

EDDIE SEAY CONSULTING

601 W. ILLINOIS
HOBBS, NEW MEXICO 88240
(505) 392-2236
FAX (505) 392-6949

ENVIRONMENTAL,
GEOLOGICAL & REGULATORY
SPECIALISTS

PEAK
CONSULTING SERVICES



April 29, 1994

Lead Memo

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

Dear Sir:

Please find within Circle Ridge Production Inc.'s applications to convert well #6-E and well #2-C Sect. 21, Tws. 14, Range 31 E., Chaves Co., NM, to injection.

The notification of landowner, offset operator and proof of publication, have been completed on each well.

These wells qualify for administrative approval and are expansions of R-2336.

When these applications have been received, Circle Ridge would like to proceed with testing of the integrity of the wells as well as the integrity of the formations, so when applications are approved, the wells will be ready.

If you have any question, please call James Davis with Circle Ridge Production at 505-676-2130 or myself, Eddie Seay, at 505-392-2236.

Your consideration in this matter will be greatly appreciated. Looking forward to hearing from you.

Sincerely,

Eddie W Seay

Eddie W. Seay, Agent

*For info
Catanach
1/14*

*John
mat*

APPLICATION FOR INJECTION
Form C-108

CIRCLE RIDGE PRODUCTION, INC.
Well No. 2-C

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: 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? ☒ yes ☐ no
If yes, give the Division order number authorizing the project R-2336.
- 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: Eddie W. Seay Title Agent 505-392-2236
Signature: Eddie W. Seay Date: 4/28/94
- * 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.

FORM C-108

APPLICATION FOR AUTHORIZATION TO INJECT

CIRCLE RIDGE PRODUCTION INC.
WEST CAPROCK QUEEN UNIT R-2336

III. A

1. West Caprock Queen Unit Well No. 2-C
Sect. 21 Tws. 14 Range 31 E.
660/N 1980/W Chaves Co., NM
2. 8 5/8" 24# Csg set at 196' with 150 sxs cmt circ
4 1/2" 9.5# Csg set at 2880' with 75 sxs cmt
TOC 2562 with 50% efficiency
3. Plan to run 2" plastic lined tubing set at approx.
2870'.
4. Plan to run a Baker Tension Packer and set approx.
2870'.

III. B

1. The injection interval is the Queen Sand. Caprock
Queen field.
2. The injection interval is open-hole from 2880'-
2891'.
3. The well was originally drilled as an oil well.
4. None.
5. None.

V. Attached

VI. Attached

VII. Proposed Operation

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

VIII. Previously submitted.

IX. No stimulation proposed, only acid as needed.

X. Previously submitted.

XI. No fresh water wells within this area. A copy of State Engineer's water well list within.

XII. 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.

XIII. Attached.

Submit 5 Copies
Appropriate District Office
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

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

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

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

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

Form C-104
Revised 1-1-89
See Instructions
at Bottom of Page

**REQUEST FOR ALLOWABLE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS**

Operator Circle Ridge Production, Inc.		Well API No. 30-005-01116
Address c/o Oil Reports & Gas Services, Inc., Box 755, Hobbs, NM 88241		
Reason(s) for Filing (Check proper box) ☐ Other (Please explain)		
New Well ☐	Change in Transporter of:	
Recompletion ☐	Oil ☐ Dry Gas ☒	Effective 9/1/89
Change in Operator ☐	Casinghead Gas ☐ Condensate ☐	
If change of operator give name and address of previous operator		

II. DESCRIPTION OF WELL AND LEASE

Lease Name West Cap Queen Sand Unit Tract 10	Well No. 2	Pool Name, including Formation Caprock Queen	Kind of Lease Share/Interest or Fee	Lease No.
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				
Section <u>21</u> Township <u>14S</u> Range <u>31E</u> , NMPM, Chaves County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☒ or Condensate ☐ Phillips Petroleum Co. - Trucks	Address (Give address to which approved copy of this form is to be sent) 4001 Penbrook, Odessa, Texas 79762	
Name of Authorized Transporter of Casinghead Gas ☐ or Dry Gas ☐	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 P	Sec. 17
	Twp. 14S	Rge. 31E
Is gas actually connected?		When ?

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

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res v	Diff Res v
Date Spudded	Date Compl. Ready to Prod.		Total Depth			P.B.T.D.		
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation		Top Oil/Gas Pay			Tubing Depth		
Performances						Depth Casing Shoe		
TUBING, CASING AND CEMENTING RECORD								
HOLE SIZE		CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT		

V. TEST DATA AND REQUEST FOR ALLOWABLE

OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours.)

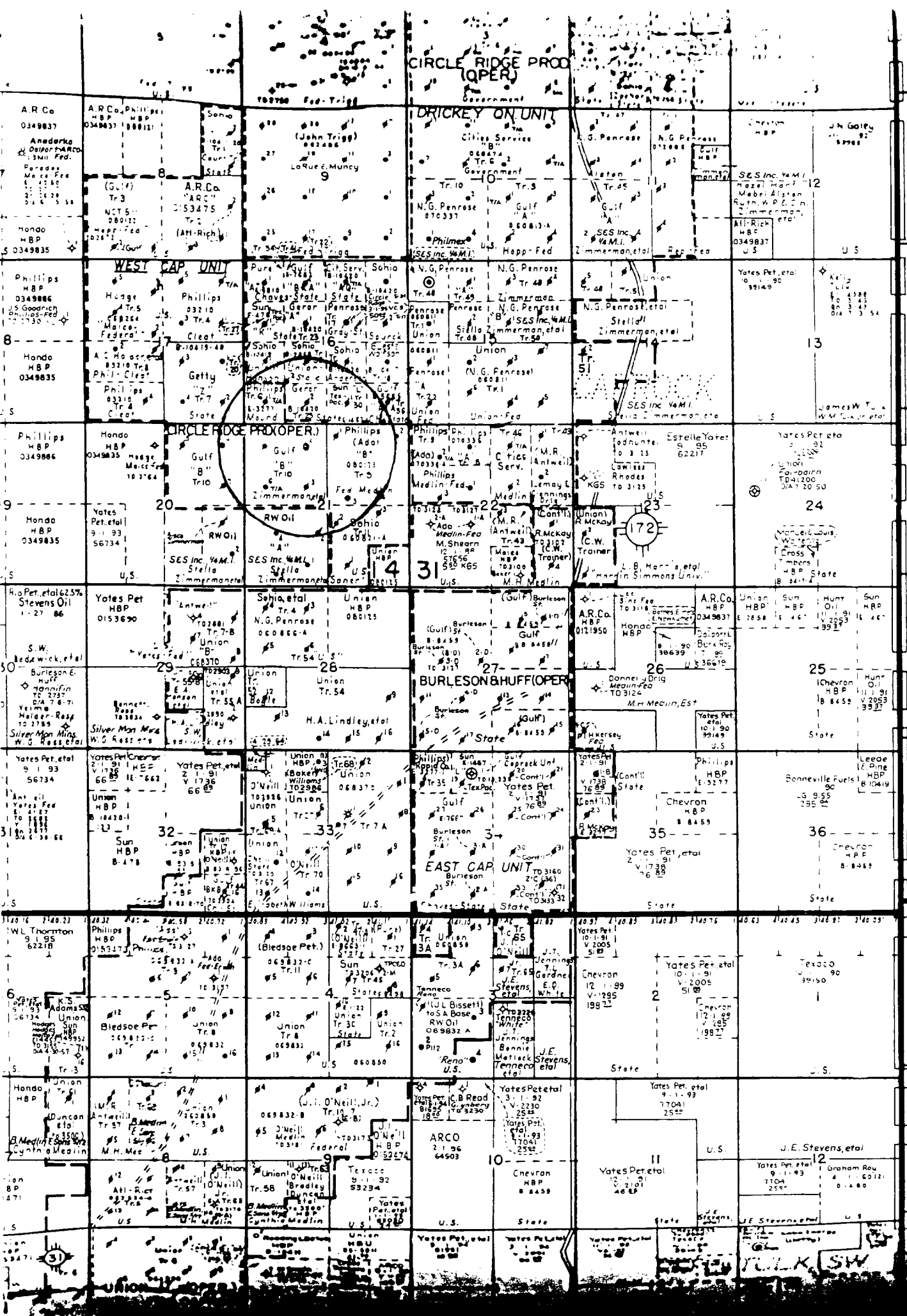
Date First New Oil Run To Tank	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF

GAS WELL

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

CIRCLE RIDGE PROO (OPER)

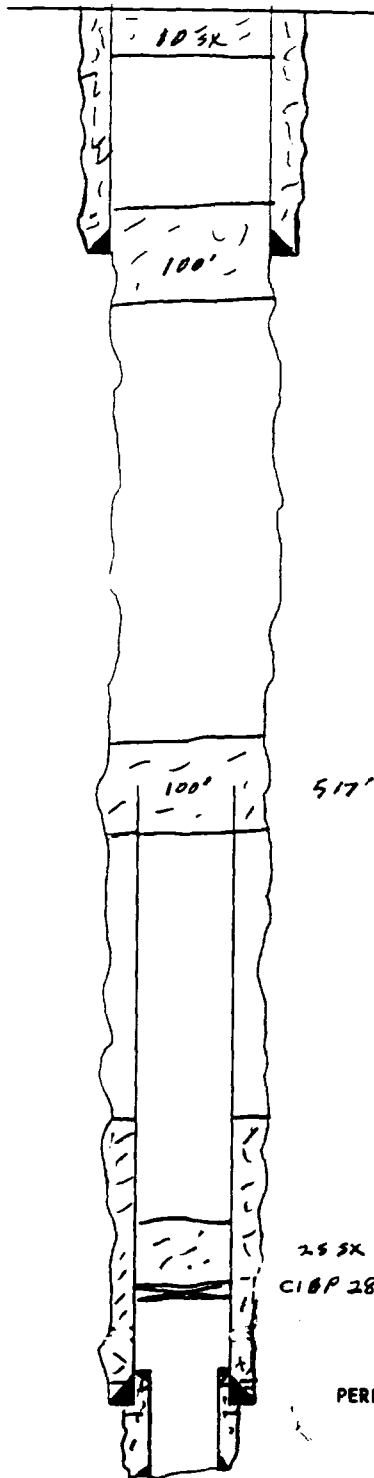
DRICKEY ON UNIT



T
14
S

FULK SW

GUEST, WELDON S & I J WOLFSON
DRICKEY QUEEN SAND UNIT TR 23 # 2
UNIT: N SEC 16 T 14 S R 31 E
660/FSL 1980/FWL
TD: 2885
API NUMBER: 30-005-01085



