

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well  
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator  
DEVON ENERGY CORPORATION (NEVADA) ✓

3. Address and Telephone No.  
20 NORTH BROADWAY, SUITE 1500, OKLAHOMA CITY, OKLAHOMA 73102 (405) 235-3611

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
330' FNL & 2230' FEL Sec.B-35-T18S-R31E

5. Lease Designation and Serial No.  
NM-10191

6. If Indian, Allottee or Tribe Name  
N/A

7. If Unit or C.A. Agreement Designation  
14-08-001-11572

8. Well Name and No.  
East Shugart Unit #52

9. API Well No.  
30-015-27946

10. Field and Pool, or Exploratory Area  
Shugart (Y-SR-Q-G)

11. County or Parish, State  
Eddy, NM

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

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

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

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

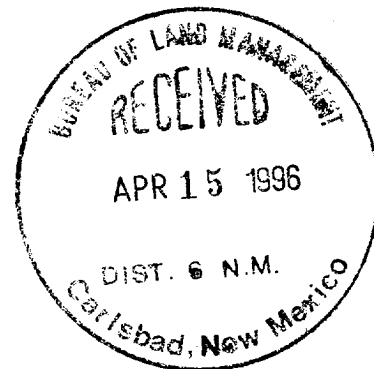
See attached Application for Authorization to Inject.

**SUBJECT TO  
LIKE APPROVAL  
BY STATE**

RECEIVED

MAY 14 1996

OIL CON. DIV.  
DIST. 2



14. I hereby certify that the foregoing is true and correct

Signed Candace R. Graham

Title

CANDACE R. GRAHAM  
ENGINEERING TECH.

Date 4/10/96

(This space for Federal or State office use)

Approved by Orig. Signed by Shannon J. Shaw

Title

PETROLEUM ENGINEER

Date 5/10/96

Conditions of approval, if any:

APPLICATION FOR AUTHORIZATION TO INJECT

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

II. Operator: Devon Energy Corporation (Nevada)  
Address: 20 North Broadway, Ste 1500, Oklahoma City, OK 73102

Contact party: E.L. Buttross, Jr. (Ernie) Phone: (405) 552-4509

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 WFX-664

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. Refer to Attachment V

\* 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. Refer to Attachment VI

VII. Attach data on the proposed operation, including: Refer to Attachment VII

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. Refer to Attachment VIII

IX. Describe the proposed stimulation program, if any. Plan to Acidize Queen perforations with approximately 5000 gals of 15% NEFE acid.

\* X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division they need not be resubmitted.) On file with the OCD

\* 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. NA. There are no fresh water wells within a one mile radius.

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. Refer to Attachment XII

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: E.L. Buttross, Jr. (Ernie) Title: District Engineer

Signature: E.L. Buttross Jr. Date: 3/26/96

\* 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.

## **ATTACHMENT III (tabular)**

### **Well Data**

- A.
- (1) East Shugart Unit #52  
330' FNL and 2230' FEL  
Section 35-18S-31E  
Eddy County, NM
  - (2) Please refer to the wellbore schematic labeled Attachment III - (schematic)  
8-5/8" 24# csg @ 949' w/500 sxs cmt, TOC Surf  
5-1/2" 15.5# csg @ 4035' w/975 sxs cmt, TOC Surf  
(Also see schematic for any tbg and / or liner used)
  - (3) Tubing will be 2-3/8" plastic coated, set @ 3625'
  - (4) A 5-1/2" x 2-3/8" Loc-set Pkr will be set @ 3625'
- B.
- (1) The injection formations will be the Queen Sands in the Shugart field.  
(Y-SR-Q-G)
  - (2) The proposed interval is 3701-3875' . The injection interval will be through existing perforations 3701-3875'.
  - (3) This well was originally drilled and completed as an oil well. It produced from the Queen Formation.
  - (4) Please refer to the wellbore schematic labeled Attachment III (schematic) for depths of other perforated intervals and detail on the sacks of cement of BP used to seal off perforations.
  - (5) The Top of the Queen Formation is approximately 3400', there are no known lower oil formations.

## **Attachment VII**

Devon Energy Corporation  
East Shugart Unit #52  
330' DNL and 2230' FEL  
Section 35-18S-31E  
Eddy County, NM

### **Proposed Operation:**

1. Plans are to inject 500-700 barrels of produced water per day.
2. The Injection system will be a closed system.
3. The proposed injection pressure is 1350 psig. Maximum pressure will be 1800 psig.
4. The injection fluid will be primarily reinjected produced water; Some additional water may come from offset leases.
5. NA.

## **Attachment VIII**

Devon Energy Corporation  
East Shugart Unit #52  
330' DNL and 2230' FEL  
Section 35-18S-31E  
Eddy County, NM

### **Geology and Lithology**

Injection zones are sand lenses within the Queens formation from 3404-3895 feet.  
Specifically they are:

Upper Queen 1,2, & 3  
Lower Queen 1,2,3, & 4

#### **Fresh Water Zones**

Base of near surface aquifer 950'. No fresh water zones exist below the proposed injection interval.

## **Attachment XII**

Devon Energy Corporation  
East Shugart Unit #52  
330' DNL and 2230' FEL  
Section 35-18S-31E  
Eddy County, NM

No evidence of fault communication between the shallow aquifers and the proposed injection zones has been encountered as the result of detailed studied of formations in East Shugart Unit.

### **Proof of Notice**

Devon Energy Operating Corporation operates the East Shugart Unit in Sections 34, 35, 36, 26, 25 of 18S-31E, and Sections 2 and 3 of T17S-31E, Eddy County, NM. Operators operating in area of review:

Enerloc Resources Inc. (Tom Boyd)

Ozark Expl Inc.

Ray Westall

General New Mexico Inc.

