

### STATE OF NEW MEXICO

# ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

# OIL CONSERVATION DIVISION HOBBS DISTRICT OFFICE

GOVERNOR

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

OIL CONSERVATION DIVISION P. O. BOX 2088 SANTA FE, NEW MEXICO 87501
RE: Proposed:  MC DHC NSL NSP SWD WFX PMX PMX
Gentlemen:
I have examined the application for the:  Circle Ridge Prod. Inc Dickey ON Sand Unit 4-H 10-14-31  Operator Lease & Well/No. Unit S-T-R
and my recommendations are as follows:
01
Yours very truly,
Jerry Sexton Supervisor, District 1

DISTRIBUTIONE

Original and one copy

# OIL CONSERVATION DIVISION POST OFFICE BOX 2088 STATE LAND OFFICE BUNDING SANTA FE NEW MEXICO 8/501

FORM C-108 Revised 7-1-81

# 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 %. Illinois, Hobbs, MM 88240
	Contact party: James Davis Phone: (505)675-2130
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? Wes now 12 Now 23
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 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:
	<ol> <li>Proposed average and maximum daily rate and volume of fluids to be injected;</li> <li>Whether the system is open or closed;</li> <li>Proposed average and maximum injection pressure;</li> <li>Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and</li> <li>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.).</li> </ol>
√111 <sub>₹</sub>	Attach appropriate georingical data on the injection conditional 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
IX.	Describe the proposed stimulation program, if any.
х.	Attach appropriate logging and test data on the well. (If well logs have been filed with the Division they need not be resubmitted.)
×I.	Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.
XII.	Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground source of drinking water.
XIII.	Applicants must complete the "Proof of Notice" Bection 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 believe
	Name: Eddie W. Seay Title Agent
	Signature: Date: 7-28-95
• If th submi of th	e information required under Sections VI. VIII. (, and $\lambda I$ above has been previously thed, it need not be duplicated representated. Please show the date and circumstance e earlier submittal.

containe with one convito the appropriate ().

- 3. The average pressure will be 700 ps; with a maximum of 750 psi, not to exceed OCD limit.
- 4. The source of water will be reinjected produce; water.
- 5. N/A
- VIII. Previously submitted.
  - IX. Only acid as needed.
  - X. Previously submitted.
  - XI. No fresh water well within this area. A copy of State Engineers 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.

## STATE OF NEW MEXICO ENERGY MO MINERALS DEPARTMENT

			J C				
**. ** (***** ***		_					
DISTRIBUT		<del></del>					
IANTAFE		+-	<del> </del>				
1166		┼					
V. 1.0	<del></del>	╅					
AND OFFICE		┤	<del> </del>				
TRANSPORTER							
	GAS	1	$\vdash$				
PERATOR		<del> </del>	┝╾┥				
PAGRATION OFF	KE	-	$\vdash$				

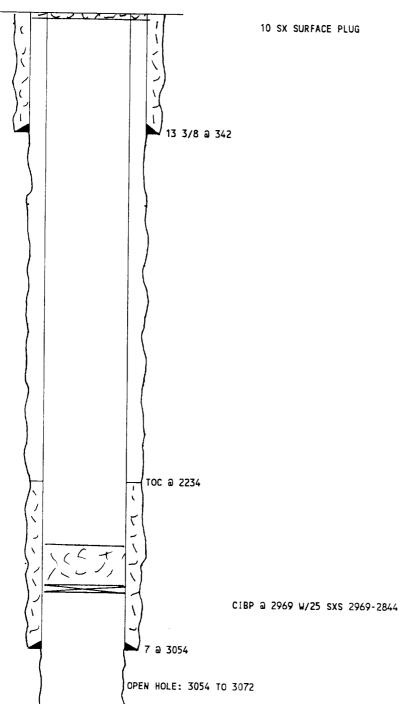
## OIL CONSERVATION DIVISION P. O. BOX 2088 SANTA FE, NEW MEXICO 87501

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

REQUEST FOR ALLOWABLE AND

Obstatot	AUTHORIZATION TO TRA	AND NSPORT OIL AND NAT	URAL GAS	
Circle Ridge Production	, Inc.			
C/O Oil Reports & Gas Si	ervices, Inc., P.O.	Box 755. Hobbs	N. 000.3	
Hen Aell		Other (Plea	W 88241	
Recompletion	Change in Transporter of:	j	•	
Change in Ownership	Casingheod Cas	Condensore	tive 3/19/88	
I change of ownership give name Gene	eral Operating Co., S	Suite 1007 Ridgle	ea Bank Bldg. Ft. Worth	Tx 7611
L. DESCRIPTION OF WELL LAND	EASÉ		and the most only	, 12 /011
Urickey Ouesn'	Well No. Pool Name, Including	Fermation	LC-068474	
Sand Unit Tract 6	4 Caprock		KING OF Lease	Legar No.
			Store, Federal or Fee Federal	Above
Unii Leiier H : 1980	Feel From The North			1
1		ine and 660	Feet From The East	
Cine of Section 10 Townshi	ip 14 S Range	31E . NMPL		
II. DESIGNATION OF THE		31E , NMPL	chaves	County
II. DESIGNATION OF TRANSPOR	TER OF OIL AND NATUR	T GAS		County
None - Intert	of Condensate	Address (Give address		
None - Injection Well		10106 999/611	so which approved copy of this form is so	besents
came of Authorized Transporter of Casingh	or Dry Cos	1		
	9	wagiese (Aine aggiett	io which approved copy of this form is to	be sens
the location of lants.	Sec. Twp. Rge.			,
		is das actually connects		
this production is commingled with the OTE: Complete Parts IV and V on	st from any other land		· · · · · · · · · · · · · · · · · · ·	
OTE: Complete Parts IV and V on	and other lease of bool	give commingling order	numbers	
	reverse side if necessary.			
CERTIFICATE OF COMPLIANCE		11		
icicly certify that the		OIL C	DNSERVATION DIVISION	
icreby certify that the rules and regulations of on complied with and that the information give howeledge and belief.	the Oil Conservation Division have	ABDD	MAR 2 9 1988	
knowledge and belief.	en is true and complete to the herr of	APPROVED		
	the second of	11	MAR 2 9 1988	a
	,	11	, 1	9
	,	BY	ORIGINAL SIGNED BY JERRY S	9
<i>D</i> 21		11	, 1	XTON
Ilana 1/1	%.	BY	ORIGINAL SIGNED BY JERRY SE DISTRICT I SUPERVISOR	
<i>1</i> 2.2	<u>//</u>	TITLE This form is to	ORIGINAL SIGNED BY JERRY SE DISTRICT I SUPERVISOR	
Ilana 1/1	le.	TITLE  This form is to  If this is a requivell, this form must tests taken on the w	DISTRICT I SUPERVISOR  be filed in compliance with RULE set for allowable for a newly drilled be accompanied by a tabulation of the second set for a second se	or deepened
160, 100 / 1	'c.	TITLE  This form is to  If this is a requiveril, this form must tests taken on the ward feet on new and recommend the control of the control	DISTRICT I SUPERVISOR  be filed in compliance with RULE is for allowable for a newly drilled be accompanied by a tabulation of the in accordance with RULE 111.  his form must be filled out complete impleted wells.	or deepened the deviation by for allow-
Agent (Title)	'ke	TITLE  This form is to  If this is a requively, this form must tests taken on the w  All sections of the control of the contro	DISTRICT I SUPERVISOR  be filed in compliance with RULE is for allowable for a newly drilled be accompanied by a tabulation of the in accordance with RULE it.	or deepened he deviation ly for allow