TABULAR DATA

SURFACE CASING

SIZE: 8 5/8 SET AT: 136 HOLE SIZE: 11
CEMENTED WITH 100 SXS
TOC: 0 DETERMINED BY: CALC TOP

PRODUCTION CASING

SIZE: 5 1/2 SET AT: 2874 HOLE SIZE: 7 7/8
CEMENTED WITH 100 SXS
TOC: 2536 DETERMINED BY: CALC TOP

LINER

SIZE: 4 1/2 TOP: 2854 BOTTOM: 2883
CEMENTED WITH 100
PRODUCING INTERVAL: QUEEN
PERFS: 2869 TO 2877

PLA

CIRCLE RIDGE PRODUCTION INC.
WEST CAPROCK QUEEN SAND UNIT TR 11 # 2
UNIT: J SEC 21 T 14 S R 31 E
1980/FSL 2310/FEL
TD: 2924
API NUMBER: 30-005-01119

TABULAR DATA

SURFACE CASING

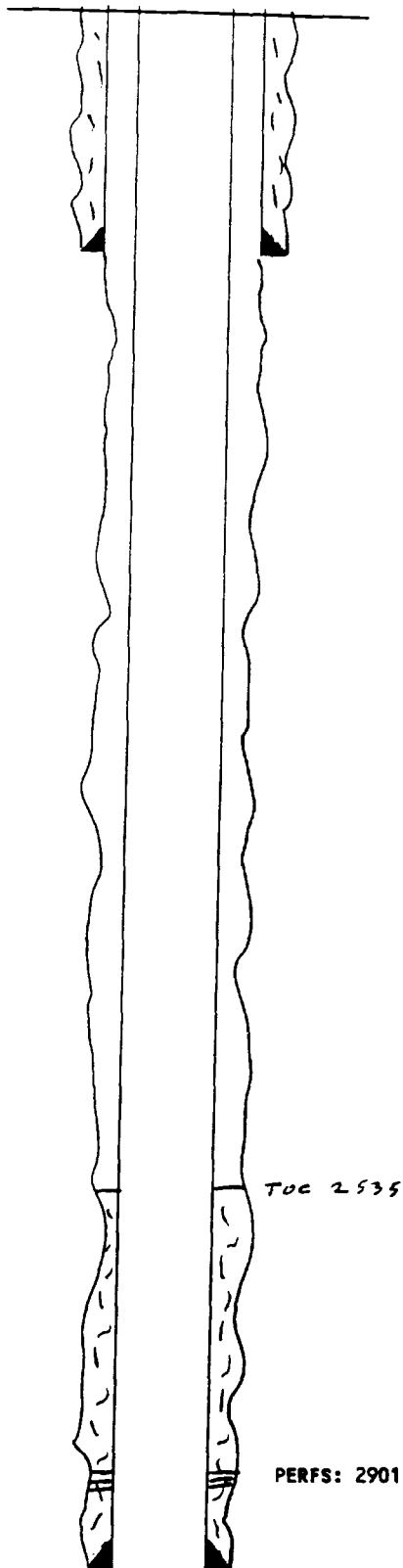
SIZE: 10 3/4 SET AT: 132 HOLE SIZE: 15
CEMENTED WITH 75 SXS
TOC: 0 DETERMINED BY: CMT CIRC

PRODUCTION CASING

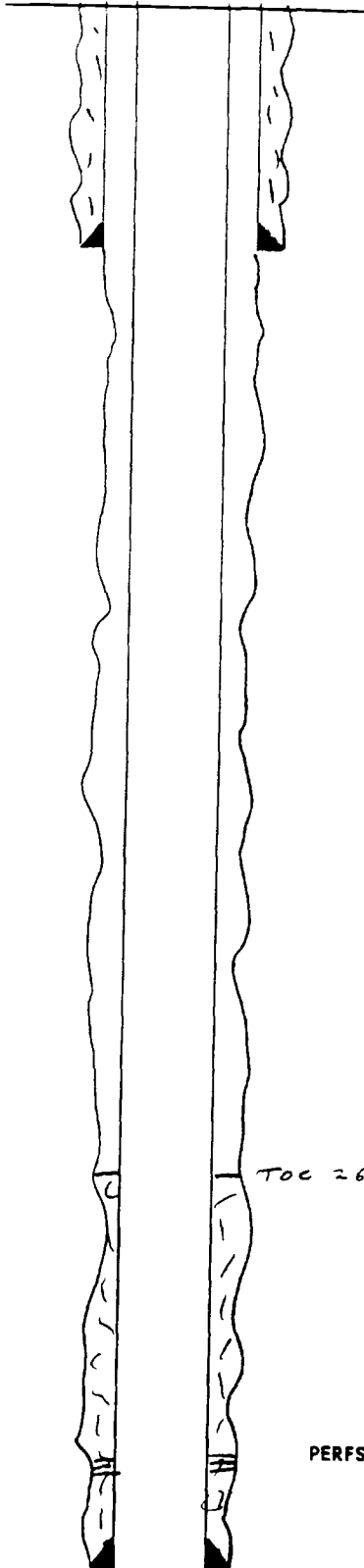
SIZE: 7 SET AT: 2924 HOLE SIZE: 8 3/4
CEMENTED WITH 100 SXS
TOC: 2535 DETERMINED BY: CALC TOP

PRODUCING INTERVAL: QUEEN
PERFS: 2901 TO 2904

TA 1/1/90



CIRCLE RIDGE PRODUCTION INC.
WEST CAPROCK QUEEN SAND UNIT TR 10 # 6
UNIT: E SEC 21 T 14 S R 31 E
1980/FNL 660/FEL
TD: 2876
API NUMBER: 30-005-01114