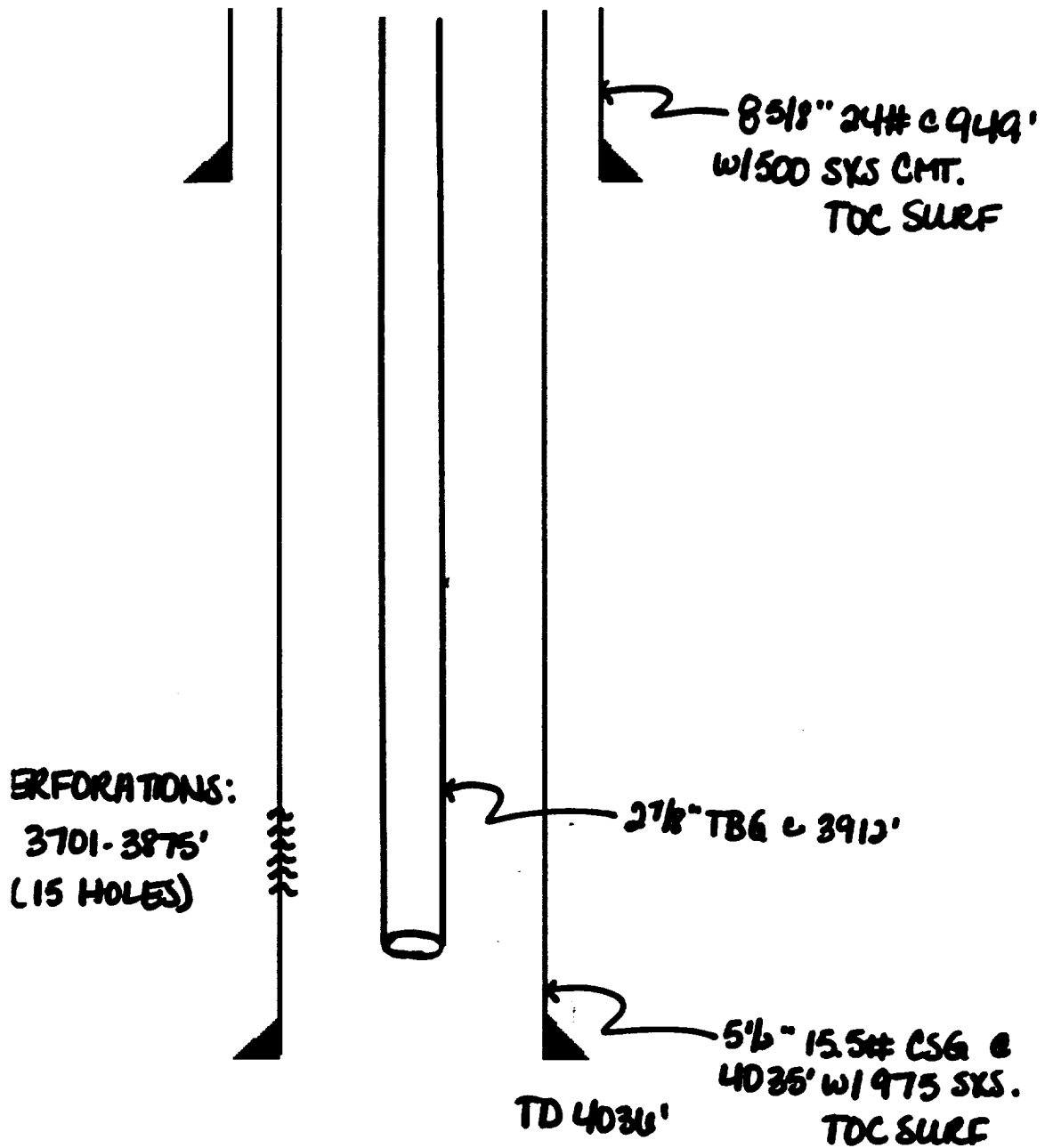
Each of these operators were provided a letter and a copy of our application by certified mail. Proof of notice is enclosed. The Bureau of Land Management is the surface owner. They have been notified by letter with a copy of our application.

### **Proof of Publication**

Proof of Publication from the Carlsbad Current-Argus is enclosed.

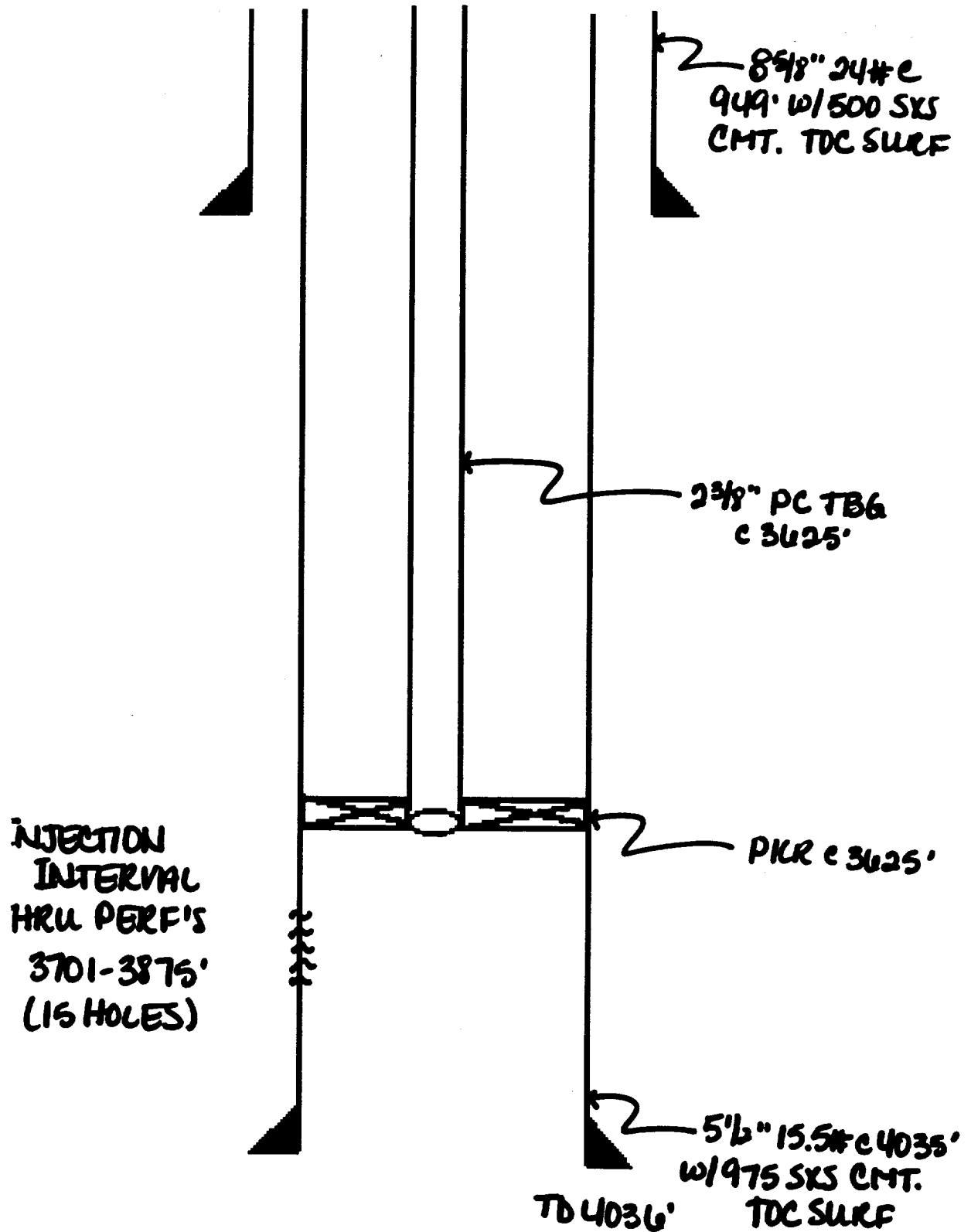
Devon Energy Operating Corporation  
Attachment III - Schematic  
EXISTING WELLBORE

East Shugart Unit #52  
330' FNL and 2230' FEL  
Section 35-18S-31E  
Eddy County, NM



PROPOSED WELLBORE

East Shugart Unit #52  
330' FNL and 2230' FEL  
Section 35-18S-31E,  
Eddy County, NM





# Affidavit of Publication

Nº 18076

State of New Mexico,  
County of Eddy, ss.

Amy McKay

being first duly sworn, on oath says:

That she is Business Manager  
of the Carlsbad Current-Argus, a newspaper published daily at the City of Carlsbad, in said county of Eddy, state of New Mexico and of general paid circulation in said county; that the same is a duly qualified newspaper under the laws of the state wherein legal notices and advertisements may be published; that the printed notice attached hereto was published in the regular and entire edition of said newspaper and not in supplement thereof on the date as follows, to wit:

February 23, 19 96  
\_\_\_\_\_, 19 \_\_\_\_  
\_\_\_\_\_, 19 \_\_\_\_  
\_\_\_\_\_, 19 \_\_\_\_  
\_\_\_\_\_, 19 \_\_\_\_  
\_\_\_\_\_, 19 \_\_\_\_

That the cost of publication is \$ 32.71,  
and that payment thereof has been made and will  
be assessed as court costs.

