

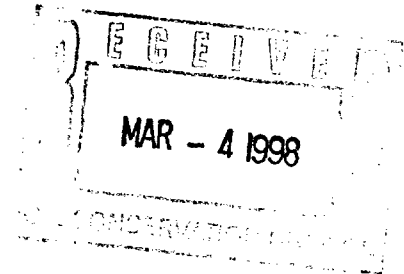
SWD 3/19/98
700

SHACKELFORD OIL COMPANY

P.O. Box 10665 Midland Texas 79702

Phone (915) 682-9784
Fax (915) 684-5026

February 23, 1998



Oil Conservation Division
P.O. Box 2088
State Land Office Building
Santa Fe, NM 87501

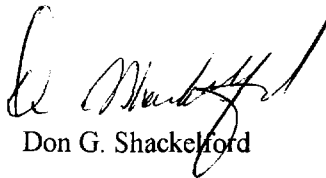
Attn: David R. Catanach

Re: Application for Saltwater Disposal
Hudson Federal No. 1
Seven Rivers Formation

Dear Sir:

Enclosed is Shackelford Oil Company's Application For Authorization To Inject (Form C-108) and required supporting data, for salt water disposal in the referenced well bore. I trust this will fulfill the data needed for the administrative approval of Shackelford Oil Company's application, but should you need additional data or have any questions, please contact me.

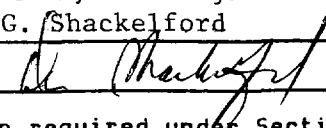
Very truly yours,



Don G. Shackelford

DGS:ns

APPLICATION FOR AUTHORIZATION TO INJECT

- I. Purpose: ☐ Secondary Recovery ☐ Pressure Maintenance ☒ Disposal ☐ Storage
Application qualifies for administrative approval? ☐ yes ☐ no
- II. Operator: SHACKELFORD OIL COMPANY
Address: P.O. Box 10665, Midland, Texas 79701
Contact party: Don G. Shackelford Phone: (915) 682-9784
- 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: Don G. Shackelford Title: President
Signature:  Date: February 24, 1998
- * 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

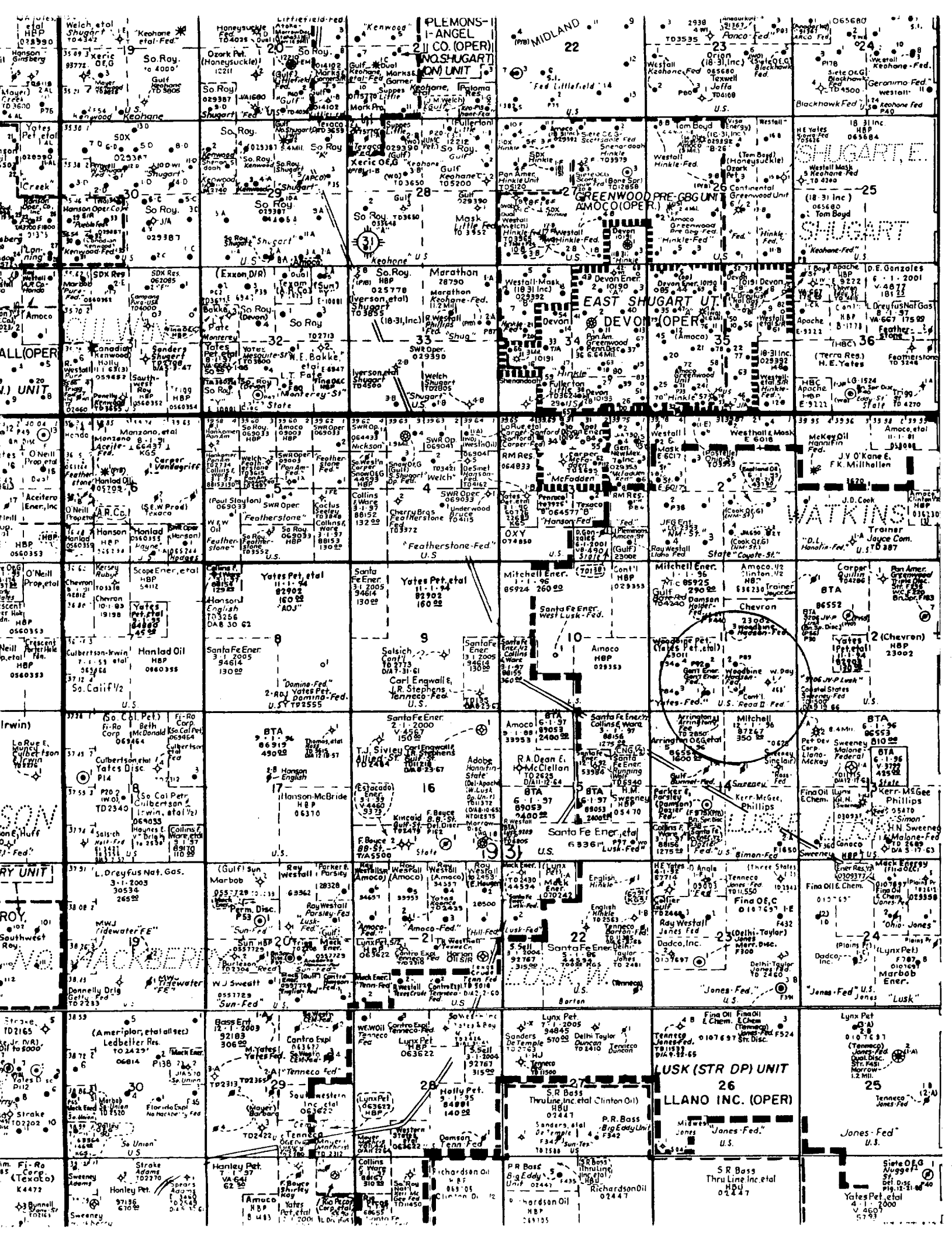
All applicants must furnish proof that a copy of the application has been furnished, by certified or registered mail, to the owner of the surface of the land on which the well is to be located and to each leasehold operator within one-half mile of the well location.

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.



SHACKELFORD OIL COMPANY
APPLICATION FOR SALT WATER DISPOSAL
WELL DATA SHEET

III.