TABULAR DATA

SURFACE CASING

SIZE: 8 5/8 SET AT: 258 HOLE SIZE: 11
CEMENTED WITH 175 SXS
TOC: 0 DETERMINED BY: CMT CIRC

PRODUCTION CASING

SIZE: 4 1/2 SET AT: 2880 HOLE SIZE: 7 7/8
CEMENTED WITH 75 SXS
TOC: 2687 DETERMINED BY: CALC TOP

PRODUCING INTERVAL: QUEEN

PERFS: 2841 TO 2843

TA 01/01/90

TOC 2687

PERFS: 2841 TO 2843

RW OIL CO.
ZIMMERMAN "A" # 4
UNIT: L SEC 21 T 14 S R 31 E
1650/FSL 990/FWL
TD: 2915
API NUMBER: 30-005-01113

TABULAR DATA

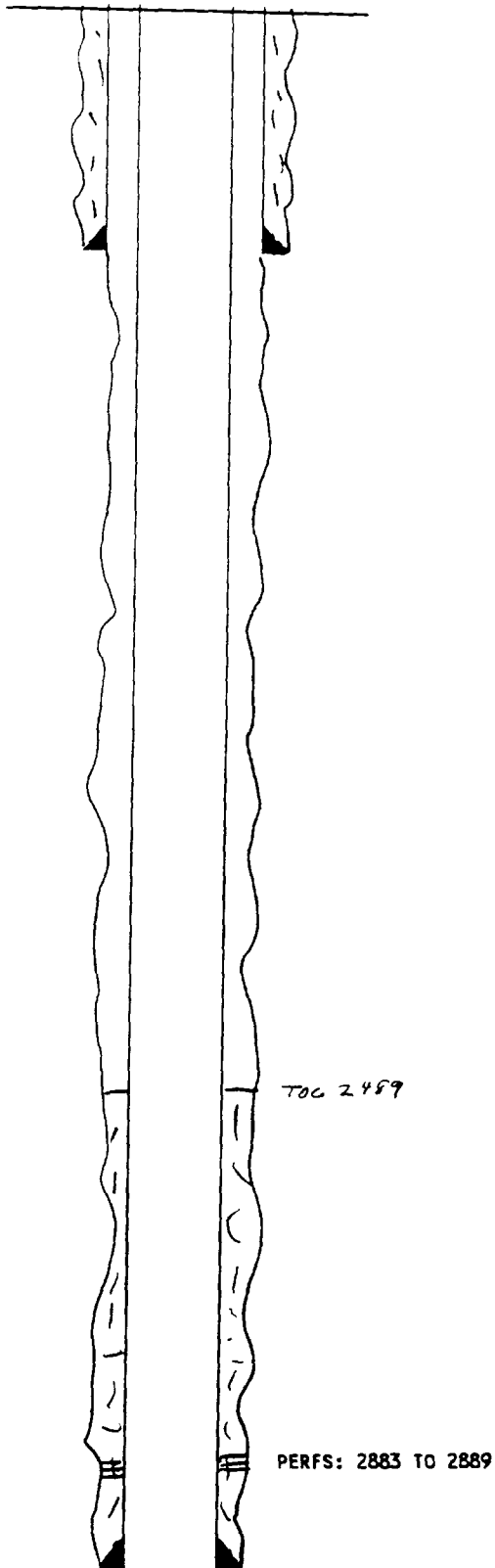
SURFACE CASING

SIZE: 8 5/8 SET AT: 162 HOLE SIZE: 11
CEMENTED WITH 100 SXS
TOC: 0 DETERMINED BY: CMT CIRC

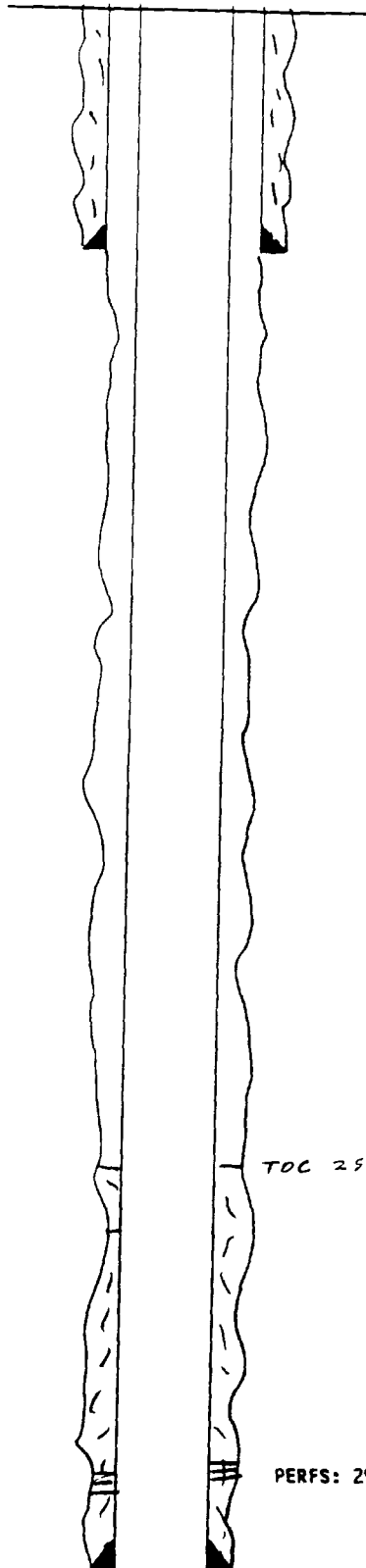
PRODUCTION CASING

SIZE: 5 1/2 SET AT: 2911 HOLE SIZE: 7 7/8
CEMENTED WITH 125 SXS
TOC: 2489 DETERMINED BY: CALC TOP

PRODUCING INTERVAL: QUEEN
PERFS: 2883 TO 2889



RW OIL CO.
ZIMMERMAN "A" # 3
UNIT: M SEC 21 T 14 S R 31 E
330/FSL 990/FWL
TD: 2950
API NUMBER: 30-005-01112



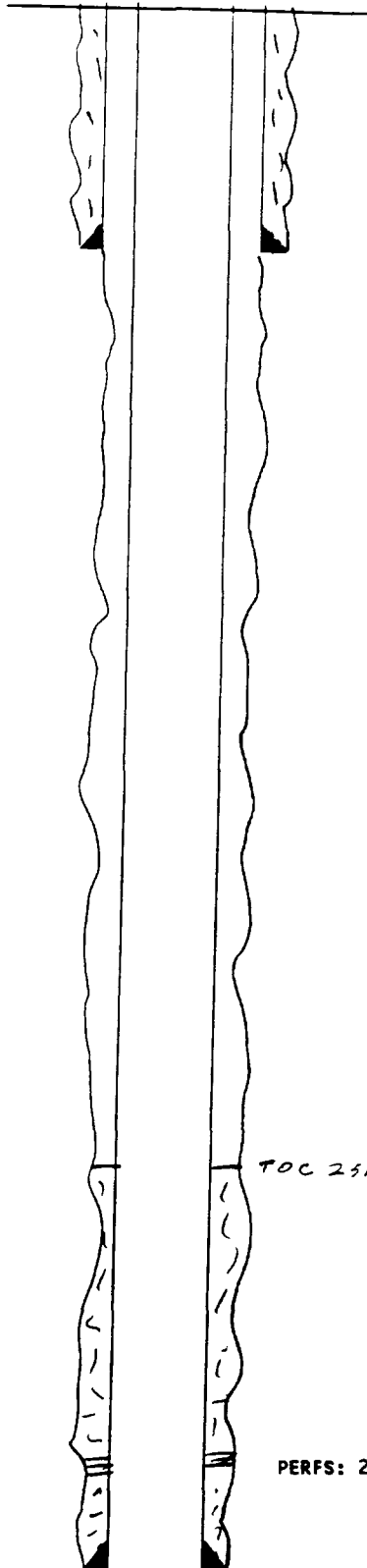
TABULAR DATA

SURFACE CASING
SIZE: 8 5/8 SET AT: 151 HOLE SIZE: 12 1/4
CEMENTED WITH 100 SXS
TOC: 0 DETERMINED BY: CMT CIRC

PRODUCTION CASING
SIZE: 5 1/2 SET AT: 2950 HOLE SIZE: 7 7/8
CEMENTED WITH 125 SXS
TOC: 2528 DETERMINED BY: CALC TOP

PRODUCING INTERVAL: QUEEN
PERFS: 2925 TO 2930

RW OIL CO.
ZIMMERMAN "A" # 1
UNIT: N SEC 21 T 14 S R 31 E
660/FSL 1980/FWL
TD: 2933
API NUMBER: 30-005-01110



TABULAR DATA

SURFACE CASING
SIZE: 8 5/8 SET AT: 165 HOLE SIZE: 12 1/4
CEMENTED WITH 150 SXS
TOC: 0 DETERMINED BY: CALC TOP

PRODUCTION CASING
SIZE: 5 1/2 SET AT: 2933 HOLE SIZE: 7 7/8
CEMENTED WITH 125 SXS
TOC: 2511 DETERMINED BY: CALC TOP

PRODUCING INTERVAL: QUEEN
PERFS: 2910 TO 2916

CIRCLE RIDGE PRODUCTION INC.
WEST CAPROCK QUEEN SAND UNIT TR 9 # 3
UNIT: G SEC 21 T 14 S R 31 E
2310/FNL 1980/FEL
TD: 2955
API NUMBER: 30-005-01109

TABULAR DATA

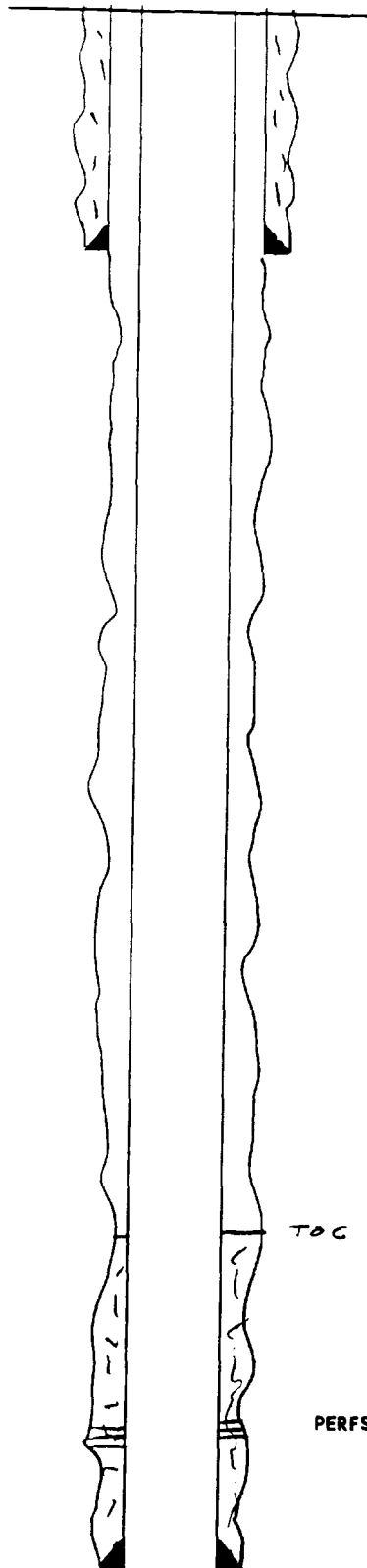
SURFACE CASING

SIZE: 8 5/8 SET AT: 209 HOLE SIZE:
CEMENTED WITH 150 SXS
TOC: 0 DETERMINED BY: CMT CIRC

PRODUCTION CASING

SIZE: 5 1/2 SET AT: 2951 HOLE SIZE:
CEMENTED WITH 125 SXS
TOC: 2529 DETERMINED BY: CALC TOP

PRODUCING INTERVAL: QUEEN
PERFS: 2909 TO 2915



TOC 2529

PERFS: 2909 TO 2915

CIRCLE RIDGE PRODUCTION INC.
WEST CAPROCK QUEEN SAND UNIT TR 10 # 7
UNIT: H SEC 20 T 14 S R 31 E
1980/FNL 660/FEL
TD: 2880
API NUMBER: 30-005-01105