Amy McKay  
Subscribed and sworn to before me this  
28th day of February, 1996  
Donna Crump

My commission expires 08/01/98  
Notary Public

February 23, 1996

Notice is hereby given that  
Devon Energy Corporation  
(Nevada) is applying to the  
New Mexico Oil Conservation  
Division to convert the following  
wells to water injection  
wells:

East Shugart Unit #20  
1980' FSL 660' FWL  
Section 35-18S-31E  
Eddy County, NM

and

East Shugart Unit #52  
330' FNL and 2230' FEL  
Section 35-18S-31E  
Eddy County, NM

and

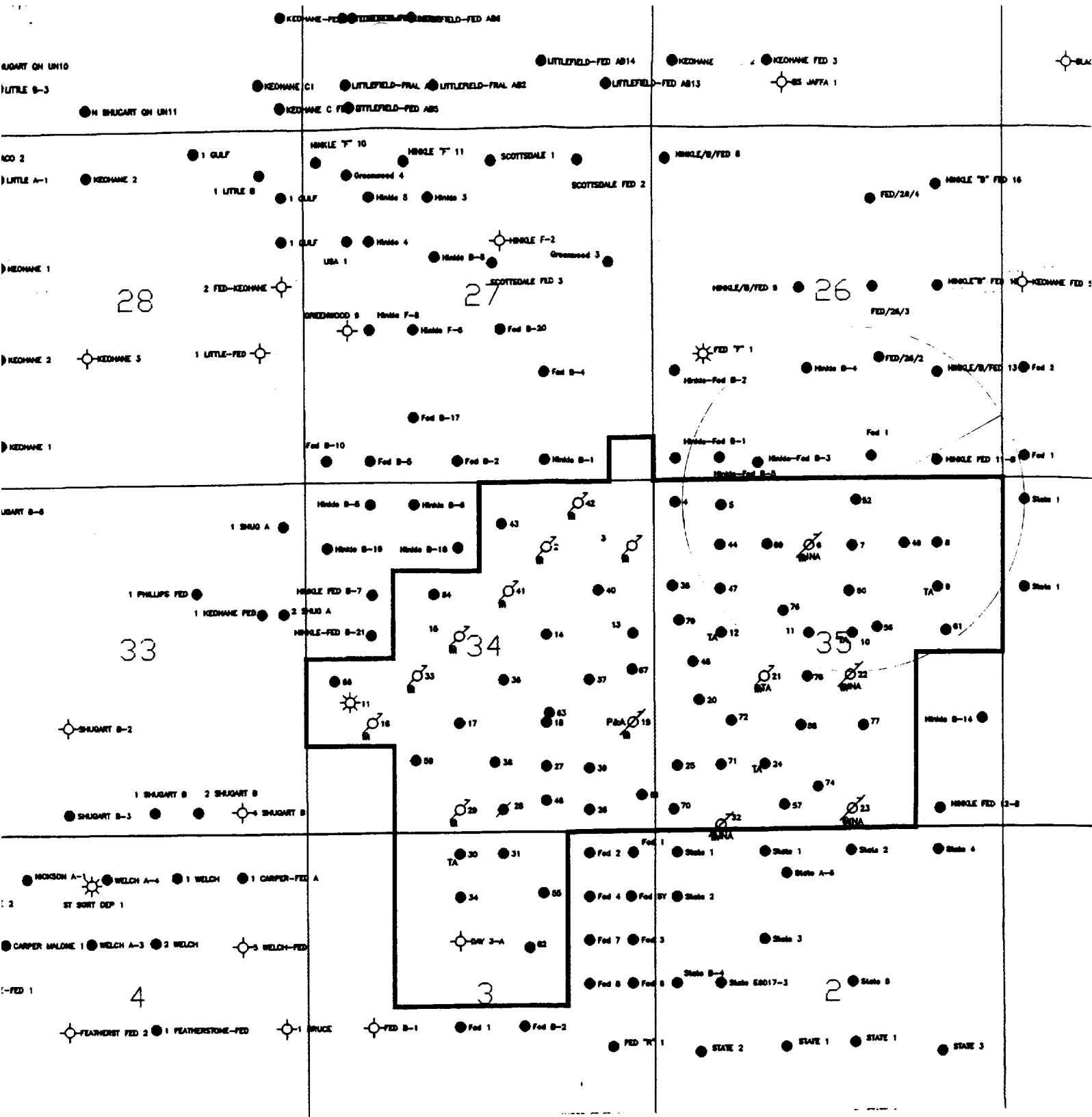
East Shugart Unit #76  
1990' FNL and 1940' FWL  
Section 35-18S-31E  
Eddy County, NM

The intended purpose of this  
well is to inject produced waters  
into the Queen formation  
to enhance oil production  
through secondary recovery.  
Maximum injection rates of  
800 bwpd and a maximum  
pressure of 1800 psig are expected.

Interested parties must file objections  
or requests for hearing within 15 days to the following  
commission:

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

Ernie Buttross  
District Engineer  
Devon Energy Corporation  
(Nevada)  
20 North Broadway,  
Suite 1500  
Oklahoma City, OK 73102  
(405) 552-4509



ESU #52

ATTACHMENT VI

Well Name	Location	Spud Date	Completion Date	Type of Well	Depth/PBTD	Completion Record
East Shugart Unit #3	"A" 330' FEL & 990' FNL Section 34-18S-31E	8/9/58	11/17/58	Oil	4117'	8-5/8" @ 910 w/50 sxs cml, TOC Est @ 800', 7" @ 4117' w/200 sxs cml, Est TOC 1858'. Perf record 3822-90' (72 holes) Sqd @ 2794' thru 2 holes w/75 sxs. Drg out BP. Left Perfs 3822-90', added perfs 2632-2735' (12 holes) Set CIBP @ 3480', Perf'd 2804-3330'. Ran 2-3/8" w/pkr @ 2582'. Set 7" CIBP @ 3870'. Added Queen perfs 3538-3662'. Ran dual strings of 2-3/8" lbg w/pkr @ 2870' & dual pkr @ 2559'. Perf'd 3324-3844' (44). Ran lbg & pkr 3203'. Pkr @ 3208'.
			2/26/65	Oil		
			5/22/66	WIW	PBTD 3480'	
			8/26/69		PBTD 3870'	
East Shugart Unit #4	"D" Section 35-18S-31E	6/21/57	8/28/57	Oil	2785'	8-5/8" @ 895 w/50 sxs cml, Est TOC @ 780' 7" @ 2785' w/100 sxs cml, Est TOC @ 1655' Perf 2653-2719'.
East Shugart Unit #5	"D" 380' FNL & 990' FNL Section 35-18S-31E	9/29/61	11/6/61	Oil	2832'	9-5/8" @ 190' w/70 sxs cml, TOC @ surf 7" @ 2823' w/365 sxs cml, Est TOC @ surf. Perfs. 2650-64' 3670-78'. Perf'd 2703-2821' (46 holes) Perf'd 2620-28' (1 spd). Ran 2" lbg to 2640'. Perf'd 4192-4246' (6). 4020-58' (10). 3318-3883' (55) PBTD 4145'. 8-5/8" csg @ 898' w/50 sxs cml, EST TOC @ 738'. 7" 20# csg @ 4115' cml'd w/225 sxs cml, TOC @ 2370' prior to squeeze job (SEE BELOW) Perfs: 26649-2817' (Yates), 3360-3877' (Queen) Perf'd 2814-3468' (8). Acid w/1500 gals w/B.S. Set Baker pkr @ 2855'. Set Lwr 2-3/8" lbg, SA & dual pkr @ 2862.14'. Set Up 2-3/8" lbg @ 2633.84'. Start water in down both strings Sqd Yates Perf @ 2649-2817' w/4215 sxs cml, Perf'd 7" csg @ 2220' w/2 JFPF Sqd w/951 sxs cml, TOC @ 2110' (lemp surv), Perf'd 7" csg w/2 JSPF @ 972'. Pmpd 200 sxs & circ cml to surf. Ran 92 jls 2-3/8" lbg w/seal assbly & slung into Baker model "D" pkr @ 2850'. Resumed injection into Queen @ 3360-3877'.
			6/27/58	Oil	4292'	
			5/25/66	Converted to Dual WIW		
			1/15/81	Converted to Single WIW		
East Shugart Unit #7	"B" 990' FNL & 2310' FEL Section 35-18S-31E	11/3/57	2/28/58	Oil	3885'	8-5/8" 28# csg @ 914' w/100 sxs cml, TOC 362'. 7" 20# csg @ 3875' w/100 sxs cml, TOC @ 2570'. OH 3872-3995'. Perf'd Queen 3369-3813'. Perf Yates 2710-2839'. Set 2-3/8" lbg w/SN @ 3879'. Well Pmpg.
			9/1/66			
East Shugart Unit #8	"A" 990' FNL & 990' FEL	9/15/58	1/21/59	Oil	3935'	8-5/8" @ 850' w/50 sxs cml EST TOC @ 738'. 7" @ 3935' w/100 sxs cml, TOC @ 2200' by CBL. Perfs 3400-3901' Queen.