- A. 1. Lease Name: Hadson Federal
Well No.: 1
Lease No.: NM 23002
Location: 1980' FNL & 660' FEL
Sec. 11, T19S, R31E
2. Casing Data: Hole size
- | | |
|---------|---|
| 12 1/4" | 9 5/8", 36# J-55 set @ 656.13', 145 sx PS Lite "C", 95 sx Class "C" cmt. Circulated 85 sx to surface. |
| 8 3/4" | 7", 23# J-55 set @ 2714.56', 450 sx Howco Lite & 100 sx Class "C" cmt., Circ 15 sx cmt to surface.' |
3. Tubing Data: 2 3/8" 4.7# J-55', 8R tbg @ 2630'
4. Packer Data: Baker R type packer, Double grip 7" pkr set @ 2625'
- B. 1. Injection Information: Seven Rivers
2. Perforated interval: 2648'-2656'
3. Original purpose of well: To test the Seven Rivers Formation for production of oil and gas in commercial quantities.
4. Plugged back perforations: None
5. Next higher productive zone: None
Next lower productive zone: Queen-Grayburg

VII.

1. Proposed average daily rate: 500 BWPD
Proposed maximum daily rate: 1000 BWPD
2. The system will be a closed system
3. Proposed average injection pressure: 200 psi
Proposed maximum injection pressure: 1000 psi
4. Water to be disposed of in this well will be water produced from wells in the same field and from the same formation.
5. Not applicable

VIII.

1. Formation Name: Seven Rivers
Lithology: Dolomite Sandstone
Thickness: 8'
Depth: 2648'-2656'

2. There are no water wells permitted for use in well area

APPLICATION FOR
SALT WATER DISPOSAL
HADSON FEDERAL WELL NO. 1
EDDY COUNTY, NEW MEXICO

WELL DATA TABULATION

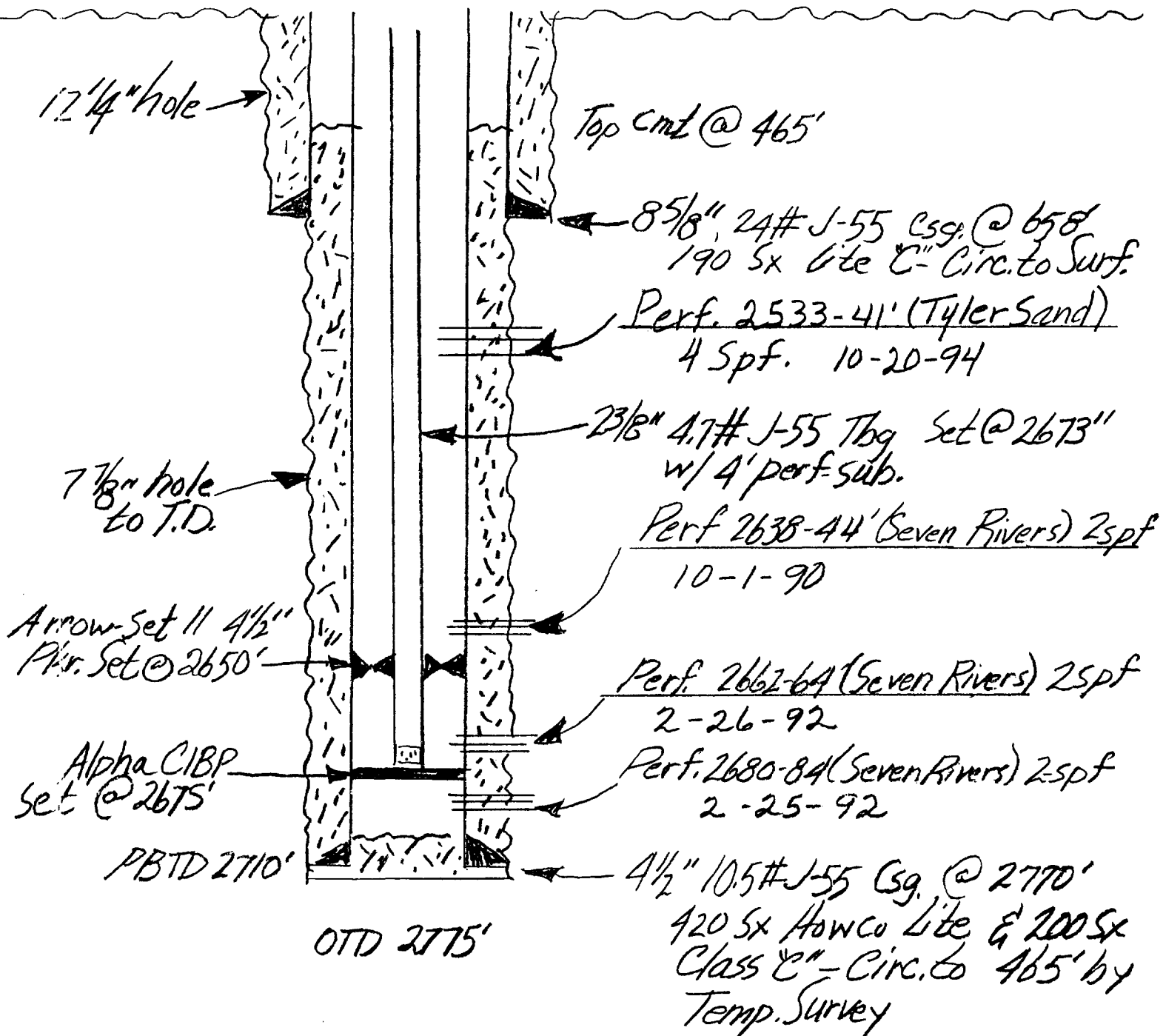
Operator: Well Name	Type	Date Drilled	Location	Total Depth	Completion-----			Status
					Perf	Reservoir	Date	
Shackelford Oil Co. Yates Federal No. 1	Oil	9-12-90	Sec. 11, T19S, R31E 660' FSL & 2080' FWL	2775'	2638-44'	Seven Rivers	10-1-90	Set pkr @ 2650'
					2680-84'	Seven Rivers	2-25-92	Set CIBP @ 2675'
					2662-64'	Seven Rivers	2-26-92	Active
					2533-41'	Tyler Sand	10-20-94	Active
Shackelford Oil Co. Yates Federal No. 2	Oil	12-11-90	Sec. 11, T19S, R31E 1650' FSL & 2080' FWL	2725'	2636-42'	Seven Rivers	12-30-90	Active
					2588-94'	B-1 Dolomite	10-18-94	Active
Shackelford Oil Co. Yates Federal No. 3	Oil	4-11-91	Sec. 11, T19S, R31E 990' FSL & 990' FWL	2718'	2648-64'	Seven Rivers	4-19-91	Active
Shackelford Oil Co. Yates Federal No. 4	Oil	3-10-91	Sec. 11, T19S, R31E 1650' FSL & 990' FWL	2732'	2671-81'	Seven Rivers	4-4-91	SWBD Dry
					2634-48'	Seven Rivers	4-5-91	Set BP @ 2601'
					2572-84'	Yates	4-19-91	Set BP @ 2658'
					2572-84' & 2634-48'	Yates & Seven Rivers	5-28-91	Isolated w/pkrs
					2572-84' & 2671-81'	Yates & Seven Rivers	3-10-92	Active
Gulf Oil Co. General Energy Corp Fed. No. 1	Oil	3-5-67	Sec. 11, T19S, R31E 660' FSL & 1980' FWL	11333'	11168-94'	Strawn	3-13-67	(Original Comp.)
					11168-264'	Strawn	9-8-67	P&A 12-17-71
Damson (Gulf) Holder "CT" Fed. No. 1	Oil	5-23-67	Sec. 11, T19S, R31E 1980' FNL & 1980' FWL	11310'	11127-71'	Strawn	5-31-67	(Original Comp.)
					11127-261'	Strawn	8-20-67	P&A 1-26-89