J	0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 U.S.	Wakan Tanka-Fel Bulk Fed - Hink	CCEVENT TO State 15 18 1844 6 15 15 15 15 15 15 15 15 15 15 15 15 15	3 3 3 15 16 17 2 5 16 17 2 5 16 17 2 5 16 17 17 2 5 16 17 17 17 17 17 17 17 17 17 17 17 17 17
U.S.  J. G. Consider to the second se	America	20 des Service 110 124 20	Chevron #2 Tr. 44	Anodorko 4 Tr. 22 3 3 Tr. 37 5 E 471 Tria (Texas Tria	Circle Pidge Prod
50: 1 31 min	REDEMO STATE	Yorks Kerry Trill 5 Ferten Mager Anna 1	Tr.13 A Tr.13 A Tr.13 A LaRue E.Munkey	Stote Esses Trial Tr. 167 35 Tr. 15	5 6 77/5 7 48 8 5541 36 954
34 20102 51 0 8 The Str +88 20 486.21	B 68:22 2 3755	0424 STr. 14 1 3 04227 7  Federal #1 Savernment	C thes Service   (J.H "C"   Trigg) 2   Trial   1-7" 03927   Federal 062474(73)	Sizita Sizita Dhillips Hodges Anodorkot 7, 29 (Ada)  Fast   Fast   Fast   Fast    Sizita Sizita   Fast    Sizita Sizita Sizita    Sizita Si	13 14 15 16 State
14 7 425 11 (40.74 1745) 12 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	20 28 2307 d 1928 e 1902 d 2 (John H. 1939) 102726 2 (	1 2282937 / //	701 943.23 140.25 7160.25 7 14	16,13   116,137,723   6,035   15,000	Sh <sub>irt</sub>   All 31   Jac 61   2/8:22   Shirt   All 32   All 42   All 43   A
τ <sub>η η</sub> ς 6	5 ·: w	12 057416 5 12 057416 5 10 10 10 10 10 10 10 10 10 10 10 10 10 1	CIRCLE RIDGE PROD	Service State 2 State State State State 2 Workshering in Land State Stat	Philips I H B P O 80114
78.78 P	Fed - Trigg U.S.	23-wi 2 3 3 5 5 TD 2750 Fed - 7 2g	DRICKEY ON UNIT	Sohio 17	J.S. Med. or Seption
ਪੈਜ਼ਰਟਰਕਰ AR Co ਅਸਦ 35 * 034983 ਹਿੱਖ ਨੂੰ And ਲੁਤਾਵਾ ਲੁਤਾਵਾ ਤੁਹਾ	0349637   289.12	(John Trigg) 067486	Chies Service	3 4 Penrose N.G. Penrose Outr	Стектот J N Galey 11 : 92 53963
(3) 14 (1) (2) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4	AR Co. 1 AR	grade: Money	17/2 0 17/2 Gulf	1 Tr. 49 3	SES Inc. WM I Ferri I I I Was Alssen   Value Alssen   Van Wie E Ch.   Common on an analysis   Value I I I I I I I I I I I I I I I I I I I
1177 A TONGO	WEST PAP UNIT	Tr SANTE ACT TO SONIO	Philmer U.S. Hopp-Fed  ISES Inc. (AMI).  N. G. Penrase  N. G. Penrase  3 7-48 4	Z SES Inc. A 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	#85
Hondo Philip Han 1 489 1 34 34 4 1 034986 1 25 500010 1 20	Hodge #31 Phillips  A 765 US 33218  Value 21 1 764 US 66	A "Acting " 18 A m"   18 Mg	Tr.48   Tr.49   L. Zimmermon   Penrose Penrose   V.G. Penrose 180811   2   B. S.S. S. Inc. 4M. Tr.10   Sillo Zimmermon etai	N.G. Penrosé eta:  N.G. Penrosé eta:  Steila!  Zimmer yan, eta:	20 3 43 20 3 5 4
- 18	A 1 45 accetal 43 43 44 Acceptage Ac	Samon Semina Company C	recent Union M	*	13
Hondo   Philli	F3 Tondo	GE PRO(OPER)  Gulf  Gulf	Union Union Fed Fed Phillips Phillips Tr 46 Tr 9 lorosa 1 Tr 47 TA M.R.		U.S. James W. * U. k. W. M. Talk Jr. eta!  Nates Pet eta! 3 92 3 22
334985 334986 38.45 5		Trio Sea Medin	Tra lone 336 Tra lone 8 Tra lone	Company Compan	Union For-bourn
ARCO   Mondo	Yotes Fer. et o) 9 939 56734  SES Inc. //sm	4 2 3 3 1 1 1	Aga (M. A. M. A. Medin-Fea Antwell R.McKa	Munion) R McKoy (72) (C.W. Trainer  B March's etg)  March's Sommons and	Vone Eduis Wortes Cross Travers
JESS Roperto	01. Votes Pet	Sohio, eral Union	(Gurf Surreson   1 144	A.R.Co.  A.R.Co.  10.3111.8318.8419.8419.8419.8419.8419.8419.8419.84	To se Sun Him Sun
Frage   S.A.   30 - 8.7	29 068370 500 5 Tr 55 8 00 00	28- 4 Union Union 52 12 Tr 54	BURLESON BHUFF(OPER	8 . 1 . 90 'Burk Roy' 36639   T : 89 U \$ 36619	25 Hunt 100ecom Oil 100ecom Oil
Votes Jet 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	Mins N S Fiss et a. Ladi visk. ct	SA Bodile   13 H.A.Lindley, efat   15 pl6	55.0   Store 8. 81.83 84.5	M.H.Mealin, Es*  Yoths Pet.  Fed.  10.1 90 33149 F. J. S.	
Tetal Vates Per Vates Per Expension () a 33 miles Per Vates Per Va	etal Vares Per Chevron 2 99 HBB 2 2 99 HBB 2 2 99 HBB 2 19 1736 HBB 2 1736 HB	ABAKEM CON CONTROL OF	Control	23 H 6 P	Fonceville Fucial Aurains
rates Fet   19   1   1   1   1   1   1   1   1	нар нар нар	70.04 - 33/7 777A	Burleson 3-	35	36 1evron 1
Ray Flore Parents of State Parents of St	State 8-83-8-76 [C. 12.23]	14 13 20 th W Warms U.S.	Contillate   State	519*e	State State 2140 25 3146 81 2140 85
The second secon	Philips (Add) 3	(Bledgo Pet.) (323) Tr.2 (314)	7 3A 6 7 7 5 Gardin	Yates Pet. 10 1-91 V 2005 5187	19/2 gc
	7_4	4 States 13	con White	V-1855 2 5.00 19872 7 7 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	