(1) ESU 3,4,5,6,7,8

## ATTACHMENT VI

Well Name	Location	Spud Date	Completion Date	Type of Well	Depth/PBTD	Completion Record
East Shugart Unit #9	1650' FNL & 990' FWL Section 35-18S-31E	2/19/59	5/6/59	Oil	3908'	8-5/8" @ 850' w/50 sxs cml, TOC est @ 730'. 5-1/2" @ 3906' w/100 sxs cml, TOC est @ 3372'. Perf'd 3404-3895'. CIBP @ 3350'. Sq holes @ 3148-50'. Sq'd w/300 sxs, TOC 2230' by CBL 10/69. Prep to convert to WIW
East Shugart Unit #10	"G" 2310' FNL & 2310' FEL Section 35-18S-31E	5/2/57	9/15/57	Oil	3933'	8-5/8" @ 925' w/100 sxs cml, TOC est @ 701'. Squeezed @ 400' w/50 sxs cml, 7" @ 3640' w/100 sxs cml, TOC @ 2350' by CBL 11/89. Ran 4-1/2" liner @ 3930-3600'. cml'd w/50 sxs. TOC @ liner top. Perf's @ 3381-3925' (Queen)
East Shugart Unit #11	"F" 2310' FNL & 2310' FWL Section 35-18S-31E	3/1/58	5/13/58 11/4/69	Oil	3985'	8-5/8" @ 910' w/50 sxs cml, Est TOC @ 798'. 7" @ 3918' w/125 sxs cml, TOC calc @ 2291' using 30% excess. Prior to Squeeze Job (SEE BELOW) Perf'd 4 holes 2712-14'. Sq cml perf's w/100 sxs. Perf'd 4 holes 2168-70' & sq'd w/425 sxs. Sq 2168-70' w/200 sxs. DO sq @ 2712-14'. Perf'd Queen 3375-3478' Perf Yales 2720-2856' Sq Yales perf's 2720-2856' w/120 sxs cl "C". Dr'd out sq job. Ran lbg & SN to 3796.85'. Ran rods & pump. Pmpg Queen perf's 3375-3908' on 8/27/71.
East Shugart Unit #12	"E" 2310' FNL & 990' FWL Section 35-18S-31E	8/30/57	12/3/57	Oil	3925'	8-5/8" @ 904' w/50 sxs cml, Est TOC @ 792'. 7" @ 3925' w/135 sxs cml, TOC by CBL 7/68 @ 2572'. Tbg @ 3870'. Perf 3884-70' Perf'd 3554-64'. Ran CBL, TOC @ 2572'. Perf 2540-41' (4). Set BP @ 2608'. Sp'd w/3 sxs cml, Sq 2540-41' w/25 sxs cl "C". Dr'd out cml to 2541'. Re-sq w/35 sxs. Dr'd out cml to 2540'. Perf'd Queen 3350-57' 2 JSPF. Perf 3425-34'. 3440-45'. 3459-66'. 3460-73'. Perf'd Yales 2694-2868'. Set BP @ 2950'. Ran 2" lbg to 3857'. POOH w/completion assembly. Set BP @ 2650'. Pkd off WH.
East Shugart Unit #13	"H" 2310' FNL & 330' FEL Section 34-18S-31E	4/19/57	7/15/57 10/13/69	Oil	3855'	8" @ 910' w/50 sxs cml, TOC est @ 798'. 5-1/2" @ 3850'. ... 400 sxs cml, Est TOC 2780'. Perf's: 3832-3855' (10 spf) OH 3850-55'. Perf'd 2740-41' (4 spf). Set RBP @ 2880'. capped w/2 sxs. Cml'd annulus w/400 sxs cml. Sq'd perf's 2740-41' w/75 sxs cml, Perf'd Queen 3335-3438' (9). 2651-2782' (10). Ran 2-3/8" lbg to 3839'. Perf'd 3812-19' (8). 3333-3770' (39)
East Shugart Unit #14	"G" 2310' FNL & 1650' FEL Section 34-18S-31E	5/14/58	8/1/58 8/14/69	Oil	3682'	8-5/8" @ 898' w/75 sxs cml, (10" hole) Est TOC 400'. 5-1/2" @ 3876' w/200 sxs cml, Est TOC 2600' (7-1/4" hole) Perf's: 3530-52'. Perf'd 4 holes @ 2560'. Cml'd 5-1/2" csg thru perf's @ 2560' w/200 sxs. Sq'd w/110 sxs in 3 stages. Perf'd Queen 3635-54' (1 spf), 3336-3421'. 2632-56'. Dr'd 4-3/4" new hole to 3660' (Queen OH) Perf's: 2632-54'. (527) 2-3/8" @ 3636'.