WELL DATA TABULATION

Operator: Well Name	Type	Date Drilled	Location	Total Depth	Completion			Status
					Perf	Reservoir	Date	
Continental Oil Co. Read 11 Federal No. 1	Oil	6-12-67	Sec. 11, T19S, R31E 660' FSL & 1980' FEL	11310'	11146-79'	Strawn	6-19-67	P&A 2-4-69
Shackelford Oil Company Hudson Federal No. 1	Oil	10-26-90	Sec. 11, T19S, R31E 760' FSL & 2180' FEL	2740'	2648-56'	Seven Rivers	11-8-90	Active
Shackelford Oil Company Hudson Federal No. 2	Oil	1-10-91	Sec. 11, T19S, R31E 1650' FSL & 2180' FEL	2724'	2684-84' 2660-68' 2643-51' 2568-80'	Seven Rivers Seven Rivers Seven Rivers Seven Rivers	1-29-91 2-19-91 10-18-91 10-22-91	SQZ CMTD Set BP @2656' SQZ CMTD Active
Shackelford Oil Company Hudson Federal No. 3	SWD	5-9-91	Sec. 11, T19S, R31E 2540' FNL & 2310' FEL	2744'	2713-17' 2700-03' 2700-03' 2613-26' 2613-22' 2613-17' 2613-25' 2613-79'	Seven Rivers Seven Rivers Seven Rivers Yates Yates Yates Yates Yates & Seven Rivers Seven Rivers	6-17-91 6-21-91 6-26-91 6-28-91 9-9-91 11-20-91 12-6-91 12-7-91 6-29-92	SQZ CMTD SQZ CMTD Set BP @2648' SQZ CMTD SQZ CMTD SWBD Salt Wtr SWBD Salt Wtr SWBD Salt Wtr SI Convert to SWD Active
Shackelford Oil Company Arrington Fed. No. 1	Oil	6-3-91	Sec. 14, T19S, R31E 2310' FWL & 330" FNL	2850'	2684-94' 2574-2610'	Seven Rivers Yates	6-27-91 7-1-91 11-4-92	Perf & Acidize Perf & Acidize TA

Present Completion

ELEV: KB 3568.5'
GL 3563'



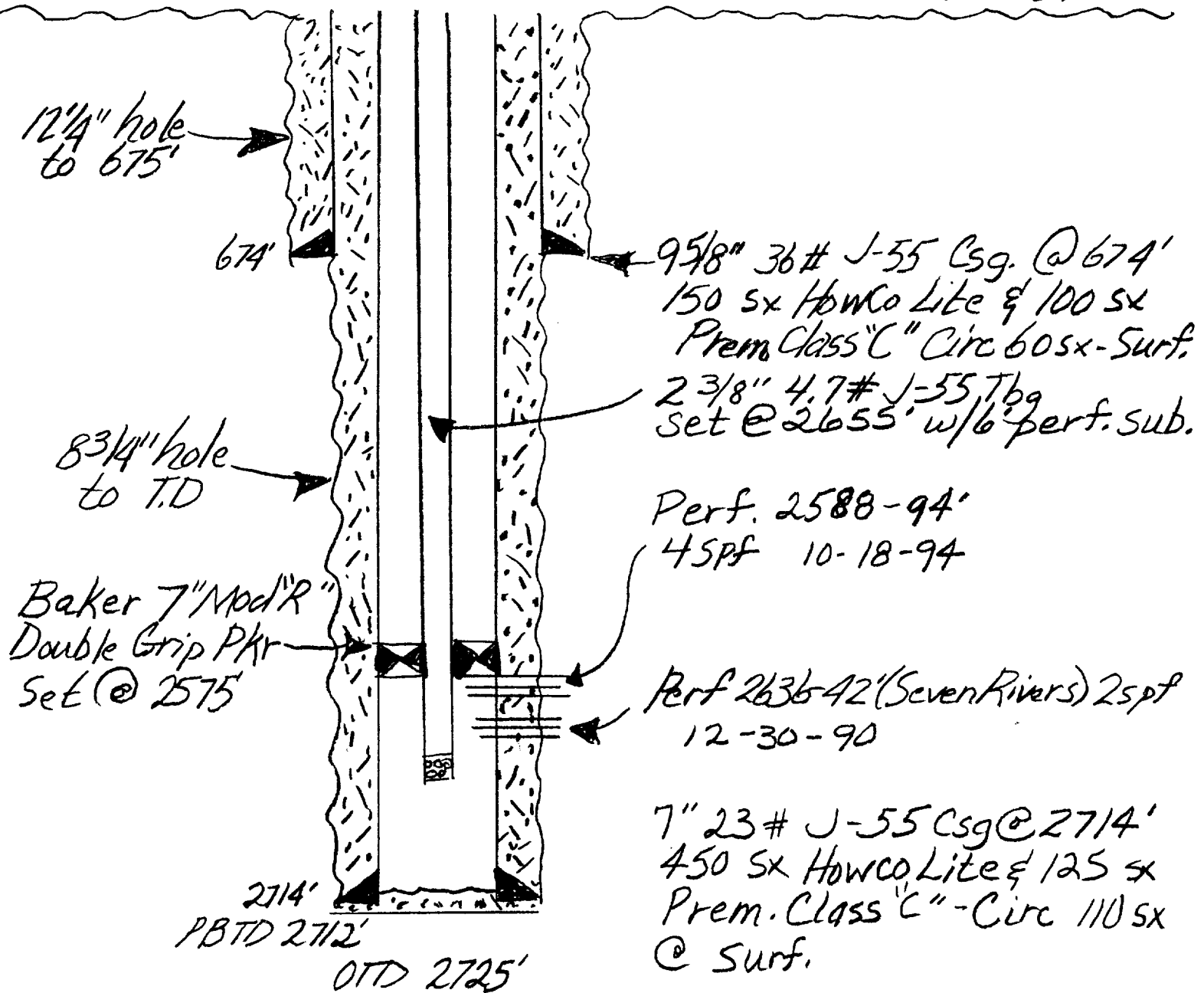
LOCN: SE SW Sec 11
T19S, R31E
FED LSE: NM 63011