TD 3072

CITIES SERVICE OIL CO DRICKEY QUEEN SAND UNIT # 3 UNIT: I SEC 10 T 14 S R 31 E 1980/FSL 660/FEL TD: 3072

API NUMBER: 30-005-01032

TABULAR DATA

SURFACE CASING -SIZE: 13 3/8 SET AT: 342 HOLE SIZE:

CEMENTED WITH 375 SXS

TOC: SURFACE DETERMINED BY: CIRC TO SURFACE

PRODUCTION CASING -

SIZE: 7 SET AT: 3054 HOLE SIZE:

CEMENTED WITH 425 SXS

TOC: 2234 DETERMINED BY: CALC TOP

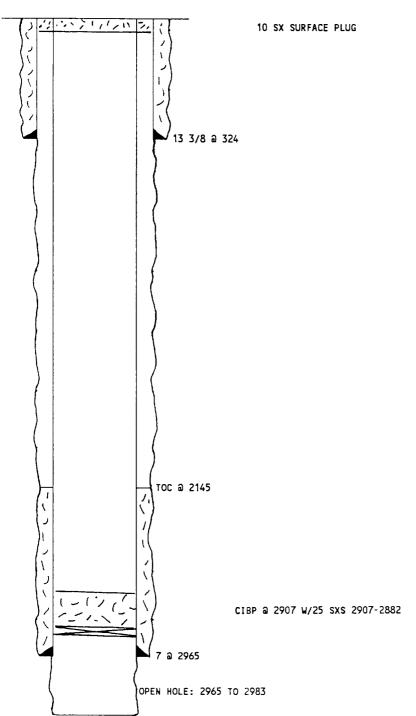
PRODUCING INTERVAL: QUEEN POOL: CAPROCK; QUEEN

OPEN HOLE: 3054 TO 3072

COMMENTS:

P&A 11/12/70

CIBP @ 2969 W/25 SXS 2969-2844 10 SX SURFACE PLUG



TD 2983

CITIES SERVICE OIL CO DRICKEY QUEEN SAND UNIT # 4 UNIT: P SEC 10 T 14 S R 31 E 660/FSL 660/FEL TD: 2983

API NUMBER: 30-005-01033

TABULAR DATA

CEMENTED WITH 350 SXS

TOC: SURFACE DETERMINED BY: CIRC TO SURFACE

PRODUCTION CASING -

SIZE: 7 SET AT: 2965 HOLE SIZE:

CEMENTED WITH 425 SXS

TOC: 2145 DETERMINED BY: CALC TOP

INJECTION INTERVAL: POOL: CAPROCK; QUEEN

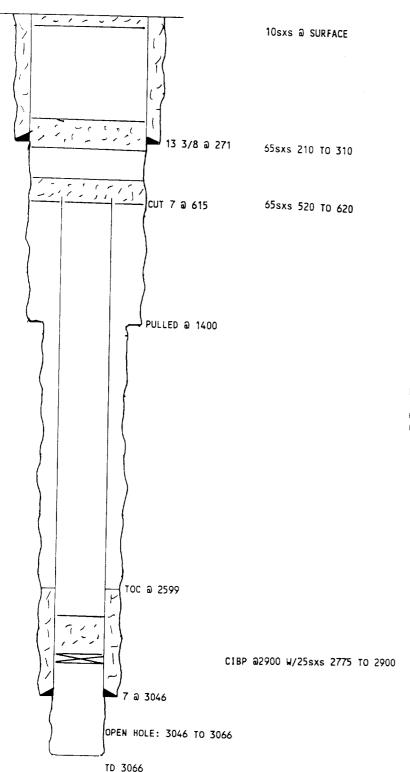
OPEN HOLE: 2965 TO 2983

COMMENTS:

P&A 11/12/70

CIBP a 2907 W/25 SXS 2907-2882

10 SX SURFACE PLUG



WELDON S GUEST & I J WOLFSON DRICKEY QUEEN SAND UNIT # 2 UNIT: D SEC 11 T 14 S R 31 E 660/FNL 660/FWL TD: 3066

API NUMBER: 30-005-01047

TABULAR DATA

SURFACE CASING -SIZE: 13 3/8 SET AT: 271 HOLE SIZE: 17 1/4 CEMENTED WITH 275 SXS

TOC: SURFACE DETERMINED BY: CIRC TO SURFACE

INTERMEDIATE CASING -SIZE: PULLED SET AT: 1400 HOLE SIZE:

CEMENTED WITH 0 SXS

TOC: DETERMINED BY:

PRODUCTION CASING -SIZE: 7 SET AT: 3046 HOLE SIZE: 8

CEMENTED WITH 125 SXS

TOC: 2599 DETERMINED BY: CALC TOP

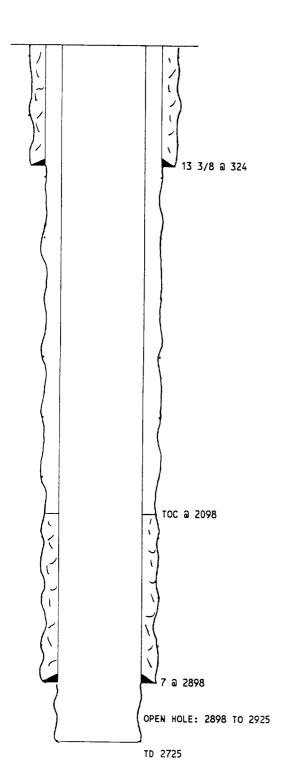
INJECTION INTERVAL: QUEEN POOL: CAPROCK; QUEEN

OPEN HOLE: 3046 TO 3066

COMMENTS:

P&A 11/70 RE-PLUGGED 08/01/74

PLUG 1 CIBP a2900 W/25sxs 2775 TO 2900 PLUG 2 65sxs 520 TO 620 PLUG 3 65sxs 210 TO 310 PLUG 4 10sxs @ SURFACE



CIRCLE RIDGE PROD INC DRICKEY QUEEN SAND UNIT # 1 UNIT: J SEC 10 T 14 S R 31 E 1980/FSL 1980/FEL TD: 2725 API NUMBER: 30-005-01030

TABULAR DATA

SURFACE CASING

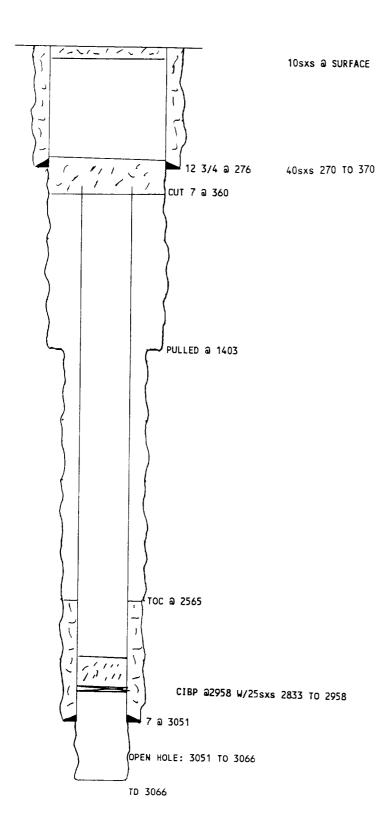
SIZE: 13 3/8 SET AT: 324 HOLE SIZE:
CEMENTED WITH 360 SXS
TOC: SURFACE DETERMINED BY: CIRC TO SURFACE

PRODUCTION CASING

SIZE: 7 SET AT: 2898 HOLE SIZE:
CEMENTED WITH 400 SXS
TOC: 2098 DETERMINED BY: CALC TOP

INJECTION INTERVAL: QUEEN POOL: CAPROCK; QUEEN

OPEN HOLE: 2898 TO 2925



WELDON'S GUEST & I J WOLFSON DRICKEY QUEEN SAND UNIT #4 UNIT: F SEC 11 T 14 S R 31 E 1980/FNL 1980/FWL TD: 3066 API NUMBER: 30-005-01045

TABULAR DATA

SURFACE CASING
SIZE: 12 3/4 SET AT: 276 HOLE SIZE: 17 1/4
CEMENTED WITH 285 SXS
TOC: SURFACE DETERMINED BY: CIRC TO SURFACE

CEMENTED WITH 0 SXS

TOC: DETERMINED BY:

PRODUCTION CASING SIZE: 7 SET AT: 3051 HOLE SIZE: 8 3/4

CEMENTED WITH 125 SXS

TOC: 2565 DETERMINED BY: CALC TOP

INJECTION INTERVAL: QUEEN POOL: CAPROCK; QUEEN

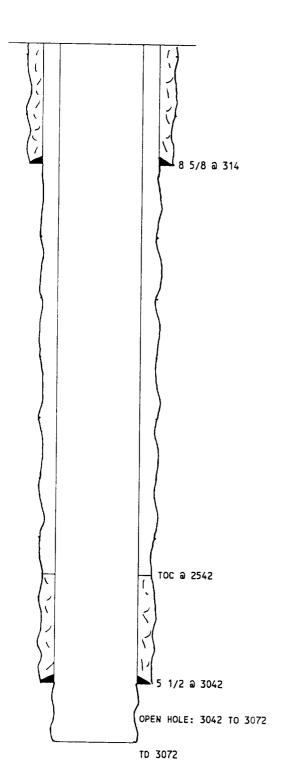
OPEN HOLE: 3051 TO 3066

COMMENTS:

P&A 10/70 RE-PLUGGED 01/02/74

PLUG 1 CIBP @2958 W/25sxs 2833 TO 2958

PLUG 2 40sxs 270 TO 370 PLUG 3 10sxs a SURFACE



CIRCLE RIDGE PROD INC DRICKEY QUEEN SAND UNIT #5 UNIT: B SEC 10 T 14 S R 31 E 660/FNL 1980/FEL TD: 3072

API NUMBER: 30-005-01026

TABULAR DATA

SURFACE CASING SIZE: 8 5/8 SET AT: 314 HOLE SIZE:

CEMENTED WITH 150 SXS

TOC: SURFACE DETERMINED BY: CIRC TO SURFACE

PRODUCTION CASING -

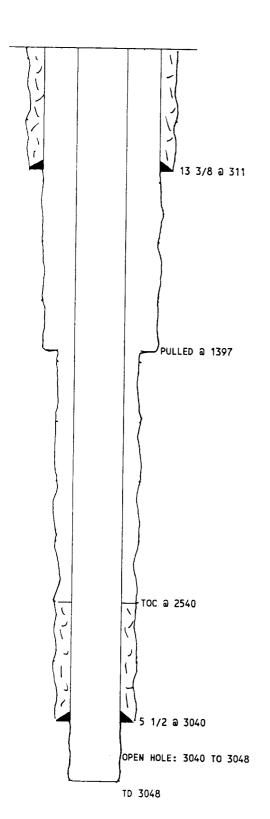
SIZE: 5 1/2 SET AT: 3042 HOLE SIZE:

CEMENTED WITH 150 SXS

TOC: 2542 DETERMINED BY: CALC TOP

INJECTION INTERVAL: QUEEN POOL: CAPROCK; QUEEN

OPEN HOLE: 3042 TO 3072



CIRCLE RIDGE PROD INC. DRICKEY QUEEN SAND UNIT # 3 UNIT: A SEC 10 T 14 S R 31 E 660/FNL 660/FEL TD: 3048

API NUMBER: 30-005-01024

TABULAR DATA

SURFACE CASING -SIZE: 13 3/8 SET AT: 311 HOLE SIZE: CEMENTED WITH 250 SXS

TOC: SURFACE DETERMINED BY: CIRC TO SURFACE

INTERMEDIATE CASING -SIZE: PULLED SET AT: 1397 HOLE SIZE: CEMENTED FITH O SXS TOC.

DETERMINED BY:

PRODUCTION CASING -

SIZE: 5 1/2 SET AT: 3040 HOLE SIZE:

CEMENTED WITH 150 SXS

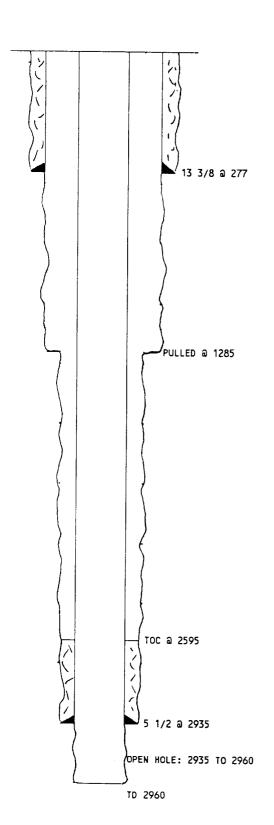
TOC: 2540 DETERMINED BY: CALC TOP

PRODUCING INTERVAL: QUEEN POOL: CAPROCK; QUEEN

OPEN HOLE: 3040 TO 3048

COMMENTS:

INTERMEDIATE CASING PULLED



CIRCLE RIDGE PROD INC DRICKEY QUEEN SAND UNIT # 2 UNIT: G SEC 10 T 14 S R 31 E 1980/FNL 1980/FEL TD: 2960

API NUMBER: 30-005-01023

TAB	ULAR	DATA

SURFACE CASING

SIZE: 13 3/8 SET AT: 277 HOLE SIZE:
CEMENTED WITH 225 SXS
TOC: SURFACE DETERMINED BY: CIRC TO SURFACE

CEMENTED WITH 0 SXS

TOC: DETERMINED BY:

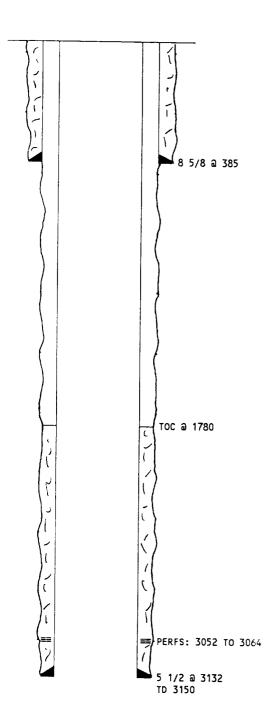
CEMENTED WITH 100 SXS
TOC: 2595 DETERMINED BY: CALC TOP

PRODUCING INTERVAL: QUEEN POOL: CAPROCK; QUEEN

OPEN HOLE: 2935 TO 2960

COMMENTS:

INTERMEDIATE CASING PULLED



CIRCLE RIDGE PROD INC DRICKEY QUEEN SAND UNIT # 147 UNIT: E SEC 11 T 14 S R 31 E 1459/FNL 330/FNL TD: 3150 API NUMBER: 30-005-21135