## ATTACHMENT VI

Well Name	Location	Spud Date	Completion Date	Type of Well	Depth/PBTD	Completion Record
East Shugart Unit #18	1650' FSL & 1650' FEL Section 34-18S-31E	2/2/45	3/13/45 4/23/91	Oil	2839' 3905'	8-5/8" @ 911' w/50 sxs cml. Est TOC 800'. 7" @ 2655' w/100 sxs. Est TOC 1525'. Existing Perfs: 2685-3531'. New OH 3550-3905'. 4-1/2" 9.5# @ 3550' w/250 sxs cml. 2-3/8" lbg @ 3478'. (new OH 2-7/8")
East Shugart Unit #19			See Attached Downhole Schematic for Plugged & Abandoned well.			
East Shugart Unit #20	"L" 1980' FSL & 660' FWL Section 35-18S-31E	7/30/57	2/20/58	Oil	4088'	10" @ 903' w/25 sxs cml. Circ 260 sxs cml to surf via 3/4" string @ 1065'. 6-5/8" @ 3000'. TOC @ 2190' (CBL) prior to squeeze @ 2869-70'. 5-1/2" liner 1/2930-3327' cml'd w/est'd 25 sxs. TOC @ liner top by 1/68 CBL. OH 3327-4080'. Ran CBL. Indicated TOC @ 1993'. Perfd Yates 2869-70' (4) Sq btm of Yates w/165 sxs cml. Perfd Yates 2733-2822' (15). Lowered lbg to 3626'. Ran new pump & rods.
East Shugart Unit #21	"K" 2310' FSL & 1650' FWL Section 35-18S-31E	8/6/57	12/14/57 5/24/66	Oil Dual WIW	4018' PBTD 3928'	8-5/8" @ 915' w/50 sxs cml. TOC est @ 803'. 7" @ 4000' w/100 sxs cml. TOC @ 2622' on 5/66 CBL. Perfs: 3883-98'. Perf 3796-3808'. Perfd 3708-3702. 3734-46'. Perfd 3600-3564'. Set CIBP @ 3510'. Perfd Queen 3370-3495'. Re-perfd 3370-3482'. Perfd Yates 2888-89'. Perfd Yates 2750-51'. sq w/75 sxs cml. Perfd Yates 2773-2918'. Dual WIW thru 2 strings of lbg. LS 2960'. SS 2705-60'. Pulled dual lbg strings. d/d out pkr & CIBP. Ran prod string 2-3/8" lbg @ 3877-33'. Status of Well: Temporarily Abandoned POOH w/ 2-3/8" lbg. Set CIBP @ 2725'. Circ hole w/125 BFW cont'g 12 gal corr inhibitor. Temporarily Abandoned.
East Shugart Unit #22	"J" 2310' FEL & 2310' FSL Section 35-18S-31E	11/25/58	2/14/59 10/10/69	Oil WIW	3945'	8-5/8" @ 940' w/50 sxs cml TOC est @ 828'. 7" @ 3940' w/150 sxs cml. TOC @ 2461' using 30% excess. Perfs: 2772-90'. Perfd 3698-3720'. Perfs 3834-42'. Perfd Queen 3906-12'. 3890-96'. 3590-96'. 3464-81'. 3391-3400' & Yates 2360-75'.
East Shugart Unit #24	990' FSL & 1650' FWL Section 35-18S-31E			Oil	3520'	8-5/8" 24# @ 925' TOC est @ 800'. 7" 20# @ 3392' w/100 sxs. TOC est @ 2262'. 4-1/2" liner 9.5# @ 3930'. CIBP @ 2675' (perfs 2738-2804') TOC @ 1760' after squeeze @ 2140-41' (7/69) Prep to convert to WIW
East Shugart Unit #25	"M" 990' FSL 7 330' FWL Section 35-18S-31E	7/23/56	10/11/56	Oil	3900'	8-5/8" @ 950' w/50 sxs cml. TOC Est @ 7" @ 3400' w/50 sxs cml. TOC est @ 4-1/2" 9.5# @ 3900' cml'd w/100 sxs. TOC 2700'. 125 jls lbg w/SN @ 3853'. Perfs: 3328-3869' (7" knocked off @ 2700')
East Shugart Unit #26	"P" 330' FSL & 990' FEL Section 34-18S-31E	10/18/49	11/28/40	Oil	3637' PBTD 3619'	8-5/8" @ 970' w/50 sxs. Est TOC @ 858'. 7" @ 3304' w/100 sxs. TOC calc @ 2002'. Tbg @ 3433'. Perfs: 2670-2700'. 2712-22'. 2744-46'. OH 1/3404-3621'.

## ATTACHMENT VI

Well Name	Location	Spud Date	Completion Date	Type of Well	Depth/PBTD	Completion Record
East Shugart Unit # 27	"O" 990' FSL & 1650' FEL Section 34-18S-31E	4/28/52	8/6/52  10/1/69	Oil	3675'	7" 20# @ 2570' (mudded) cut & pulled 1/25/70. 5" 15.5# @ 3448' w/25 sxs cml, Est TOC 3300' 2-3/8" @ 3354'. Perfs: 3398-3416' OH 3448-3671'. Perfd 5-1/2" w/4 holes 2498-2500'. Circ annulus thru holes w/300 sxs cl "C" cml. Cml csg leaks 455-597' w/250 sxs cl "C". Sqd leaks w/50 sxs cl "C". Added Queen perfs 3297-3372' (7). Ran 2" to 3635'. Perfd Yates 2634-2838' (9) Perf 3297-3416' (9). 2-3/8" @ 3645'. Cml'd 5-1/2" csg 1/70-75 w/75 sxs. 2634-2838 and 2498-2500' w/200 sxs cml. 455-595' w/30 sxs cml. 90-30' w/10 sxs cml.
East Shugart Unit #32	"M" 100' FSL & 990' FWL Section 35-18S-31E	9/23/69	10/9/69  5/20/82	WI/W	3978' PBTD 3943'	8-5/8" 24# @ 929.67' w/400 sxs cml TOC surf. 4-1/2" 9.5# @ 3978.16' w/450 sxs. TOC 1969' by Temp Surv. TOC 1100' by temp surv 5/82, after 950 sxs cml sq @ 1987'. 2-7/8" tbg w/pkr @ 2833.19'. Perfs 3352-3891'. Perf 2744-2829' Set RBP @ 2900' w/2 sx sd. Pkr @ 2400'. Cml sq Yates 2744-2829' w/300 sxs. Found leak in 4-1/2" csg @ 1985'. Perfd 4-1/2" @ 1987' (4). Set cml reir @ 1914' Sq perfs @ 1987' w/200 sxs cml. Dtd out reir @ 1914' & cml to 1990'. Set Cml reir @ 1915'. Sq cml thru reir w/850 sxs TOC 1100'. Cml w/500 sxs to surf. Dtd out cml to 2831'. Set pkr @ 2600'. Set cml rel 2600'. Sq cml perfs 2744-2829' w/ 200 sxs. Dtd out reir & cml to 2830'. Set pkr @ 2946' & acid 3352-3891' w/5000 gal. Hole in 75th ft tbg. Set pkr @ 2879.11'. Ran MIT Test
East Shugart Unit #35	"E" 1650' FNL & 330' FWL Section 35-18S-31E	6/14/93	6/24/93  5/31/95	Oil	4500' PBTD 4449'	8-5/8" 24# @ 942' w/480 sxs cml. TOC surf. 5-1/2" 15.5# @ 4495' w/985 sxs cml. TOC surf. 2-7/8" @ 3916' w/pkr. Perfd 3779-3856' w/53 holes. Perfd 3540-3672' w/15 holes.
East Shugart Unit #37	"I" 2270' FSL & 840' FEL Section 34-18S-31E	6/28/93	8/19/93  11/17/94	Oil	4500' PBTD 4427'	8-5/8" 24# @ 965' w/480 sxs cml. TOC surf. 5-1/2" 15.5# @ 4500' w/1110 sxs cml. TOC surf. 2-7/8" @ 3950'. Perfs 3765-3844' w/34 holes. Perfd 3652-3658' w/13 holes. Perfd 3413-40 w/13 holes.
East Shugart Unit #39	"P" 990' FSL & 990' FEL Section 34-18S-31E	5/17/93	7/31/93  3/31/95	Oil	4400' PBTD 4346'	8-5/8" 24# @ 985' w/480 sxs cml. TOC surf. 5-1/2" 15.5# @ 4400' w/1020 sxs cml. TOC surf. 2-7/8" @ 3954' w/pkr. Perfd 3398-3850' Perfd UG1 3312-26'