Schematic Well Diagram
Shackelford Oil Company
Yates Federal No. 1
Eddy Co., N.M.

(API NO. 30-015-26492
No Scale 2/20/98 N. Shackelford

PRESENT COMPLETION

ELEV. KB 3580.5'
GL 3575'



Schematic Well Diagram
Shackelford Oil Company
Yates Federal No. 2

Eddy Co., NM
(API NO. 30-015-26648)
No Scale 2-20-98

N. Shackelford

LOCN: NESW Sec 11
T19S, R31E
FED LSE: NM 63011

PRESENT COMPLETION

ELEV. KB 3571.5'
GL 3466'

12 1/4" hole
to 655'

8 5/8" 23# J-55 Csg. @ 651'
2003x Homco Lite 4 1003x
Class "C" Circ 1003x-500ft

7 7/8" hole
to TD

2 3/8" 4.7# Tbg. Set @ 2609'
w/ 6' perf sub

PBTD 2715'

OTD 2710'

Perf 2648-64' (OA) Seven Rivers
25PF A/1400 gal/15% NEFE
4-17-91 (Orig. Compl 4-19-91)

5 1/2" 15.5# J-55 Csg. @ 2717'
3003x Homco Lite 4 1603x
Prem. Class "C" - Circ 155x-500ft

Schematic Well Diagram
Shackelford Oil Company

Yates Federal No 3
(API No 30-015-26642)
Shugart (Y, SR, Q, G) Field
Eddy Co. N.M.

Locn: SW SW Sec 11
T19S, R31E
Fed LSE NM 63001

No SCALE
5/4-92 J. Morris

PRESENT COMPLETION

ELEV: K8:
GL: 3565

13 3/8" hole
to 677'

9 5/8" 36# J-55 csg to 631'
265 SX Class "C" Howco Lte +
100 SX P Class "C" cmt., cir.
60 SX to sur.

8 3/4" hole
to 2731'

2 3/8" 4.7# J-55 tubg, w/ 6' part nipple

PDP: 2" x 1 1/2" x 16' brl. pump w/ 3/4" D-78
rods to 2-4' + 1-6' polyrods 4-20-91

③ Perf: 2634'-42', 2644'-43' 2SPF 4-5-91
A/1500 gal 15% NEFE ISOLATED 3-7-92

1 3/32" I.D. SN @ 2610'

7" 23# J-55, 8-R csg
to 2731'
375 SX Howco Lte +
125 SX Class "C" cmt.
82 SX amt cir. to sur.

3-9-92 { Pkr @ 2651'
B/Hbg @ 2658'

LOCAL: 1650 FSL & 990 FUL

11-T19S-R31E

Fed. 1st NM 63011

RTD 2724'
OTD 2732'

④ Repack: 2572-84' 2SPF 4-10-91
① Perf: 2572-84' 2SPF, 3-28-91
A/1000 15% NLFW. CO₂ FORM FRAC
w/ 2000 gal 15% NEFE + 36,000 gal
CO₂ FORM + 43,000 SD. 9-11-91.

② Perf: 2671-73' & 2676-81' 2SPF 4-4-91
A/150 gal 15% NEFE.

Schematic Well Diagram

Shackelford Oil Company

Kates Fed No. 4

(API 30-015-26643)

Eddy Co. NM

not to scale

13 May 92
YLS

ELEV: TB = 3580
GL = 3562

3562

Hole size 300' to unknown

704' 770'

30 SX 50 1/2" plug, 66' p surf.

13 1/8" csg 704'-300' (with gr. uk.)

93 SX cmt. 775'-600'

Hole size 4' to c. unknown

8 5/8" csg 770'-3950'

2140'-3950' L.H. 9-17-71

5 1/2" csg 325'-11328'

8200'-11328' L.H. 9-17-71

1002845'

Shot 8 5/8" csg @ 2140' & pulled 9-17-71

22 SX cmt. 4002'-3902'

9-17-71 3950'

22 SX cmt. 5251'-5151'

22 SX cmt. 6922'-6822'

9-17-71

17 SX cmt. plug, 8240'-8140'

9-17-71

Shot 5 1/2" csg @ 8200' & pulled 9-17-71.

② Perf 11238'-40'; 11246'-48'; 11262'-64'; 4.9 RE, A/1000. 9-8-67 No new bot.

Perf: 11168'-70'; 11178'-80'; 11192'-84'; 2 SPF A/1000. 1 PF: 456 30 RD. 70/2 Ek 3-13-67

Schematic Well Diagram

GULF: Gen Energy Fed No. 1

Eddy Co. NM

not to scale

13 May 92

11-7193-R31E

P.T.D 11300

d lse: NM 036739 OTD: 11333

GULF: Gen. Energy Fed No. 1.

