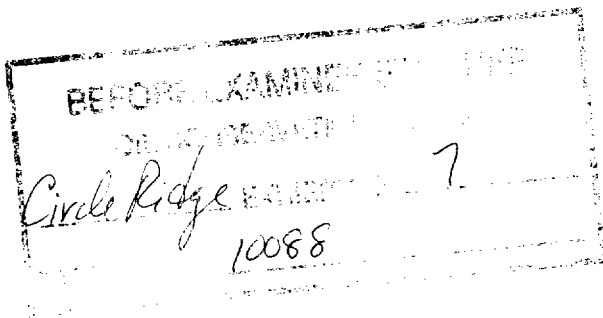
| | |
|---|----------------|
| Sent to <i>E. CANDILL</i> | |
| Street and No. <i>21401 N Denver City Highway</i> | |
| P.O., State and ZIP Code <i>N.M. 88240</i> | |
| Postage | \$ <i>1.85</i> |
| Certified Fee | <i>85</i> |
| Special Delivery Fee | |
| Restricted Delivery Fee | |
| Return Receipt showing to whom and Date Delivered | |
| Return Receipt showing to whom, Date, and Address of Delivery | |
| TOTAL Postage and Fees | \$ <i>2.70</i> |
| Postmark or Date <i>JUL 19 1990</i> | |

P 365 082 056
RECEIPT FOR CERTIFIED MAIL
 NO INSURANCE COVERAGE PROVIDED
 NOT FOR INTERNATIONAL MAIL
 (See Reverse)

U.S.G.P.O. 1989-234-555

PS Form 3800, June 1985

| | |
|---|----------------|
| Sent to <i>E.P. Candill</i> | |
| Street and No. <i>Ext State St Box 205</i> | |
| P.O., State and ZIP Code <i>Coaling Hill N.M. 88260</i> | |
| Postage | \$ <i>1.85</i> |
| Certified Fee | <i>85</i> |
| Special Delivery Fee | |
| Restricted Delivery Fee | |
| Return Receipt showing to whom and Date Delivered | |
| Return Receipt showing to whom, Date, and Address of Delivery | |
| TOTAL Postage and Fees | \$ <i>2.70</i> |
| Postmark or Date <i>JUL 19 1990</i> | |



AFFIDAVIT OF PUBLICATION

County of Chaves

State of New Mexico,

I, Jean H. Pettit
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 dated 23rd

July, 1990

and ending with the issue dated 23rd

July, 1990

Jean H. Pettit
Manager

Sworn and subscribed to before me

this 23rd day of

July, 1990

Marilyn J. Shippee
Notary Public

My commission expires

July 21, 1994
(Seal)

Publish July 23, 1990

ADVERTISEMENT

Circle Ridge Production Inc., P.O. Box 636, Hobbs, New Mexico 88240, proposes to convert the following wells to injection to enhance production at the Rock Queen Unit located in Chavez County, New Mexico.

The wells to be converted are the Rock Queen Unit Well No. 3 in sec. 26 T13S - R31E, and The Rock Queen Unit Well No. 9 in sec. 27 T13S - R31E Chavez County, New Mexico. The injection interval is known as the Queen Sand at a depth of approximately 3020'. The maximum injection rate will be 300 barrels a day, with a maximum pressure of 700 PSI.

Interested parties must file objections or requests for hearing with the Oil Conservation Division, P.O. Box 2088, Santa Fe, New Mexico 87504-2088 within 15 days.

Inquiries regarding this application should be directed to M. Pierce P.O. Box 636, Hobbs, New Mexico 88240, (505) 392-1915.

BEFORE EXAMINER STOCKER
OIL CONSERVATION DIVISION
Circle Ridge EXHIBIT NO. 8
1088