ATTACHMENT VI

Well Name	Location	Spud Date	Completion Date	Type of Well	Depth/PBTD	Completion Record
East Shugart Unit #40	"H" 1650' FNL & 840' FEL Section 34-18S-31E	11/20/93	7/20/94	Oil	4013' PBTD 3883'	8-5/8" @ 973' w/478 sxs cml, TOC surf. 5-1/2" 15.5# @ 4009' w/1113 sxs cml, TOC surf. 2-7/8" @ 3890' Perf'd 2736-3853' w/ 80 holes.
East Shugart Unit #44	"D" 990' FNL & 990' FWL Section 35-18S-31E	11/9/93	1/10/94	Oil	4025' PBTD 3955'	8-5/8" 24# @ 956' w/478 sxs cml, TOC surf. 5-1/2" 15.5# @ 4025' w/916 sxs cml, Cific to surf. 2-7/8" @ 3890'. Perf'd 3794-3870' w/51 holes.
East Shugart Unit #45	"L" 2550' FNL & 580' FWL Section 35-18S-31E	6/21/94	9/1/94	Oil	4017' PBTD 3930'	8-5/8" 24# @ 949' w/500 sxs cml, TOC @ Surf. 5-1/2" 15.5# @ 4016' w/940 sxs cml, TOC @ Surf. 2-7/8" OET @ 3929'. Perf: 2710-2806' Perf 3428-40'. Perf 3556-66' Perf 3803-09' 3862-81'
East Shugart Unit #47	"E" 1650' FNL & 990' FWL Section 35-18S-31E	9/14/94	1/4/95	Oil	4040' PBTD 3955'	8-5/8" 24# @ 949' w/500 sxs cml TOC @ surf. 5-1/2" 15.5# @ 4025' w/1410 sxs cml, TOC @ Surf. 2-7/8" OET @ 3877'. 1/2930-3327'. No record of cml vol. Formation: Upper Grayburg (Top @ 3400') OH.
East Shugart Unit #49	"B" 990' FNL & 1500' FEL	9/22/94	12/8/94	Oil	4044' PBTD 3990'	8-5/8" 24# @ 949' w/500 sxs, TOC surf. 5-1/2" 15.5# @ 4043' w/900 sxs, TOC surf. 2-7/8" OET @ 3889'. Perfs (a) 3712-20', (b) 3823-29', 3870-73', 3876-3880', (Queen)
East Shugart Unit #50	"G" 1700' FNL & 2325' FEL Section 35-18S-31E	6/30/94	7/23/94	Oil	4062' PBTD 3995'	8-5/8" 24# @ 949' w/500 sxs cml, TOC surf. 5-1/2" 14.5.5# @ 4048' w/1230 sxs cml, TOC @ 494'. 2-7/8" tbg @ 3862'. Perfs. 3871-3896'. Perf'd 3694-3592'. Ran tbg, pump & rods, SN @ 3833'.
East Shugart Unit #52	"B" 330' FNL & 2230' FEL Section 35-18S-31E	10/1/95	10/18/95	Oil	4036' PBTD 3972'	8-5/8" 24# @ 949' w/500 sxs cml, TOC surf. 5-1/2" 15.5# @ 4035' w/975 sxs cml, TOC surf. 2-7/8" tbg @ 3912'. Perf'd 3701-3875' (15 holes).

ATTACHMENT VI

Well Name	Location	Spud Date	Completion Date	Type of Well	Depth/PBTD	Completion Record
East Shugart Unit #54	"F" 1690' FNL & 1940' FWL Section 34-18S-31E	7/30/94	9/29/94	Oil	3924' PBTD 3873'	8-5/8" 24# @ 954' w/500 sxs cml, TOC surf. 5-1/2" 15.5# @ 3923' w/1050 sxs cml, TOC surf. 2-7/8" @ 3860'. Perf'd 2670-3834' w/40 holes
East Shugart Unit #56	"H" 2250' FNL & 1910' FEL Section 35-18S-31E	10/10/95	11/30/95	Oil	4073' PBTD 4009'	8-5/8" 24# @ 949' w/500 sxs cml, TOC surf. 5-1/2" 15.5# @ 4072' w/1150 sxs cml, TOC surf. 2-7/8" lbg @ 3946'. Perf'd 3591-3932' (43 holes)
East Shugart Unit #57	"N" 375' FSL & 1950' FWL Section 35-18S-31E	9/30/94	11/13/94	Oil	4073' PBTD 3990'	8-5/8" 24# @ 949' w/500 sxs cml TOC Surf. 5-1/2" 15.5# @ 4072' w/1310 sxs cml, TOC Surf. 2-7/8" @ 3906' (OET) Perf 3795-3897
East Shugart Unit #58	"K" 1575' FSL & 2200' FWL Section 35-18S-31E	11/7/95	12/3/95	Oil	4088' PBTD 4027'	8-5/8" 24# @ 949' w/500 sxs cml, TOC surf. 5-1/2" 15.5# @ 4087' w/975 sxs cml, TOC surf. 2-7/8" csg 3961'. Perf'd 3686-3908' (16 holes)
East Shugart Unit #59	"N" 1100' FSL & 1650' FWL Section 34-18S-31E	10/15/94	2/4/95	Oil	4020' PBTD 3993'	8-5/8" 24# @ 949' w/500 sxs cml, TOC Surf. 5-1/2" 15.5# @ 4009' w/1190 sxs cml, TOC surf. 2-7/8" @ 3886' (OET). Perf'd 2670-3842' (59 holes)
East Shugart Unit #61	"H" 2310' FNL & 865' FEL Section 35-18S-31E	1/26/95	3/5/95	Oil	4068' PBTD 3991'	8-5/8" 24# @ 950' w/500 sxs, TOC @ Surf. 5-1/2" 15.5# @ 4067' w/1060 sxs cml, TOC @ surf. 2-7/8" OET @ 3937. Perf UQ2 3563-69', Perf UQ3 3600-32'. LQ2 3839-43', LQ3 3888-94', LQ4 3905-11'



ATTACHMENT VI

Well Name	Location	Spud Date	Completion Date	Type of Well	Depth/PBTD	Completion Record
East Shugart Unit #63	"J" 1800' FSL & 1600' FEL Section 34-18S-31E	12/16/94	1/18/95	Oil	4010' PBTD 3950'	8-5/8" 24# @ 950' w/500 sxs cml, TOC Surf. 5-1/2" 15.5# @ 4010' w/1170 sxs cml, TOC surf. 2-7/8" @ 3869'. Perfs: 3752-3834' total of 29 holes.
East Shugart Unit #67	"I" 2450' FSL & 330' FEL Section 34-18S-31E	9/11/95	10/6/95	Oil	4000' PBTD 3954'	8-5/8" 24# @ 949' w/500 sxs cml, TOC Surf. 5-1/2" @ 3999' w/950 sxs cml, TOC Surf. 2-7/8" @ 3880'. Perf'd 3768-3846' w/18 holes.
East Shugart Unit #69	"C" 990' FNL & 1700' FWL Section 35-18S-31E	9/22/95	10/15/95	Oil	4030' PBTD 3978'	8-5/8" 24# @ 949' w/500 sxs cml, TOC Surf. 5-1/2" 15.5# @ 4029' w/950 sxs cml, TOC surf. 2-7/8" @ 3909'. Perfs: 3676-3874' w/16 holes.
East Shugart Unit #70	"M" 330' FSL & 280' FWL Section 35-18S-31E	1/2/95	5/12/95	Oil	4045' PBTD 3936'	8-5/8" 24# @ 949' w/500 sxs cml, TOC Surf. 5-1/2" 15.5# @ 4043' w/1400 sxs cml, TOC Surf. 2-7/8" @ 3904' (OLET), Perf 3150-3886'.
East Shugart Unit #71	"N" 990' FSL & 990' FWL Section 35-18S-31E	1/9/95	3/31/95	Oil	4055' PBTD 3987'	8-5/8" 24# @ 947' w/500 sxs TOC Surf. 5-1/2" 15.5# @ 4050' w/1238 sxs cml, TOC Surf. 2-7/8" @ 3953'. Perf 3152-3255', Perf 3344-58', Perf 3416-71' Perf 3806-10', 3862-66', 3882-86'.
East Shugart Unit #72	"L" 1650' FSL & 1150' FWL Section 35-18S-31E	1/18/95	2/22/95	Oil	4040' PBTD 3975'	8-5/8" 24# @ 949' w/500 sxs cml, TOC surf. 5-1/2" 15.5# @ 4039' w/1150 sxs cml, TOC surf. 2-7/8" @ 3933'. Perfs: 3426-3893' w/43 holes.
East Shugart Unit #74	"N" 510' FSL & 2455' FWL Section 35-18S-31E	7/4/95	8/27/95	Oil	4070' PBTD 4000'	8-5/8" 24# @ 950' w/500 sxs cml, TOC Surf. 5-1/2" 15.5# @ 4070' w/1115 sxs cml, TOC Surf.