Eddy Co NM

not to seek

13 May 92
V.S.

PRESENT COMPLETION

ELEV: KB =
GR = 3589'

Hole size
t.o.c. unknown

15 SX amt. 150' to 300' 1-26-89.

13 3/8" 189 430'-697"

15 SX amt 715' - 565' 1-26-89'

645'
697'

h/c size &
foc unknown

— 8⁵/₈" csg 665'-3999'

5 1/2" 139 380' 11310'

15 SX CMT 3997'-3742'

3995

15 sxcmt @ 4706' - 4556' $\rightarrow$

15 SX cm to 6802'-6657' →

15 SX cm t @ 7575'-7425'

15 SX CNT @ 10216' - 10166'
1-26-89

EZ drill cmt. retainer @
10,950' 15 SX cmt.
10,800' - 10,950' 1-25-89

SPUD: 4-19-67
P/A: 1-26-89

② Part: 11238'-43, N256'-61 4 SPF,
A/1000. 8-20-67 No new Pat.

10. Part: 11127-29, 11141-43, 11157-59;
11169-71, 2 VSPF 11100 gal
 1PF: 780 BOPD, + 297 MCF NoWH
 27/64" CK, 5-31-67
 11/3000 8-15-67

Schematic Well Diagram
DANSON (GULF): Holder "CT" Fed No. 1

Eddy Co NM

not to scale

13 May 92
KLS

LOCN-1980'FNL / 1980'FWL
11-7198-131E

Ed. 1se: NM 034954 PTD 11273
PTD 11310

P&A

PRESENT COMPLETION

ELEV: DF = 3578'
GL = 3565'

Hole size
unknown

10 SX cmt surface plug
10 3/4" csg, 500' - 700'

700'

25 SX cmt plug @ 693' (Interd. Seal)

Hole size
unknown

25 SX cmt plug @ 2187'

7 5/8" csg 375' - 3950'

2539' - 3950' L1 H2 4-69

4 1/2" csg 200' - 11300' orig.

9961' - 11300' L1 H. 2-4-69

3950'

Hole size
unknown

2" production tubing pulled, 2-4-69

25 SX cmt plug 7300' - 7360'
2-4-69

Shot 4 1/2" @ 9961' & pulled.

25 SX cmt plug @ 9961' 2-4-69

50 SX cmt plug
@ 11063'

SPUD: 5-6-67
P&A: 2-4-69

Perf: 11146' - 55, 11160' - 61, 11164' - 65,
11169' - 70, 11172' - 73, 11178' - 79

A/5000 OA. 6-19-67

IPF: 5580 + 172 MCF, no MTR, 3/4" LK.

Schematic Well Diagram

CONTINENTAL: Read 11 Fed No 1

Eddy Co NMA

not to scale

13 May 92

YLS

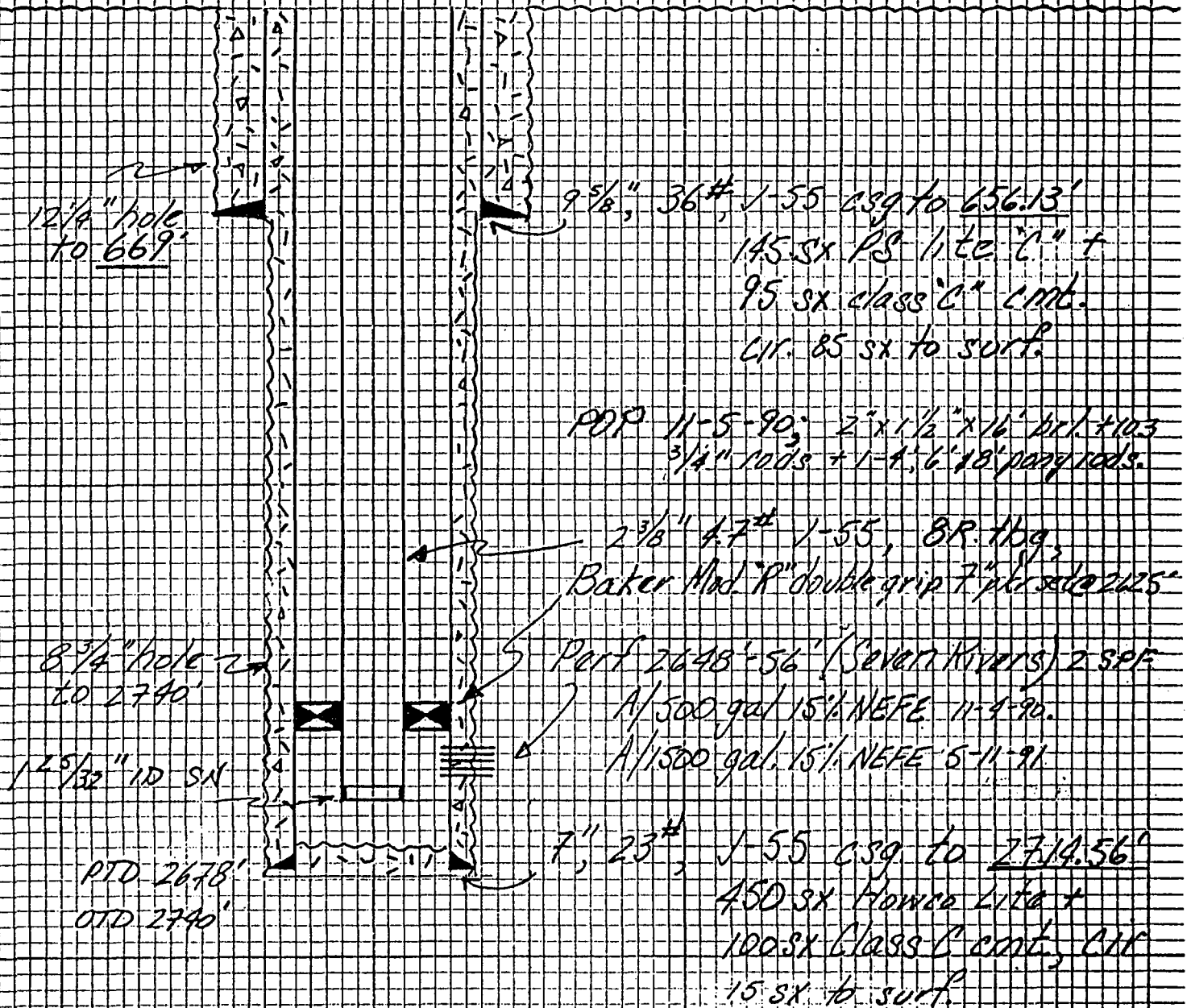
LOCN: 660' FSL & 1980' FEL

11-T19S-R31E

Fed. lease NMD39879

PRESENT COMPLETION.