TABULAR DATA

SURFACE CASING -SIZE: 8 5/8 SET AT: 385 HOLE SIZE: 12 1/4 CEMENTED WITH 250 SXS

TOC: SURFACE DETERMINED BY: CIRC TO SURFACE

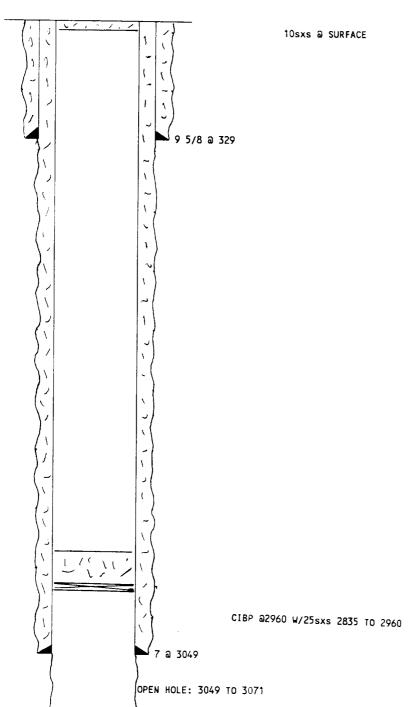
PRODUCTION CASING -SIZE: 5 1/2 SET AT: 3132 HOLE SIZE: 7 7/8

CEMENTED WITH 400 SXS

TOC: 1780 DETERMINED BY: CALC TOP

PRODUCING INTERVAL: QUEEN

POOL: CAPROCK; QUEEN PERFS: 3052 TO 3064



TD 3071

CITIES SERVICE OIL CO DRICKEY QUEEN SAND UNIT # 1 UNIT: L SEC 11 T 14 S R 31 E 1980/FSL 660/FWL

TD: 3071 API NUMBER: 30-005-01038

TABULAR DATA

SURFACE CASING -SIZE: 9 5/8 SET AT: 329 HOLE SIZE: 12 1/4 CEMENTED WITH 300 SXS

TOC: SURFACE DETERMINED BY: CIRC TO SURFACE

PRODUCTION CASING -

SIZE: 7 SET AT: 3049 HOLE SIZE: 8 3/4

CEMENTED WITH 1390 SXS

TOC: SURFACE DETERMINED BY: CALC TOP

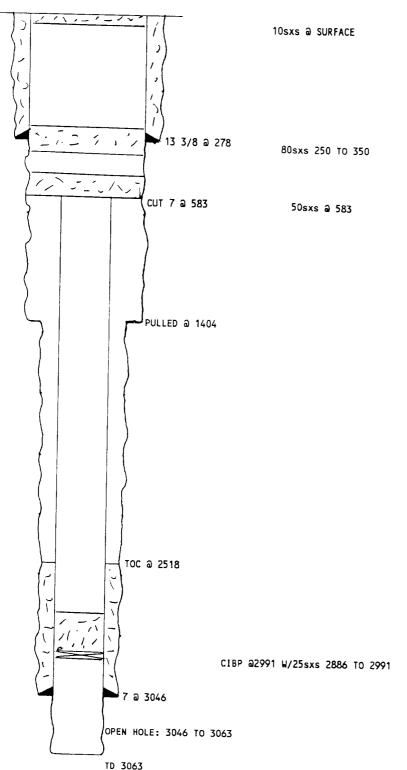
INJECTION INTERVAL: QUEEN POOL: CAPROCK; QUEEN

OPEN HOLE: 3049 TO 3071

COMMENTS:

P&A 10/23/70

PLUG 1 CIBP @2960 W/25sxs 2835 TO 2960 PLUG 2 10sxs @ SURFACE



WELDON S GUEST & I J WOLFSON DRICKEY QUEEN SAND UNIT # 3 UNIT: E SEC 11 T 14 S R 31 E 1980/FNL 660/FNL TD: 3063

API NUMBER: 30-005-01044

TABULAR DATA

SURFACE CASING -SIZE: 13 3/8 SET AT: 278 HOLE SIZE: 17 1/4

CEMENTED WITH 275 SXS

TOC: SURFACE DETERMINED BY: CIRC TO SURFACE

INTERMEDIATE CASING -SIZE: PULLED SET AT: 1404 HOLE SIZE:

CEMENTED WITH 0 SXS

TOC: DETERMINED BY:

PRODUCTION CASING -SIZE: 7 SET AT: 3046 HOLE SIZE: 8 5/8

CEMENTED WITH 125 SXS

TOC: 2518 DETERMINED BY: CALC TOP

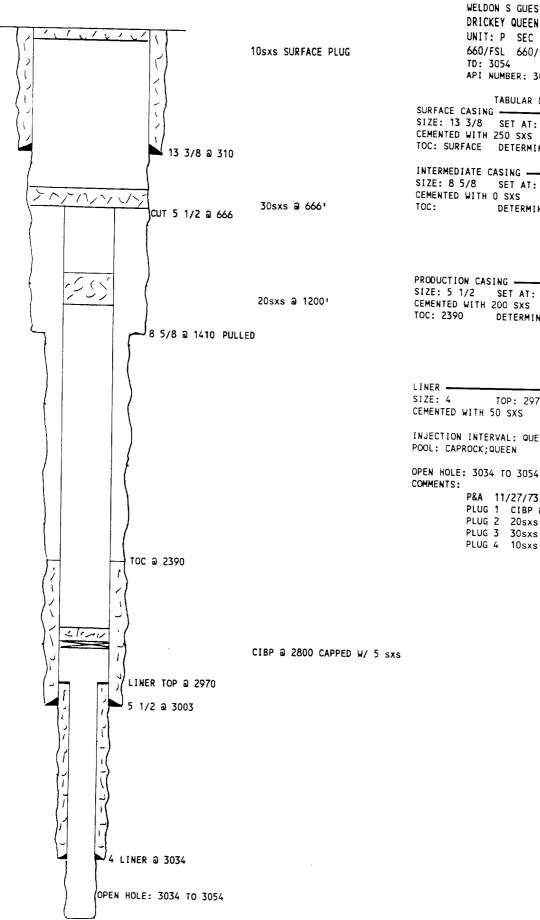
PRODUCING INTERVAL: QUEEN POOL: CAPROCK; QUEEN