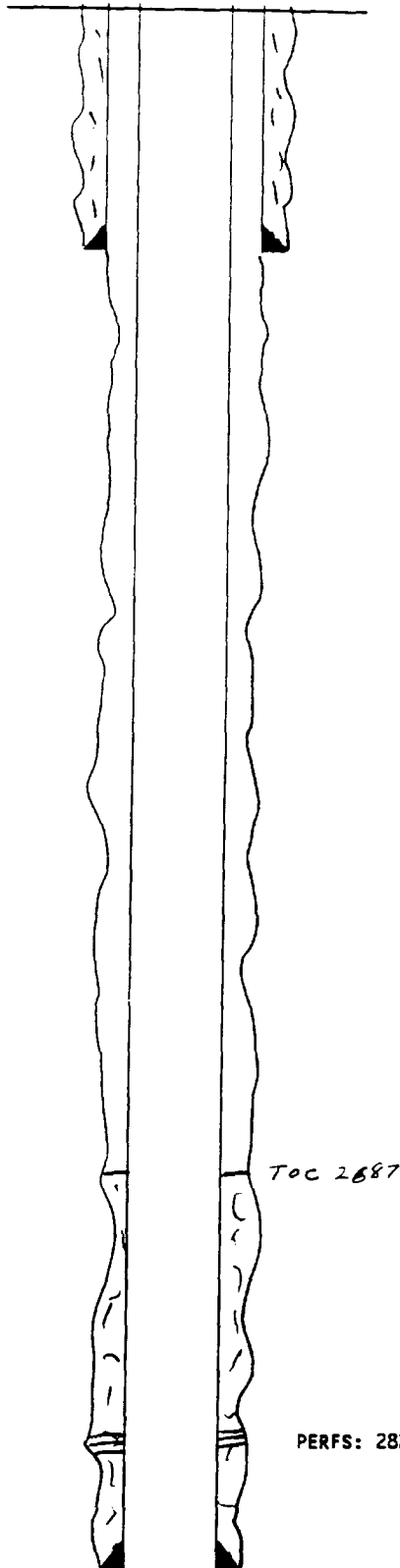
TABULAR DATA

SURFACE CASING _____
SIZE: 8 5/8 SET AT: 259 HOLE SIZE: 11
CEMENTED WITH 175 SXS
TOC: 0 DETERMINED BY: CMT CIRC

PRODUCTION CASING _____
SIZE: 4 1/2 SET AT: 2880 HOLE SIZE: 7 7/8
CEMENTED WITH 75 SXS
TOC: 2687 DETERMINED BY: CALC TOP

PRODUCING INTERVAL: QUEEN
PERFS: 2821 TO 2823

TA 11/190



TOC 2687

PERFS: 2821 TO 2823

RW OIL CO.
ZIMMERMAN # 2
UNIT: P SEC 20 T 14 S R 31 E
990/FSL 330/FEL
TD: 2879
API NUMBER: 30-005-01102

TABULAR DATA

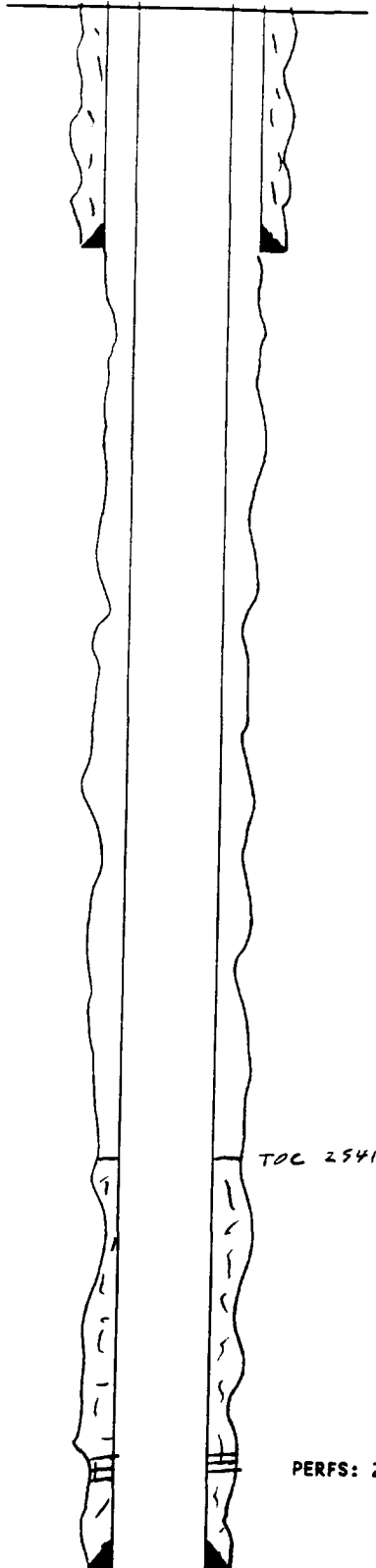
SURFACE CASING

SIZE: 8 5/8 SET AT: 156 HOLE SIZE: 11
CEMENTED WITH 150 SXS
TOC: 0 DETERMINED BY: CMT CIRC

PRODUCTION CASING

SIZE: 5 1/2 SET AT: 2879 HOLE SIZE: 7 7/8
CEMENTED WITH 100 SXS
TOC: 2541 DETERMINED BY: CALC TOP

PRODUCING INTERVAL: QUEEN
PERFS: 2859 TO 2865



GUEST, WELDON S & I J WOLFSON
DRICKEY QUEEN SAND UNIT TR 30 # 1
UNIT: 0 SEC 16 T 14 S R 31 E
660/FSL 1980/FEL
TD: 2906
API NUMBER: 30-005-01083

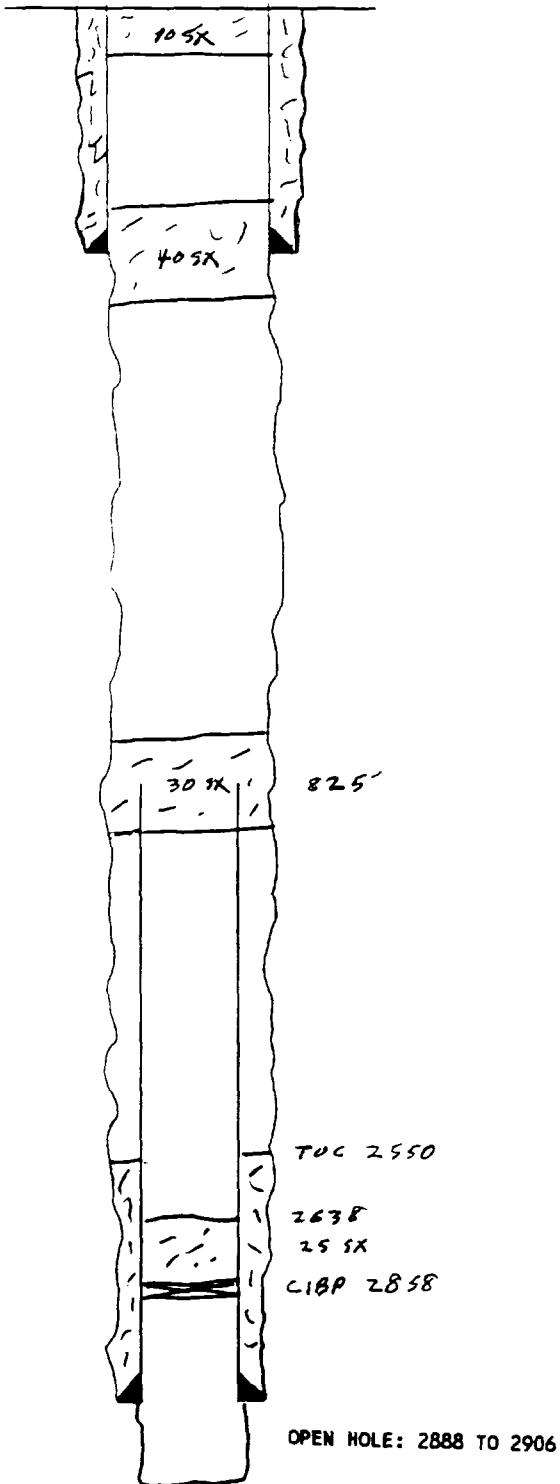
TABULAR DATA

SURFACE CASING
SIZE: 8 5/8 SET AT: 175 HOLE SIZE: 12 1/4
CEMENTED WITH 100 SXS
TOC: 0 DETERMINED BY: CMT CIRC

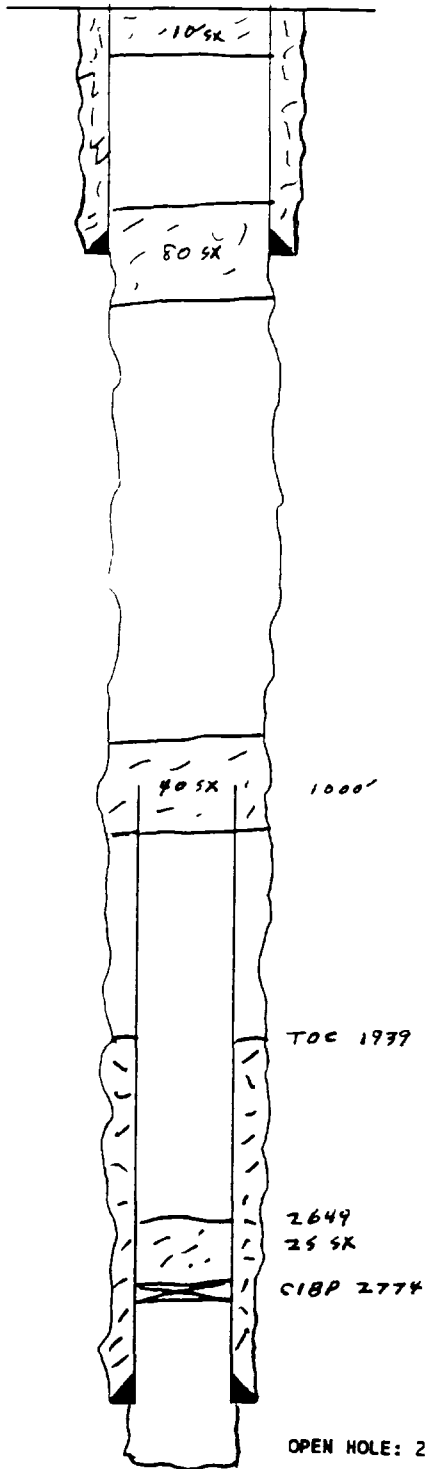
PRODUCTION CASING
SIZE: 5 1/2 SET AT: 2888 HOLE SIZE: 7 7/8
CEMENTED WITH 100 SXS
TOC: 2550 DETERMINED BY: CALC TOP