ELEV. 18' =
GL = 3566'



Schematic Well Diagram
Shackelford Oil Company

Hudson Fed. No 1

30-015-26524

Eddy Co., N.M.

Not to scale

12 May 92
K.S.

100' N: 2180' FEL, 760' FSL

11-193-R31E

Fed No 1 NM 23002

PRESENT COMPLETION

Elev. KB: 3583.5'
GL: 3578'

12 1/4" hole
to 673'

9 5/8" 36# J-55 csg to 670'
150 SX PS 1 1/2" +
95 SX Class C" cmt. air.
50 SX to SUR.

2 3/8" 4.7# J-55, 1 kg.

P.O.P. 2" x 1 1/2" x 16' brl plugger &
3/4" 1009, 1-B, & pony, 2-19-91
10-24-91.

8 3/4" hole
to 2724'

Perf: 2568'-80' 3 SPF. 10-22-91.
A/450 gal 15% NEFE.

Perf: 2643'-51' (Seven R.) 2 SPF. 10-18-91
Sg 60 SX 10-21-91.

Perf: 2660'-68' (Seven R.) 16 holes.
A/100 gal 15% NEFE 2-18-91 Sg 10-21

Perf: 2682'-84' (Seven Rivers) 5 holes.
A/600 gal 15% NEFE.

Squeeze w/ 5/8" SX Class C cmt. 2-16-91.

7" 23# J-55 csg to 2724'
400 SX Howco lite +
125 SX Class C" cmt, air.
45 SX to SUR.

Schematic Well Diagram
Shackelford Oil Company

Hudson Fed. No. 2

30-15-26604

Eddy Co. NM.

not to scale

12 May 91
VLS

Loc. H: 2180' FEL & 1650' F2

11-T193-R3/E

Fed lease NM 23002

PTD 2675.5

PTD 2716

OTD 2724

1 25/32" 10 SN for SV 2618'

PTD: 2621'

PRESENT COMPLETION

ELEV. KB = 35915'
GL = 3586'

12 1/4" hole
to 669'

7 7/8" hole
to 2744'

8 5/8" 23# J-55, 8RCSg to 666'
165 SX Howco Lite & 100 SX
CLASS 'C' cmt, Circ. 70 SX
to Surf.

5 1/2" 15.5# J-55, 8RCSg to 2743'
400 SX Howco Lite &
125 SX CLASS 'C' cmt. Circ.
65 SX to Surf. 5-9-91

⑦ Perf: 2622'-25', 2679'-82' 2SPF, 12-7-91
SWb 100% SW, SI 12-9-91

⑥ Perf: 2613'-17' 10 holes A/600 gal/15%
NEFE, 11-20-91

⑤ Perf: 2613'-22', 2 SPF, A/1300 gal.
15% NEFE, 7-29-91
Sgz. w/18 SX cmt 11-16-91

④ Perf: 2316'-26' 28 holes. A/1500 gal.
15% NEFE FRAC. w/ 500 bbls foam
gel, 70% CO₂ + 523' SX 14/30 SD.
Sgz. w/70 SX cmt. 7-25-91

③ Perf: 2700'-03' 8 holes, A/1100 gal.
15% NEFE, SWb SW. N.S. 6-26-91

② Perf: 2700'-03' 8 holes, 6-21-91.
Sgz all pfs, 2700'-2717' w/ 50 SX 6-25-91.
Reperf w/4 SPF 6-29-92

① Perf: 2713'-17' 10 holes 6-17-91 A/100 gal.
15% NEFE, SWb. SW
Reperf w/4 SPF 6-29-92

④ ⑤ ⑥
⑦
⑧
⑨
⑩
Schematic Well Diagram
Shackelford Oil Company
Hudson Federal No. 3 SWD
Eddy Co., NM

(API NO. 30-015-26730)