OPEN HOLE: 3046 TO 3063

COMMENTS:

P&A 10/70 RE-PLUGGED 11/19/73

PLUG 1 CIBP a2991 W/25sxs 2886 TO 2991 PLUG 2 50sxs a 583 PLUG 3 80sxs 250 TO 350 PLUG 4 10sxs a SURFACE



TD 3054

WELDON S GUEST & I J WOLFSON DRICKEY QUEEN SAND UNIT #6 UNIT: P SEC 3 T 14 S R 31 E 660/FSL 660/FEL

API NUMBER: 30-005-00962

TABULAR DATA

SIZE: 13 3/8 SET AT: 310 HOLE SIZE:

CEMENTED WITH 250 SXS

TOC: SURFACE DETERMINED BY: CIRC TO SURFACE

SIZE: 8 5/8 SET AT: 1410 HOLE SIZE:

DETERMINED BY: CSNG PULLED

SIZE: 5 1/2 SET AT: 3003 HOLE SIZE:

CEMENTED WITH 200 SXS

TOC: 2390 DETERMINED BY: TEMP SURVEY

TOP: 2970 BOTTOM: 3034

INJECTION INTERVAL: QUEEN

P&A 11/27/73

PLUG 1 CIBP @ 2800 CAPPED W/ 5 sxs

PLUG 2 20sxs a 1200' PLUG 3 30sxs a 666' PLUG 4 10sxs SURFACE PLUG

#### 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 brickey Queen Sand Unit in accordance with OCD WFX 23. Circle R.dge Production, Inc., wishes to convert Well #4 Unit H. 1980/N 660/E. Section 10. Township (4 South, Range 31 East., Chaves Co., NM. from temporary abandoned injection to active injection, for the reinjection of produced water, approximately 200 Bls. per day at 500# pressure, into the Queer formation at a depth of 3042' to 3066'. 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. 2040 S. Pacheco. Santa Fe. NM -87505, within 15 days.

Sincerely.

Eddie W. Seay, Agent

Eddi W &

E SOUTH.	
tems (Laud V. 2 for auditional selvines)  in the month 4a s.b.  in the month effects on the reverse of this form so the firm.  in the month referent of the mailblede, or an the backler lat  in the month regulated (Laud the mailblede below the all Receipt was show to whom the article was delivered).	tot space 1 Addressee's Address 50 cticle number 2
10 To the Addressed to:	- 4a. Afficie Mullibel
: 1	4b. Service Type Registered Insured Certified COD Express Mail Return receipt for Merchandise  7. Date of Delivery
aftire (Andressee)	8. Addressee's Address (Only if requested and fee is paid)
(mature (Agent)	and fee is paid)
erin 3811, December 1991 #U.S. GPO: 1993—36	DOMESTIC RETURN RECEIPT

NA VER:	
there steems it and or 2 for additional services and ferms 3 and 4a 3 b.	following services if it is a set a - \$\varphi\$
an eland address on the reverse of this form so the second to yield	at we car feet:
<ul> <li>the four to the front of the mailpiece, or on the back to entiret.</li> </ul>	S A Tarabasa S A Taggers S
in carriero and frequested from the mailblebe below the art an fledelor will show to whom the article was delivered a	and the data 2. = nestricted Delivery
to Altide Addressed to:	Consuit postmaster for fee.
/ ru. [licem dins	L
	4b. Service Type
	Con Survey Con
	7. Date of Delivery
re (Audressee)	8. Addressee's Address (Only frequested and fee is paid)
Daynature (Agent) - Keller (M)	Ţ,
3811, December, 1991 &U.S. GPO: 1993—352-	714 DOMESTIC RETURN RECEIPT

#### 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 Drickey Queen Sand Unit in accordance with OCD WFX 23. Circle Ridge Production, Inc., wishes to convert Well #4 Unit H. 1980/N 660/E, Section 10. Township 14 South, Range 31 East., Chaves Co., NM, from temporary abandoned injection to active injection, for the reinjection of produced water, approximately 200 Bls. per day at 500# pressure, into the Queen formation at a depth of 3042' to 3066'. 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, 2040 S. Pacheco, Santa Fe. NM 87505, within 15 days.

### 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 issu July 21st	 ne dated , 1995
and ending with th July 21st	e issue dated , 1995
12 ( 2° Y)	n Lêtlik

Sworn and subscribed to before me

Manager

this 21st day of ...... ,1995 .....

**Notary Public** 

My Commission expires

(SEAL)

Publish July 21, 1995

#### LEGAL NOTICE

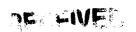
Pursuant to the rules and regulations of the State of New Mexico, Oil Conservation Division, Santa Fe, NM, notice is hereby given that Circle Ridge Production, Inc., has filed for expansion of their Drickey Queen Sand Unit in accordance with OCD WFX 23. Circle Ridge Production, Inc., wishes to convert Well #4 Unit #1 1980/N 660/E. Section 10 wishes to convert Well #4 Unit H, 1980/N 660/E, Section 10, Township 14 South, Range 31 East., Chaves Co., NM, from temporary abandoned injection to active injection, for the reinjection of produced water, approximately 200 Bls. per day at 500# pressure, into the Queen formation at a depth of 3042' to 3066'. 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, 2040 S. Pacheco, Santa Fe, NM 87505, within 15 days.