PRODUCING INTERVAL: QUEEN
OPEN HOLE: 2888 TO 2906

PtA



GUEST, WELDON S & I J WOLFSON
DRICKEY QUEEN SAND UNIT TR 33 # 1
UNIT: K SEC 16 T 14 S R 31 E
1980/FSL 1980/FWL
TD: 2853
API NUMBER: 30-005-01078



TABULAR DATA

SURFACE CASING

SIZE: 12 3/4 SET AT: 80 HOLE SIZE: 15
CEMENTED WITH 100 SX
TOC: 0 DETERMINED BY: CMT CIRC

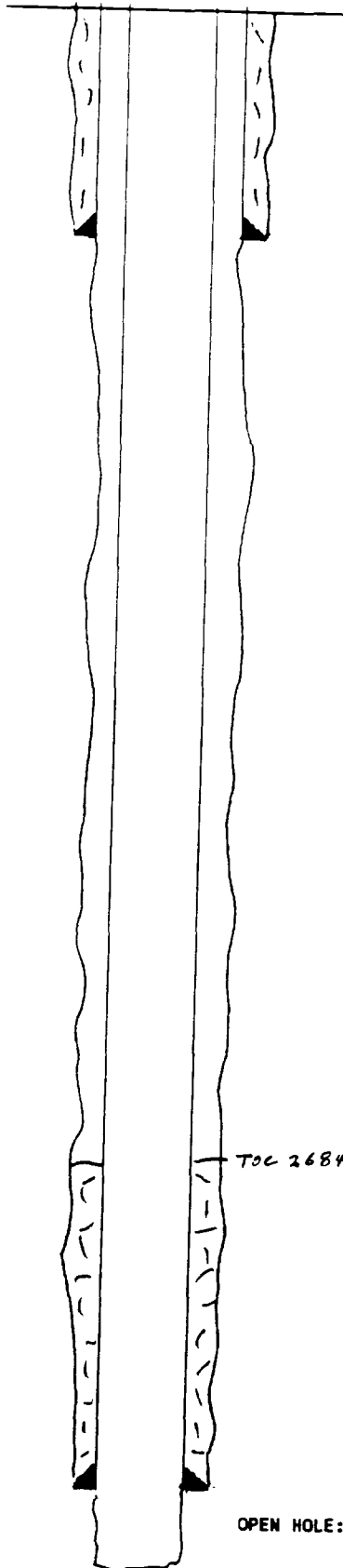
PRODUCTION CASING

SIZE: 7 SET AT: 2833 HOLE SIZE: 8
CEMENTED WITH 125 SX
TOC: 1939 DETERMINED BY: CALC TOP

PRODUCING INTERVAL: QUEEN
OPEN HOLE: 2833 TO 2853

R+A

CIRCLE RIDGE PRODUCTION INC.
WEST CAPROCK QUEEN SAND UNIT TR 10 # 3
UNIT: F SEC 21 T 14 S R 31 E
1980/FNL 1980/FWL
TD: 2896
API NUMBER: 30-005-01117



TABULAR DATA

SURFACE CASING
SIZE: 8 5/8 SET AT: 210 HOLE SIZE: 11
CEMENTED WITH 150 SXS
TOC: 0 DETERMINED BY: CMT CIRC

PRODUCTION CASING
SIZE: 4 1/2 SET AT: 2877 HOLE SIZE: 7 7/8
CEMENTED WITH 75 SXS
TOC: 2684 DETERMINED BY: CALC TOP

PRODUCING INTERVAL: QUEEN
OPEN HOLE: 2877 TO 2896

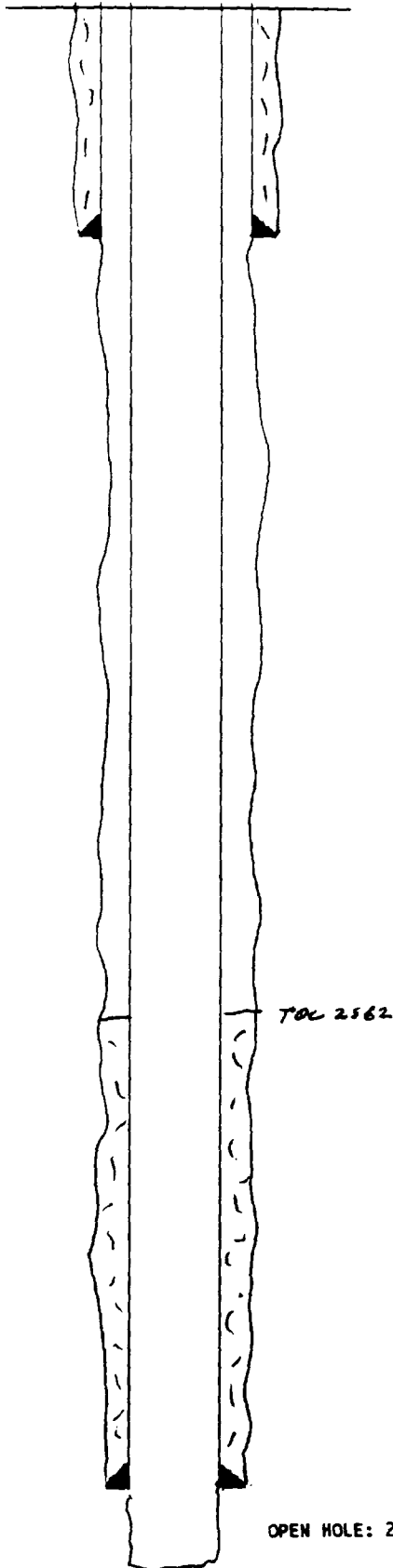
CIRCLE RIDGE PRODUCTION INC.
WEST CAPROCK QUEEN SAND UNIT TR 10 # 2
UNIT: C SEC 21 T 14 S R 31 E
660/FWL 1980/FWL
TD: 2891
API NUMBER: 30-005-01116

TABULAR DATA

SURFACE CASING
SIZE: 8 5/8 SET AT: 196 HOLE SIZE: 11
CEMENTED WITH 150 SXS
TOC: 0 DETERMINED BY: CMT CIRC

PRODUCTION CASING
SIZE: 4 1/2 SET AT: 2880 HOLE SIZE: 6 3/4
CEMENTED WITH 75 SXS
TOC: 2562 DETERMINED BY: CALC TOP

PRODUCING INTERVAL: QUEEN
OPEN HOLE: 2880 TO 2891



CIRCLE RIDGE PRODUCTION INC.

WEST CAPROCK QUEEN SAND UNIT TR 10 # 1

UNIT: D SEC 21 T 14 S R 31 E

660/FWL 660/FWL

TD: 2843

API NUMBER: 30-005-01115

TABULAR DATA

SURFACE CASING

SIZE: 9 5/8 SET AT: 308 HOLE SIZE: 12 1/4

CEMENTED WITH 275 SXS

TOC: 0 DETERMINED BY: CMT CIRC

PRODUCTION CASING

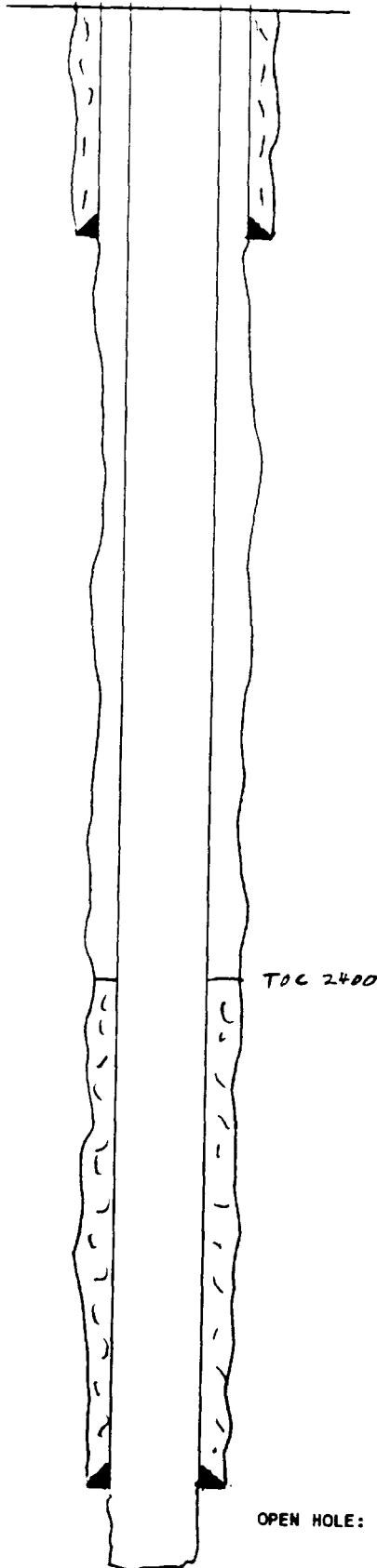
SIZE: 7 SET AT: 2789 HOLE SIZE: 8 3/4

CEMENTED WITH 100 SXS

TOC: 2400 DETERMINED BY: CALC TOP

PRODUCING INTERVAL: QUEEN

OPEN HOLE: 2789 TO 2843



TOC 2400

OPEN HOLE: 2789 TO 2843

CIRCLE RIDGE PRODUCTION INC.
WEST CAPROCK QUEEN SAND UNIT TR 9 # 1
UNIT: B SEC 21 T 14 S R 31 E
330/FNL 2310/FEL
TD: 2925
API NUMBER: 30-005-01107