Not to Scale 2-20-98

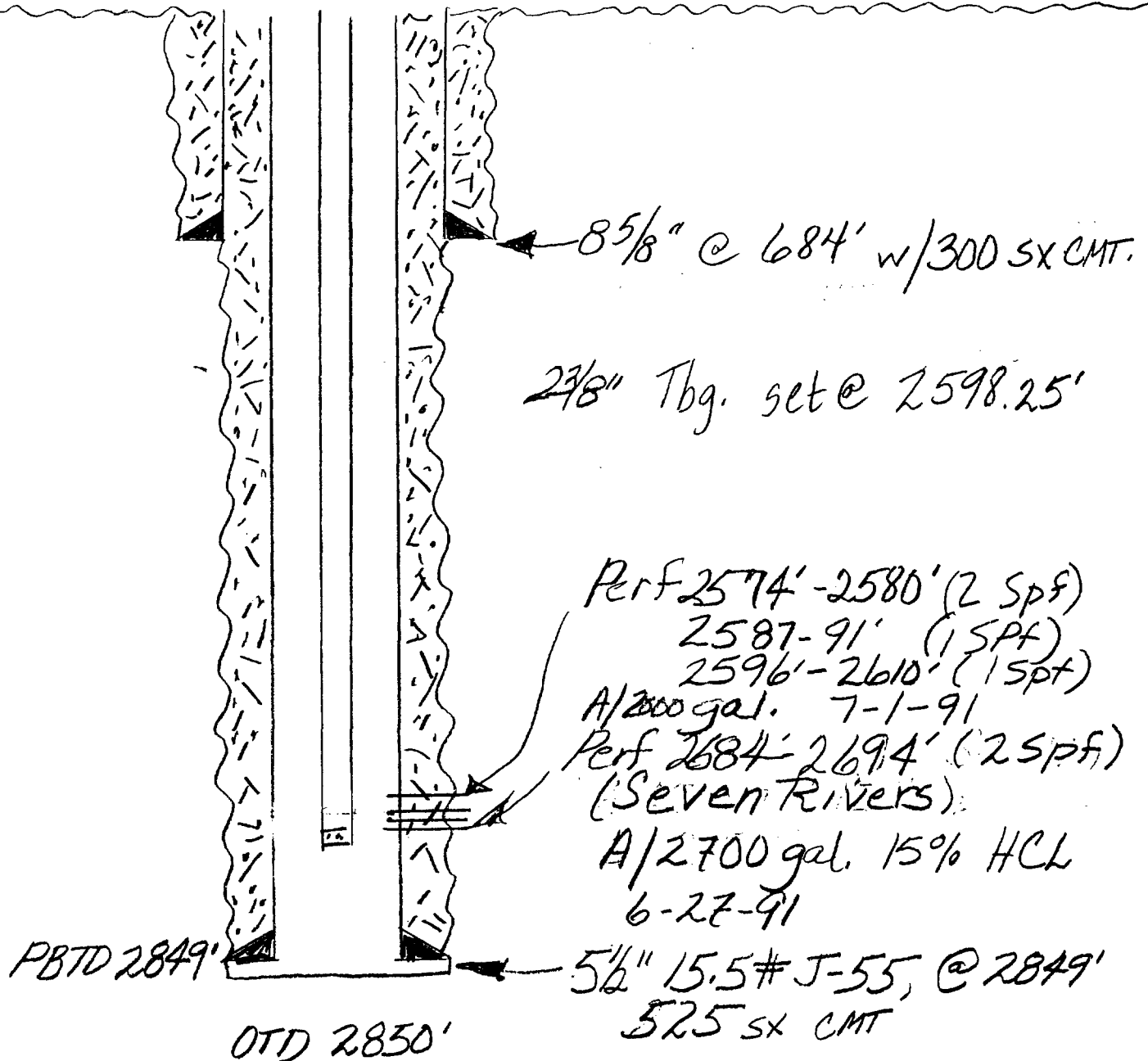
NPS

Loc'n: 2510' FNL &
230' FEL
Sec 11-T19S-R31E
Fed Lse: NM23002

PTD: 2733'
OTD: 2744'

PRESENT COMPLETION

ELEV. KB = 3564'
GL = 3559'



Schematic Well Diagram
Shackelford Oil Company
Arrington Federal No. 1
(API No. 30-015-26756)

Loc'n: Sec. 14, T19S, R31E
330 FNL & 2310' FWL
Eddy Co., NM.

No Scale 2-23-98

NS

SHACKELFORD OIL COMPANY

P.O. Box 10665
Midland, Texas 79702

Phone (915) 682-9784
Fax (915) 684-5026

February 23, 1998

APPLICATION FOR SALT WATER DISPOSAL (Form C-108)
SHACKELFORD OIL COMPANY: HADSON FEDERAL NO. 1
SHUGART FIELD, EDDY COUNTY, NEW MEXICO

Gentlemen:

I have reviewed all available geological and engineering data in the Shugart Field area and have found no evidence of faulting or hydrologic connection between the proposed salt water disposal zone and any underground source of fresh water.

Very truly yours,



Bob L. Shackelford
Consulting Geologist

Faxed
2-23-98

SHACKELFORD OIL COMPANY
203 WEST WALL
SUITE #401
MIDLAND, TX 79701
PHONE: 915-682-9784

TO: *Hobbs News Sun*

FAX NUMBER: *505 - 393 - 5124*

FROM: DON SHACKELFORD

FAX NUMBER 915-684-5026

NUMBER OF PAGES INCLUDING THIS ONE: *2*

REMARKS: *Attention: Legals*

Please publish the following legal notice
for one day.

SHACKELFORD OIL COMPANY

P.O. Box 10665 Midland Texas 79702

Phone (915) 682-9784

Fax (915) 684-5026

February 23, 1998

Purpose: Salt Water Disposal
Well: Hadson Federal Well No. 1
Location: Sec. 11, T-19-S, R-31-E
760' FSL & 2180' FEL

Formation Name: Seven Rivers
Depth: 2648'-2656'

Maximum Injection Rate: 1000 BWPD
Maximum Pressure: 1000 PSI

Interested Parties must file objections or request for hearing within 15 days to the following address:

Oil Conservation Division
P.O. Box 2088
Santa Fe, New Mexico 87501

SHACKELFORD OIL COMPANY

P.O. Box 10665 Midland Texas 79702

Phone (915) 682-9784
Fax (915) 684-5026

February 23, 1998

Certified Mail P 245 748 466

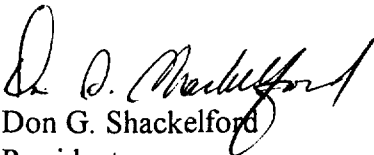
Bureau of Land Management
P.O. Box 1778
Carlsbad, NM 88221-1778

Dear Sirs:

This letter shall constitute official notice that Shackelford Oil Company proposes to convert the Hadson Federal Well No. 1, located at 760' from the South line and 2180' from the East line, Section 11, Township 19S, Range 31E, Eddy County, New Mexico, into a salt water disposal well with water to be disposed into the Seven Rivers formation from 2648' to 2656'.

Should you have any questions related to this application, please contact the New Mexico Oil Conservation Division within fifteen days of the date of this letter.

Sincerely ,


Don G. Shackelford
President

DGS/ns

P 245 748 466

US Postal Service Receipt for Certified Mail

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

Sent to <i>BLM</i>	Street & Number	Post Office, State, & ZIP Code <i>P.O. Box 1778 Carlsbad NM 88221</i>
Postage <i>\$ 0.32</i>	Certified Fee <i>1.35</i>	Special Delivery Fee
Restricted Delivery Fee		Return Receipt Showing to Whom & Date Delivered <i>2.45</i>
Return Receipt Showing to Whom, Date, & Addressee's Address		TOTAL Postage & Fees <i>\$</i>
Postmark or Date		

SHACKELFORD OIL COMPANY

P.O. Box 10665 Midland Texas 79702

Phone (915) 682-9784
Fax (915) 684-5026

February 23, 1998

Certified Mail P 245 748 467

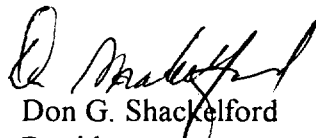
Yates Petroleum Corporation
105 South Fourth Street
Artesia, NM 88210

Dear Sirs:

This letter shall constitute official notice that Shackelford Oil Company proposes to convert the Hadson Federal Well No. 1, located at 760' from the South line and 2180' from the East line, Section 11, Township 19S, Range 31E, Eddy County, New Mexico, into a salt water disposal well with water to be disposed into the Seven Rivers formation from 2648' to 2656'.