ATTACHMENT VI

Well Name	Location	Spud Date	Completion Date	Type of Well	Depth/PBD	Completion Record
East Shugart Unit #76	"F" 1990' FNL & 1940' FWL Section 34-18S-31E	6/24/95	7/21/95	Oil	4049' PBD 3953'	8-5/8" 24# @ 945' w/500 sxs cml, TOC surf. 5-1/2" 15.5# @ 4049' w/1230 sxs cml, TOC surf. 2-7/8" OET @ 3918'. Perf 3812-3902'. Perf UQ3 and LOT 3525-3704'. Ran lbg, set SN @ 3918'.
East Shugart Unit #77	"J" 1550' FSL & 2120' FEL Section 34-18S-31E	6/15/95	7/16/95	Oil	4100' PBD 4023'	8-5/8" 24# @ 939' w/500 sxs cml, TOC surf. 5-1/2" 15.5# @ 4104' w/925 sxs cml, TOC surf. Perfs @ 3525-3902' (Queen)
East Shugart Unit #78	"K" 2300' FSL & 2300' FWL Section 34-18S-31E	10/19/95	11/11/95	Oil	4091' PBD 3635'	8-5/8" 24# @ 949' w/500 sxs cml, TOC surf. 5-1/2" 15.5# @ 4090' w/1200 sxs cml, TOC surf. 2-7/8" @ 3918'. Perfs. 3631-3928 w/15 holes.
East Shugart Unit #79	"E" 2120' FNL & 375' FWL Section 35-18S-31E	10/29/95	12/16/95	Oil	4066' PBD 4003'	8-5/8" 24# @ 949' w/500 sxs cml, TOC surf. 5-1/2" 15.5# @ 4065' w/950 sxs cml, TOC surf. 2-7/8" @ 3903'. Perf'd 2800-3878 w/50 holes.

Well Name	Operator	Location	Spud Date	Completion Date	Type of Well	Depth/PBTD	Completion Record
State 36 #1	Tom Boyd	"D" 330' FNL & 330' FWL Section 36-18S-31E	4/29/58	6/20/58	Oil	4100'	8-5/8" @ 974' w/50 sxs cml, Est TOC 682' 5-1/2" @ 4040' w/125 sxs cml, Est TOC @ 3374' Perfs: 3840-58' IP: 40 BO 50 BW
Hinkle Federal 11-B	Westall	"P" 330' FSL & 990' FEL Section 26-18S-31E	6/4/80	8/23/80	Oil	4200'	8-5/8" @ 650' w/250 sxs cml, TOC est @ 90' 4-1/2" @ 4186' w/500 sxs, Est TOC surf. Perfs: 3460-3586'
McFadden - Federal #1	Jack Plennons	"A" 330' FNL & 330' FEL Section 3-19S-31E	8/7/38	12/12/38	Oil	2748'	8" @ 900' w/50 sxs cml, TOC est @ 788' 7" @ 2635' w/100 sxs cml, TOC est @ 1968' Perfs: 2673-93
Hinkle Federal B-26 #5	Tom Boyd	"M" 330' FSL & 990' FWL Sec. 26-18S-31E	5/6/61	6/6/61	Oil	2805'	8-5/8" csg @ 793' w/72 sxs cml, TOC est @ 632' 7" @ 2805' w/200 sxs cml, TOC est @ 546' IP 1/2730-54' 78 BOPD
Hinkle Federal B #4	Tom Boyd	"K" 1650' FSL & 2310' FWL Sec. 26-18S-31E	1/15/61	3/9/61	Oil	3939'	8-5/8" @ 932' w/50 sxs cml, TOC est @ 820' 5-1/2" @ 3876' w/100 sxs cml, TOC est @ 3342' IP 3761-71' 288 BOPD
Hinkle-Federal B #3	Tom Boyd	"N" 330' FSL & 1650' FWL Sec. 26-18S-31E	11/24/60	1/3/60	Oil	2800'	8-5/8" @ 853' w/50 sxs cml, Est TOC @ 741' 7" @ 2800' w/100 sxs cml, TOC est @ 1670' IP 1/2746-68' 386 BOPD
State #1	Mask Jennings et al	"C" 330' FNL & 1650' FWL Sec. 2-19S-31E	10/1/45	12/10/51	D&A Oil - WO	3953'	8-1/4" @ 910' w/50 sxs cml, TOC Est @ 798' 7" @ 3337' no cml record, 4-1/2" @ 3890' w/250 sxs cml, Est TOC @ 2876' IP 1/3414-3853' 117 BOPD, 3 BW
State 2 #1	Keonane-Westall	"D" 330' FNL & 330' FWL Sec. 2-19S-31E	5/4/39	9/18/39	Oil	3685'	8-1/4" @ 774' w/50 sxs cml, Est TOC @ 662' 7" @ 2935' no cml record, 5" @ 3275' no cml record, 4" liner 1/3262-3680' no cml record, IP 1/3275-3680' 30 BOPD
Federal 26 #2	Honeysuckle (Ozark)	"J" 1880' FSL & 1880' FEL Sec. 26-18S-31E	7/26/76	8/17/76	Oil	4085'	8-5/8" @ 897' w/575 sxs cml, TOC @ surf. 4-1/2" @ 4084' w/500 sxs cml, Est TOC @ 2055' IP 1/2656-82' 39 BOPD
Hinkle B Fed #13	Westall-Mask	"I" 1650' FSL & 990' FEL Sec. 26-18S-31E	1/24/81	4/25/81	Oil	4170'	8-5/8" @ 671' w/300 sxs cml, Est TOC @ surf. 4-1/2" @ 4170' w/500 sxs cml, Est TOC 2140' IP 3450-3698' 15 BOPD