TABULAR DATA

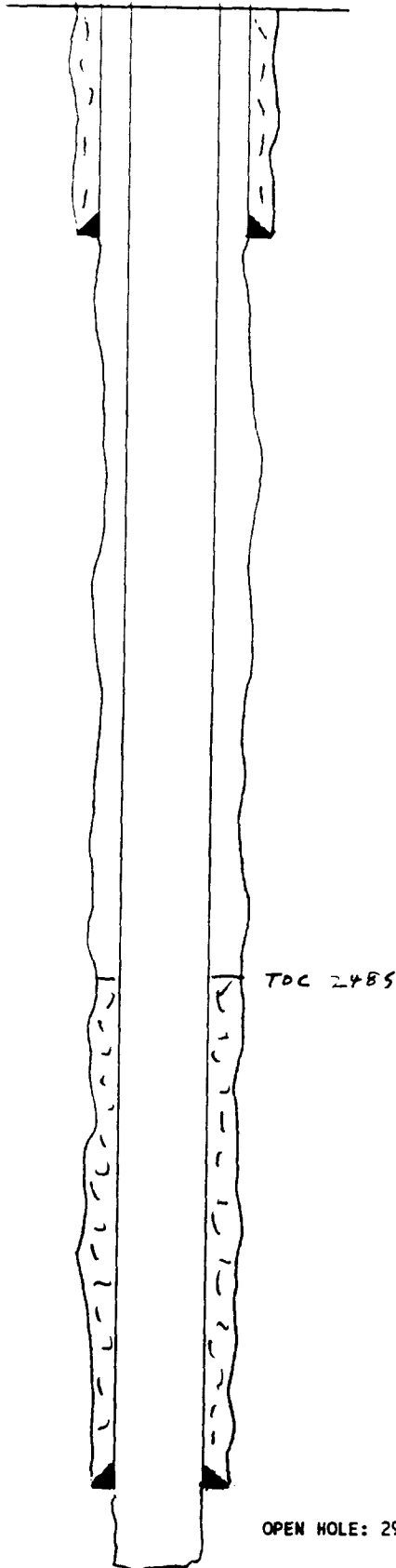
SURFACE CASING

SIZE: 8 5/8 SET AT: 168 HOLE SIZE:
CEMENTED WITH 75 SXS
TOC: 0 DETERMINED BY: CMT CIRC

PRODUCTION CASING

SIZE: 5 1/2 SET AT: 2906 HOLE SIZE:
CEMENTED WITH 125 SXS
TOC: 2484 DETERMINED BY: CALC TOP

PRODUCING INTERVAL: QUEEN
OPEN HOLE: 2906 TO 2925



CIRCLE RIDGE PRODUCTION INC.
WEST CAPROCK QUEEN SAND UNIT TR 10 # 4
UNIT: A SEC 20 T 14 S R 31 E
660/FNL 660/FEL
TD: 2818
API NUMBER: 30-005-01103

TABULAR DATA

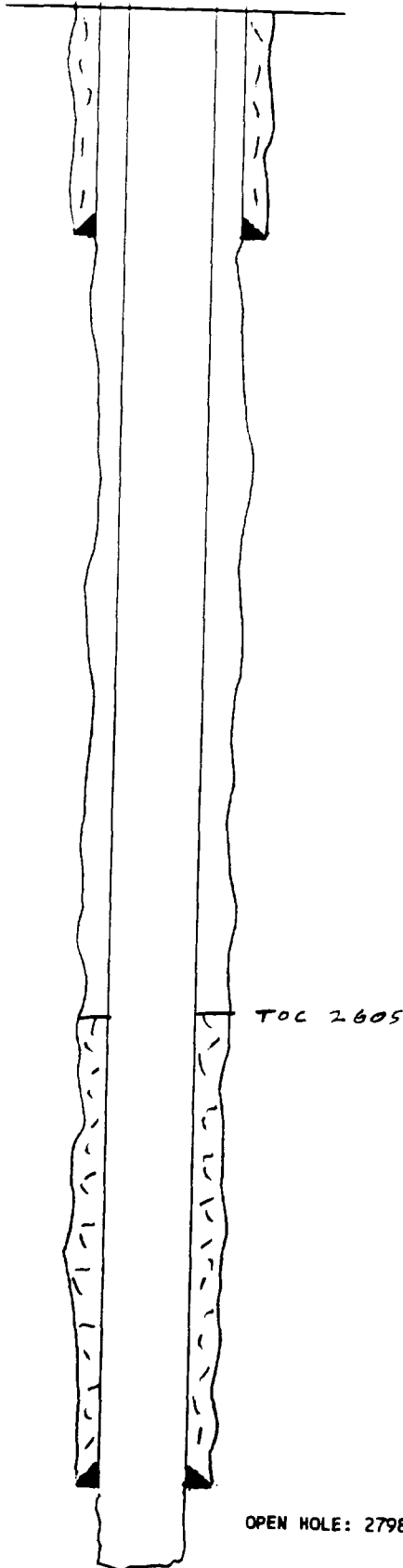
SURFACE CASING

SIZE: 8 5/8 SET AT: 210 HOLE SIZE: 11
CEMENTED WITH 150 SXS
TOC: 0 DETERMINED BY: CMT CIRC

PRODUCTION CASING

SIZE: 4 1/2 SET AT: 2798 HOLE SIZE: 7 7/8
CEMENTED WITH 75 SXS
TOC: 2605 DETERMINED BY: CALC TOP

PRODUCING INTERVAL: QUEEN
OPEN HOLE: 2798 TO 2818



CIRCLE RIDGE PRODUCTION INC.
WEST CAPROCK QUEEN SAND UNIT TR 6 # 1
UNIT: M SEC 16 T 14 S R 31 E
660/FSL 660/FWL
TD: 2841
API NUMBER: 30-005-01079