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Sincerely ,


Don G. Shackelford
President

DGS/ns

P 245 748 467

US Postal Service Receipt for Certified Mail No Insurance Coverage Provided. Do not use for International Mail (See reverse)	
Sent to	Yates Petroleum Corp
Street & Number	105 So. 4th Street
Post Office, State, & ZIP Code	Artesia, NM 88210
Postage	\$ 0.32
Certified Fee	1.35
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	2.45
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$ 4.12
Postmark or Date	

PS Form 3800, April 1995

SHACKELFORD OIL COMPANY

P.O. Box 10665 Midland Texas 79702

Phone (915) 682-9784

Fax (915) 684-5026

February 23, 1998

Certified Mail P 245 748 468

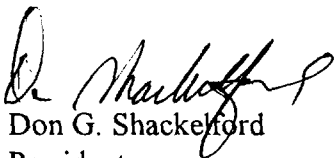
Hadson Corporation
P.O. Box 26770
Oklahoma City, OK 73126

Dear Sirs:

This letter shall constitute official notice that Shackelford Oil Company proposes to convert the Hadson Federal Well No. 1, located at 760' from the South line and 2180' from the East line, Section 11, Township 19S, Range 31E, Eddy County, New Mexico, into a salt water disposal well with water to be disposed into the Seven Rivers formation from 2648' to 2656'.

Should you have any questions related to this application, please contact the New Mexico Oil Conservation Division within fifteen days of the date of this letter.

Sincerely ,


Don G. Shackelford
President

DGS/ns

P 245 748 468

US Postal Service Receipt for Certified Mail

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

Sent to	Hadson Corp.
Street & Number	P.O. Box 26770
Post Office, State, & ZIP Code	Oklahoma City OK 73126
Postage	\$ 0.32
Certified Fee	1.35
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	2.45
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$ 4.12
Postmark or Date	

Form 3800, April 1995

SHACKELFORD OIL COMPANY

P.O. Box 10665 Midland Texas 79702

Phone (915) 682-9784

Fax (915) 684-5026

February 23, 1998

Certified Mail P 245 748 469

Mitchell Energy Corporation
P.O. Box 4000
The Woodlands, TX 77380

Dear Sirs:

This letter shall constitute official notice that Shackelford Oil Company proposes to convert the Hadson Federal Well No. 1, located at 760' from the South line and 2180' from the East line, Section 11, Township 19S, Range 31E, Eddy County, New Mexico, into a salt water disposal well with water to be disposed into the Seven Rivers formation from 2648' to 2656'.

Should you have any questions related to this application, please contact the New Mexico Oil Conservation Division within fifteen days of the date of this letter.

Sincerely ,


Don G. Shackelford
President

DGS/ns

P 245 748 469

US Postal Service	
Receipt for Certified Mail	
No Insurance Coverage Provided.	
Do not use for International Mail (See reverse)	
Sent to	Mitchell Energy Corp.
Street & Number	P.O. Box 4000
Post Office, State, & ZIP Code	The Woodlands, TX 77380
Postage	\$ 0.32
Certified Fee	1.35
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	2.45
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$ 4.12
Postmark or Date	

CHECKLIST for ADMINISTRATIVE INJECTION APPLICATIONS

Operator: SHACKLEFORD OIL CO.

Well: HADSON FEDERAL No-1

Contact: DON SHACKLEFORD Title: PRES.

Phone: 915-682-9784

DATE IN 3-4-98 RELEASE DATE 3-19-98 DATE OUT 3-27-98 ORDR 4-17-98

Proposed Injection Application is for: ☐ WATERFLOOD ☐ Expansion ☐ Initial

Original Order: R- ☐ Secondary Recovery ☐ Pressure Maintenance

SENSITIVE AREAS

☒ SALT WATER DISPOSAL ☐ Commercial Well

☐ WIPP ☒ Capitan Reef

Data is complete for proposed well(s)? YES Additional Data Req'd _____

GEOLOGY WELL DEFINED INDICATING NO COMMUNICATION SR/REEF AS PER

AREA of REVIEW WELLS

DON SHACKLEFORD 3-27-98

10 Total # of AOR

2 # of Plugged Wells

YES Tabulation Complete

YES Schematics of P & A's

YES Cement Tops Adequate

NO AOR Repair Required

INJECTION FORMATION

Injection Formation(s) SEVEN RIVERS Compatible Analysis _____

Source of Water or Injectate _____

PROOF of NOTICE

☒ Copy of Legal Notice

☒ Information Printed Correctly

☒ Correct Operators

☒ Copies of Certified Mail Receipts

NO Objection Received

☐ Set to Hearing _____ Date

NOTES:

APPLICATION QUALIFIES FOR ADMINISTRATIVE APPROVAL? YES

COMMUNICATION WITH CONTACT PERSON:

1st Contact: ☒ Telephoned ☐ Letter 3-27-98 Date

Nature of Discussion REEF GEOLOGY ???

2nd Contact: ☐ Telephoned ☐ Letter _____ Date

Nature of Discussion _____

3rd Contact: ☐ Telephoned ☐ Letter _____ Date

Nature of Discussion _____

827-8177

AFFIDAVIT OF PUBLICATION

State of New Mexico,
County of Lea.

I, KATHI BEARDEN

Publisher

of the Hobbs Daily News-Sun, a daily newspaper published at Hobbs, New Mexico, do solemnly swear that the clipping attached hereto was published once a week in the regular and entire issue of said paper, and not a supplement thereof for a period.

of 1 weeks.

Beginning with the issue dated

February 25 1998

and ending with the issue dated

February 25 1998

Kathi Bearden
Publisher

Sworn and subscribed to before

me this 25th day of

February 1998

Jodi Benson
Notary Public.

My Commission expires
October 18, 2000
(Seal)

This newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Laws of 1937, and payment of fees for said publication has been made.

LEGAL NOTICE
February 25, 1998

Shackelford Oil Company, P.O. Box 10665, Midland, Texas 79702, has submitted an application to convert its Hudson Federal #1 well to salt water disposal in the Seven Rivers formation at a depth of 2648 to 2658 feet, located 760' FSL & 2180' FEL of Section 11, T-19-S, R-31-E. The expected maximum injection rate is 1000 BWPD at a maximum pressure of 1000 PSI. Interested parties must file objections or requests for hearings with the New Mexico Oil Conservation Division in writing at P.O. Box 2088, Santa Fe, New Mexico 87501 within 15 days of this notice. For additional information contact Don Q. Shackelford at 915-882-9784. #15753

01102319000 01517541
Shackelford Oil Company
P.O. Box 10665
a/c 372070
MIDLAND, TX 79702