1995 OFFICE

WATER	
CHEMICAL QUALITY DF	Y - OCATION
CHEMICAL	LISTING BY
ENGINEER	
STATE	

39			;														1	Ř	
PAGE :	SOU		٥	;	į				i I	0					:			:	i.
14:58 05/22/85	ADD CARD DATA DATE 1284	1084	1284	0485	0485	0485	0385		1284	1276	1185	1284 0385		1284	1276	0385	1284	1284	1284
14:5	CLTR BEO	SEO SEO	OCC SEO BEO	SED	SEO	SEO	SEO	SEO	SED	220	SEO	3E0 SE0 SE0	SEO	SED	220	SEO	SEO	SE0 SE0	SED
	CLTN DP	90 90	0P 0P 0P	DP.	DΡ	T5349	00 00	DP	DP	Ωb	Υ <sub></sub>	00 00 00 00 00	γŢ	77 77	DP	DP DP	<b>DP</b> DP	DP DP	¥
	USE	STK	STX STX STX	STK	S	SRO	DOM	STK	STK	D0	DO	STR STR STR	STK	#00 00	STK	STK	STK	STK	STK
KU Z	REFERENCE FILE				L 03583														
ISTING BY LOCATION	BASIN FILE L	٦.	03 03	03 L	L 03584	L 03615	-1 -1		77	٦.	-1	L 06600 L 06600 L 06600	٦	L L 04315	Ļ	-1 -1	L 06652 L 06652	-1 -1	L L 05261
_1	7 0 WBF 100	70¢ 70¢	GAL GAL GAL	700 700	T06	106	70¢ 70¢	TRC	100	100	T06	706 70 <i>6</i> 70 <i>6</i>	106	706 706	100	706 706	70 <b>6</b> 700	70¢ 70¢	700 700
	TEMP DEG	63F		<b>66</b> F			69F 66F	969	68F 65F			65F 64F 67F		46F		66F 67F	66F 64F	65F 65F	62F
	CONDUCT M-MHOS 527	740	310 488 444	710	461	292	599	3660	693 775	425	532	469 479 490	448	480 488	310	501 490	525	513 509	651 649
	CHLORIDE mg/L 23	70	13 13 16	. <u>90</u> 171	24	29	44 8 8 8	450	7 <u>0</u> 37	42	35	4 19 26 26	21	26 33	46	33 35	3& 95	95 8	51 51
	DATE C COLLECTED 11/15/84	11/09/79 9/25/84	05/20/69 10/28/76 11/28/84	05/02/61 4/09/85	4/09/85	4/09/85	10/26/79	05/02/61	10/25/79	92/30/16	7/30/85	11/19/79 11/27/84 2/18/85	08/09/16	10/25/79	92/08/60	07/08/76 2/19/85	07/08/75 11/27/84	11/19/79	11/15/79
	LDCATION 13S 38E 31 21313	13S 38E 35 311331 13S 38E 35 311331	14S 29E 36 434434 14S 29E 36 434434 14S 29E 36 434434	145 31E 14 134432 145 31E 14 134432	14S 31E 23 42144	14S 31E 25 412434	145 31E 26 31431 145 31E 26 31431	148 31E 30 131124	14S 32E 07 412424 14S 32E 07 412424	14S 32E 14 12131	14S 32E 14 121312	145 32E 14 22322 145 32E 14 22322 145 32E 14 22322	14S 32E 14 224111	14S 32E 18 1111113 14S 32E 18 1111113	14S 32E 22 42224	14S 32E 29 144111 14S 32E 29 144111	145 32E 35 33443	145 32E 36 142224 14S 32E 36 142224	14S 33E 07 21222 14S 33E 07 21222



AND COMMENTS
OFFICE

1960 JAN Q F PH N 6.362 3 APPLICATION OF CITIES SERVICE OIL COMPANY TO EXPAND ITS DRICKEY QUEEN SAND UNIT WATER FLOOD PROJECT IN THE CAPROCK-QUEEN POOL IN CHAVES COUNTY, NEW MEXICO.

STATE OF MEW NEVICO

#### ADMINISTRATIVE ORDER OF THE OIL CONSERVATION COMMISSION

A. I. PORTER Je

Under the provisions of Rule 701, Cities Service Oil Company has made application to the Commission on December 7, 1959, for permission to expand its Drickey Queen Sand Unit Water Flood Project in the Caprock-Queen Pool, Chaves County, New Mexico.

NOW, on this 22nd day of December, 1959, the Secretary-Director finds:

- 1. That application has been filed in due form.
- 2. That satisfactory information has been provided that all offset operators have been duly notified of the application.
- 3. That no objection has been received within the waiting period as prescribed by Order 701.
- 4. That the proposed injection wells are eligible for conversion to water injection under the terms of Rule 701.
- 5. That the proposed expansion of the above-referenced water flood project will not cause waste nor impair correlative rights.
  - 6. That the application should be approved.

#### IT IS THEREFORE ORDERED:

That the applicant, Cities Service Oil Company, be and the same is hereby authorized to inject water into the Queen formation through the following described wells for purposes of secondary recovery, to-wit:

> Tract 3 Well No. 1 - NW/4 SE/4 Section 10 Tract 6 Well No. 1 - SE/4 NW/4 Section 10 Tract 6 Well No. 4 - SE/4 NE/4 Section 10 Tract 6 Well No. 13 - SE/4 NE/4 Section 3 Tract 6 Well No. 16 - SE/4 NW/4 Section 3 Tract 6 Well No. 20 - NW/4 NE/4 Section 3 Tract 38 Well No. 2 - NW/4 SW/4 Section 2

Tract 40 Well No. 1 - SE/4 SW/4 Section 2

Tract 47 Well No. 2 - NW/4 NW/4 Section Il

All located in Township 14 South, Range 31 East, Chaves County, New Mexico.

PROVIDED HOWEVER, that applicant shall inject water through tubing with a packer in each well set at a depth well below the top of the cement outside the casing.

Done at Santa Fe, New Mexico, on the day and year herinabove



OCU MUBBS OFFICE