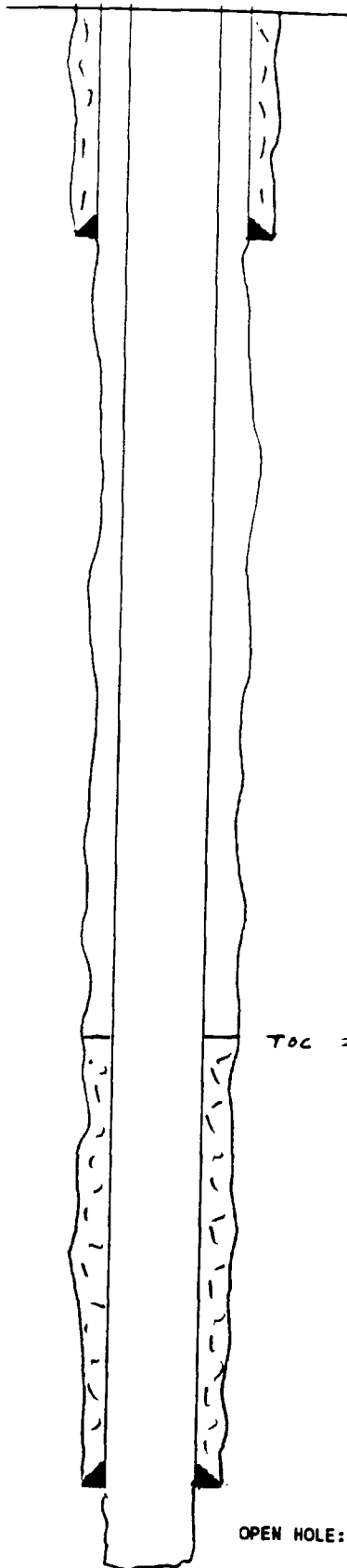
TABULAR DATA

SURFACE CASING
SIZE: 8 5/8 SET AT: 178 HOLE SIZE: 12 1/4
CEMENTED WITH 155 SXS
TOC: 0 DETERMINED BY: CMT CIRC

PRODUCTION CASING
SIZE: 5 1/2 SET AT: 2829 HOLE SIZE: 7 7/8
CEMENTED WITH 100 SXS
TOC: 2603 DETERMINED BY: CALC TOP

PRODUCING INTERVAL: QUEEN
OPEN HOLE: 2829 TO 2841

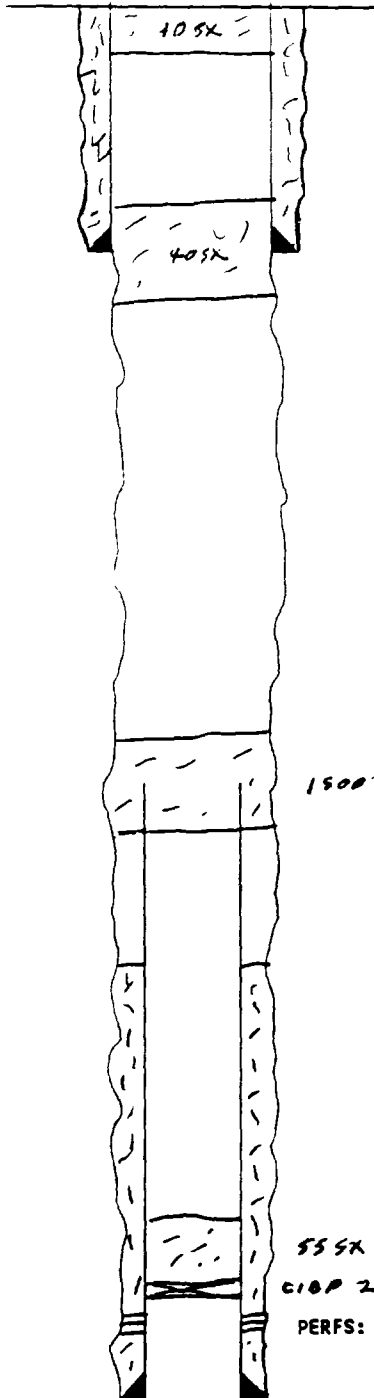
TA 1/1/90



TOC 2603

OPEN HOLE: 2829 TO 2841

GUEST, WELDON S & I J WOLFSON
DRICKEY QUEEN SAND UNIT TR 33 # 2
UNIT: K SEC 16 T 14 S R 31 E
1325/FSL 1325/FWL
TD: 2865
API NUMBER: 30-005-10038



TABULAR DATA

SURFACE CASING

SIZE: 8 5/8 SET AT: 216 HOLE SIZE: 11 1/4
CEMENTED WITH 150 SX
TOC: 0 DETERMINED BY: CMT CIRC

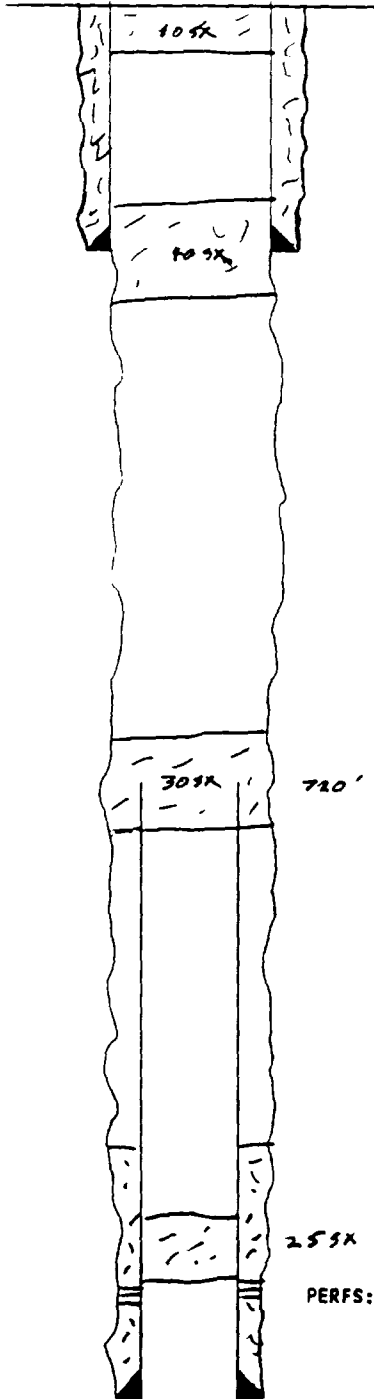
PRODUCTION CASING

SIZE: 4 1/2 SET AT: 2864 HOLE SIZE: 7 7/8
CEMENTED WITH 300 SX
TOC: 2094 DETERMINED BY: CALC TOP

PRODUCING INTERVAL: QUEEN
PERFS: 2842 TO 2852

P+R

BENNETT, BYARD
ZIMMERMAN "A" # 2
UNIT: K SEC 21 T 14 S R 31 E
1650/FSL 2310/FWL
TD: 2906
API NUMBER: 30-005-01111



TABULAR DATA

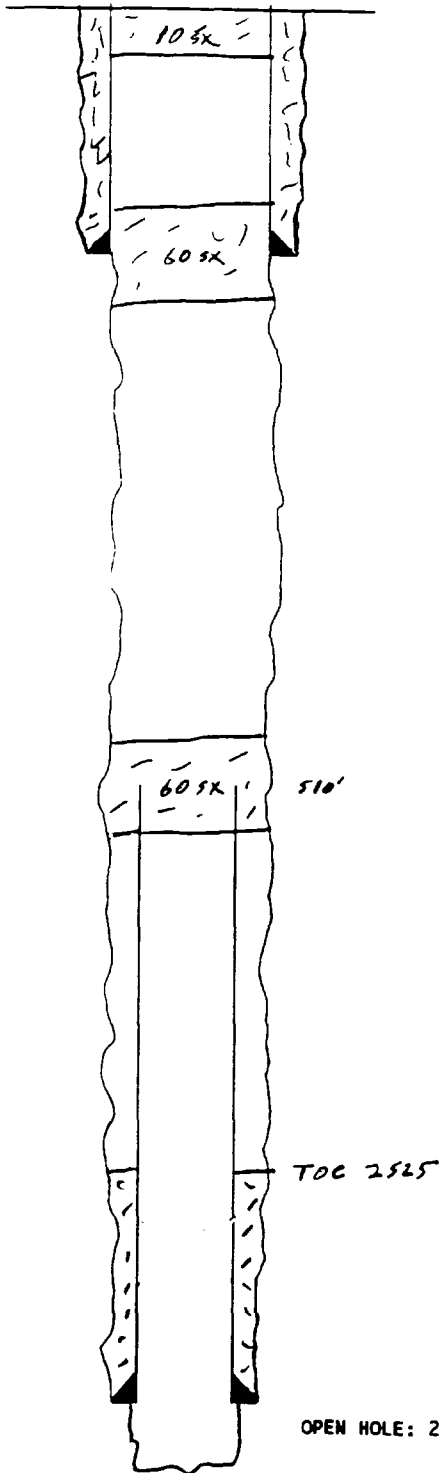
SURFACE CASING
SIZE: 8 5/8 SET AT: 176 HOLE SIZE: 12 1/4
CEMENTED WITH 100 SX
TOC: 0 DETERMINED BY: CMT CIRC

PRODUCTION CASING
SIZE: 5 1/2 SET AT: 2906 HOLE SIZE: 7 7/8
CEMENTED WITH 125 SX
TOC: 2484 DETERMINED BY: CALC TOP

PRODUCING INTERVAL: QUEEN
PERFS: 2894 TO 2899

PTA

BENNETT, BYARD
ZIMMERMAN # 1
UNIT: I SEC 20 T 14 S R 31 E
1980/FSL 660/FEL
TD: 2870
API NUMBER: 30-005-01101



TABULAR DATA

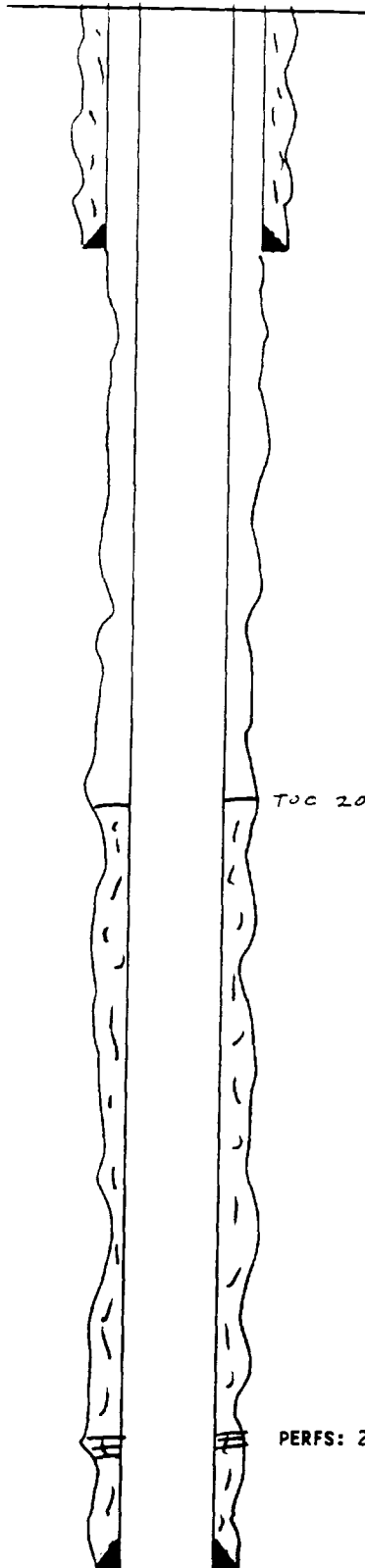
SURFACE CASING
SIZE: 8 5/8 SET AT: 150 HOLE SIZE: 10 3/4
CEMENTED WITH 135 SXS
TOC: 0 DETERMINED BY: CMT CIRC

PRODUCTION CASING
SIZE: 4 1/2 SET AT: 2860 HOLE SIZE: 7 7/8
CEMENTED WITH 150 SXS
TOC: 2525 DETERMINED BY: CALC TOP

PRODUCING INTERVAL: QUEEN
OPEN HOLE: 2860 TO 2870

P&A

CIRCLE RIDGE PRODUCTION INC.
WEST CAPROCK QUEEN SAND UNIT TR 9 # 4
UNIT: H SEC 21 T 14 S R 31 E
2150/FNL 974/FEL
TD: 3050
API NUMBER: 30-005-10104



TABULAR DATA

SURFACE CASING

SIZE: 8 5/8 SET AT: 122 HOLE SIZE:
CEMENTED WITH 125 SXS
TOC: 0 DETERMINED BY: CMT CIRC

PRODUCTION CASING

SIZE: 4 1/2 SET AT: 3049 HOLE SIZE:
CEMENTED WITH 300 SXS
TOC: 2000 DETERMINED BY: TEMP SURVEY

PRODUCING INTERVAL: QUEEN
PERFS: 2979 TO 2984

TA 1/1/90

TOC 2000

PERFS: 2979 TO 2984

STATE ENGINEER CHEMICAL QUALITY OF WATER
LISTING BY LOCATION

14:58 05/22/86 PAGE 39

LOCATION	DATE COLLECTED	CHLORIDE mg/L	CONDUCT M-MHOS	TEMP DEG	WBF	BASIN FILE	REFERENCE FILE	USE	PT CLTN	CLTR	ADD DATA	CARD DATE	SOU RCE
13S 38E 31 21313	11/15/84	23	527	64F	TOG	L		STK DP	DP	SEO		1284	
13S 38E 35 311331	11/09/79	70	740	65F	TOG	L		STK DP	DP	SEO		1084	
13S 38E 35 311331	9/25/84	95	1009		TOG	L		STK DP	DP	SEO			
14S 29E 36 434434	05/20/69	28	310		GAL	03		STK DP	DP	OCC			0
14S 29E 36 434434	10/28/76	13	488		GAL	03		STK DP	DP	SEO		1284	
14S 29E 36 434434	11/28/84	16	444		GAL	03		STK DP	DP	SEO			
14S 31E 14 134432	05/02/61	90	710	66F	TOG	03		STK DP	DP	SEO		0485	
14S 31E 14 134432	4/09/85	171	1306		TOG	L		STK DP	DP	SEO			
14S 31E 23 42144	4/09/85	24	461		TOG	L	L 03583	COM DP	DP	SEO		0485	
14S 31E 25 412434	4/09/85	62	592		TOG	L	L 03615	SRO TS349	TS349	SEO		0485	
14S 31E 26 31431	10/26/79	42	599	69F	TOG	L		DOM DP	DP	SEO		0385	
14S 31E 26 31431	2/19/85	33	560	66F	TOG	L		STK DP	DP	SEO			
14S 31E 30 131124	05/02/61	450	3660	69F	TRC			STK DP	DP	SEO			
14S 32E 07 412424	10/25/79	70	693	68F	TOG	L		STK DP	DP	SEO		1284	
14S 32E 07 412424	11/27/84	37	775	65F	TOG	L		STK DP	DP	SEO			
14S 32E 14 12131	09/30/76	42	425		TOG	L		DOM DP	DP	OCC		1276	0
14S 32E 14 121312	7/30/85	35	532		TOG	L		DOM YT	YT	SEO		1185	
14S 32E 14 22322	11/19/79	4	469	65F	TOG	L	L 06600	STK DP	DP	SEO		1284	
14S 32E 14 22322	11/27/84	19	479	64F	TOG	L	L 06600	STK DP	DP	SEO		0385	
14S 32E 14 22322	2/18/85	26	490	67F	TOG	L	L 06600	STK DP	DP	SEO			
14S 32E 14 224111	08/06/76	21	448		TOG	L		STK YT	YT	SEO			
14S 32E 18 111113	10/25/79	26	480	66F	TOG	L	L 04315	DOM YT	YT	SEO		1284	
14S 32E 18 111113	11/27/84	33	488		TOG	L		DOM YT	YT	SEO			
14S 32E 22 42224	09/30/76	46	310		TOG	L		STK DP	DP	OCC		1276	0
14S 32E 29 144111	07/08/76	33	501	66F	TOG	L		STK DP	DP	SEO		0385	
14S 32E 29 144111	2/19/85	35	490	67F	TOG	L		STK DP	DP	SEO			
14S 32E 35 33443	07/08/76	36	525	66F	TOG	L	L 06652	STK DP	DP	SEO		1284	
14S 32E 35 33443	11/27/84	95	607	64F	TOG	L	L 06652	STK DP	DP	SEO			
14S 32E 36 142224	11/19/79	26	513	65F	TOG	L		STK DP	DP	SEO		1284	
14S 32E 36 142224	11/27/84	8	509	65F	TOG	L		STK DP	DP	SEO			
14S 33E 07 21222	11/15/79	46	651		TOG	L		STK YT	YT	SEO		1284	
14S 33E 07 21222	11/27/84	51	649	62F	TOG	L	L 05261	STK YT	YT	SEO			

AFFIDAVIT OF PUBLICATION

County of Chaves
State of New Mexico

I, 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 issue dated
April 25th, 1994

and ending with the issue dated
April 25th, 1994

Manager

Sworn and subscribed to before me

this 25th day of
April, 1994

Notary Public

My Commission expires

July 21, 1994
(SEAL)

Publish April 25, 1994

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 accordance with OCD R-2336. Circle Ridge Production, Inc. wish to convert Well #2 Unit C 1980/W, Sect. 21, Township 14, Range 31 E., Chaves Co., NM, from production to injection, for the reinjection of produced water, approximately 200 Bbls. per day at 500# pressure, into the Queen formation at a depth of 2870' to 2890'. Any questions about application should be directed to Eddie W. Seay, 601 W. Illinois, Hobbs, NM 88240, (505) 392-2236.

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

April 22, 1994

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-2336. Circle Ridge Production, Inc. wish to convert well #2 Unit C 660/N, 1980/W, Sect. 21, Township 14, 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 at a depth of 2870' to 2890'.

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

Sincerely,

Eddie W. Seay, Agent
601 W. Illinois
Hobbs, NM 88240
(505)392-2236

P 309 850 459



Receipt for Certified Mail

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

R.W. Oil Co.	
Box 775	
Hobbs, NM 88240	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date 20	

PS Form 3800, June 1991

P 309 850 460



Receipt for Certified Mail

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

JLM	
Box 1857	
Roswell, NM 88202	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date 20	

PS Form 3800, June 1991

P 309 850 461



Receipt for Certified Mail

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

Sent to: Commissioner of Public Lands	
Street and P.O. Box: Box 1148	
Post Office and Zip Code: Santa Fe, NM 87504	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	

PS Form 3800, June 1991

P 309 850 462



Receipt for Certified Mail

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

Sent to: Mrs. Eileen Sims	
Street and P.O. Box: Box 1046	
Post Office and Zip Code: Dunice, NM 88231	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	

PS Form 3800, June 1991

Is your RETURN ADDRESS completed on the reverse side?

SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

Mr. J. L. Smith
111 N. 1st St.
Ocala, FL 32668

4a. Article Number

001 000000

4b. Service Type

- ☐ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail ☐ Return Receipt for Merchandise

7. Date of Delivery

5. Signature (Addressee)

8. Addressee's Address (Only if requested and fee is paid)

6. Signature (Agent)

Thank you for using Return Receipt Service.

PS Form 3811, December 1991

U.S.G.P.O. 1992-307-530

DOMESTIC RETURN RECEIPT

Is your RETURN ADDRESS completed on the reverse side?

SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

Mr. J. L. Smith
111 N. 1st St.
Ocala, FL 32668

4a. Article Number

4b. Service Type

- ☐ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail ☐ Return Receipt for Merchandise

7. Date of Delivery

5. Signature (Addressee)

8. Addressee's Address (Only if requested and fee is paid)

6. Signature (Agent)

Thank you for using Return Receipt Service.

PS Form 3811, December 1991

U.S.G.P.O. 1992-307-530

DOMESTIC RETURN RECEIPT

Is your RETURN ADDRESS completed on the reverse side?

SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3 and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

1. ☐ Addressee's Address

2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

Commissioner of Public Health
P.O. Box 1140
Hartford, CT 06102

4a. Article Number

3811 301 530

4b. Service Type

☐ Registered

☐ Insured

☒ Certified

☐ COD

☐ Express Mail

☐ Return Receipt for Merchandise

7. Date of Delivery

5. Signature (Addressee)

[Signature]

8. Addressee's Address (Only if requested and fee is paid)

6. Signature (Agent)

PS Form 3811, December 1991

U.S.G.P.O. 1992-307-530

DOMESTIC RETURN RECEIPT

Thank you for using Return Receipt Service.

Is your RETURN ADDRESS completed on the reverse side?

SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3 and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

1. ☐ Addressee's Address

2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

Commissioner of Public Health
P.O. Box 1140
Hartford, CT 06102

4a. Article Number

4b. Service Type

☐ Registered

☐ Insured

☒ Certified

☐ COD

☐ Express Mail

☐ Return Receipt for Merchandise

7. Date of Delivery

5. Signature (Addressee)

[Signature]

8. Addressee's Address (Only if requested and fee is paid)

6. Signature (Agent)

PS Form 3811, December 1991

U.S.G.P.O. 1992-307-530

DOMESTIC RETURN RECEIPT

Thank you for using Return Receipt Service.



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
HOBBS DISTRICT OFFICE

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 X _____
PMX _____

Gentlemen:

I have examined the application for the:

Circle Ridge Prod. Inc. W. Cap Ex. Bond Unit #2-C 21-14-31
Operator Lease & Well No. Unit S-T-R

and my recommendations are as follows:

OK

Yours very truly,

Jerry Sexton
Jerry Sexton
Supervisor, District 1

/ed