AOR NONOPS



# ENGINEERING CHART

12H 12/04/00

SHEET NO

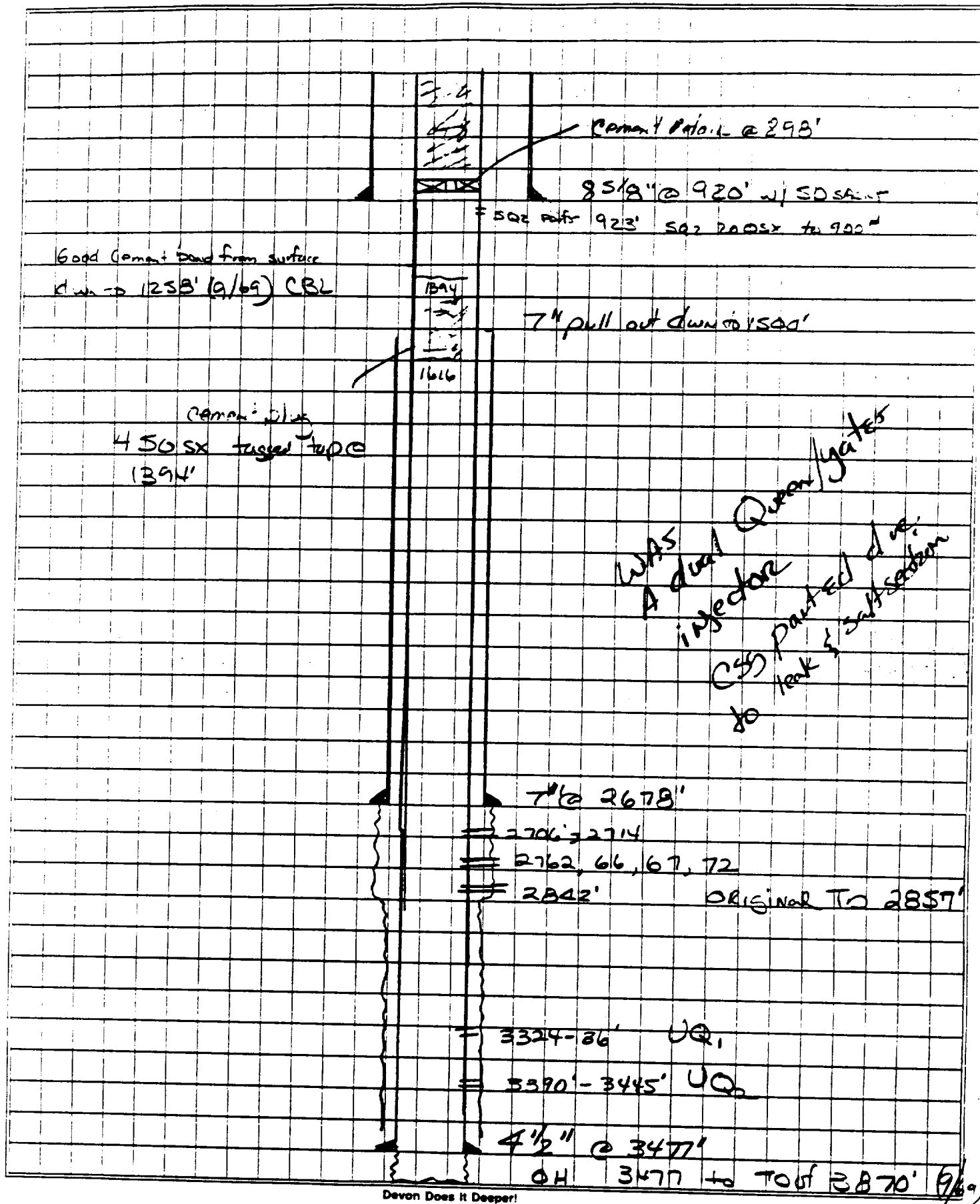
OF

FILE

DATE 9/23/02

BY L. S. [unclear]

SUBJECT EAST Street # 10



This form is to be filled out by the operator or his representative at the well site. It is to be filled out for every well, whether or not it is producing. The "Final Report" section may be used for recording the results of a well test or other special operations.

Location of well		AS number of well
Permian - West Area		6432948
County	State of well	State
Shugart	Eddy	New Mexico
Well name	East Shugart Unit	Field no.
A 614327	Repair Tbg, Csg Lee' or Pkr Failure	19

Operator	A.P.I. No.	Total number of wells tested or abandoned in this field
ARCO	85.0258Z	Cost center prior to plugging and abandonment of this well
Spaced or W.D. began	Date	Month
W.D.		Year

Date and name of B.O. or	Complete record for each day reported
--------------------------	---------------------------------------

12/15/80 3870 TD FINAL REPORT, Well P&A 12/02/80.

RU, inst BOP, rel pkr, pld 99 jts corroded tbg, hold down & no pkr. RIN to rec pkr, could not get bols below 1426'. Ran impression block, indicated csg parted @ 1401'. RIN w/CCL log from 1150-1318', ran out of csg @ 1318'. Logging tools stopped @ 1391'. RIN w/CBL-VDL-GR log 1294-0'. Log indicated csg bond from 1258' to surface. On 11/15/80 RIN w/3-1/8" hill-side shoe, tagged TOF @ 1401'. Ran tool inside 4 1/2" csg to 1432'. POH w/tool. RIN w/mill, tagged TOF @ 1401', milled inside 4 1/2" csg to 1635'. PUH to 1616'. Spot 450 sx Cl H cmt cont'g 3/4 of 1% CFR-2 w/15% salt/sk @ 1616'. POH w/tbg & mill. RIN w/hill-side shoe, tagged TOC @ 1394'. POH w/shoe. RIN w/4 1/2" pkr, set @ 1264'. Press tstd tbg/csg annulus to 500# 30 mins OK. POH w/pkr. RIN w/EZ-BP set BP @ 1264'. Perf 4 JS @ 923-25'. RIN w/pkr, set pkr @ 898'. Inj rate thru perfs @ 1 BPM @ 700#. POH w/pkr. RIN w/cmt retr, set @ 898'. Squeeze cmt perfs 923-25' w/ 200 sx Cl C cont'g 19.5% salt/sk, squeeze press 900#. Spot 55 sx Cl C cmt 898-7' fr surf. Cut off 4 1/2" csg below GL, inst reg dry hole marker, clean & level location.

Well no.	Date	Reservoir	Producing interval	Oil or gas	Test time	Production
						Oil on test
Pump size, RPM X length	Choke size	T.P.	C.P.	Water %	GOR	Gravim. corrected
						Aluminate
						Effective date

The above is correct

Signature	Date	Time
J. W. Schmidt	1/15/81	Dist Drlg. Supt.

For form preparation and distribution, see Procedure Manual, Section 10, Drilling, Pages 86 and 87.

received  
1/22/81  
Centralfile

# Change of Well Status and/or Abandonment Request

To: District Manager

Mr. C. E. Cardwell, Jr.

Lease-Unit (Name and Well Number):

East Shugart Unit No. 19

Accounting Cost Center Code

Lease Number

11M-3653; NM-4296

Expiration Date(s)

HBP

District

West Permian

County-Parish and State

Eddy County, New Mexico

Field

Shugart

Operator

ARCO Oil and Gas Company

A.R. Co. W.I.

85.0258%

Last Produced (Date and Reason Not Producing or if new well, date completed): Converted to WIW 5/22/66. Inj water through 11/10/80. At that time a workover began on the well to repair a casing, tubing, or packer leak that was allowing the annulus to pressure up.

Is this the last or only well on this lease-unit?

Yes ☐ No ☒

Lease Unit is Being Held By:

Production

Brief Well History and Recommendation: This well was drilled in the early 1950's as a producer in the Queen formation of the Shugart field. It has since been deepened twice. The current TD is 3870' and the well is completed through perforations 3324-36' and 3390-3445' and open hole from 3475' to 3870' in the Queen formation and also through perforations in the Yates formation from 2706' to 2842'. The well was completed as a dual injection well; however, all water injection into the Yates zone was discontinued in the early 1970's. A leak resulting in pressure communication between the Queen formation and the production casing was discovered in July of this year. When work began to repair the leak it was found that the casing had parted at about 1325' in the salt section. Repair of the well is not economically feasible and we therefore recommend that the East Shugart Unit No. 19 be plugged and abandoned. Cumulative production from the well is 107 MBO and about 2 MMBW have been injected to date.

VEPEN APPROVAL  
District Production Supervisor

L. Troop

11/18/80  
Date

Land (Include Acreage Being Released, if any):

No loss of interest involved.

Geology:

No prospective zones above damaged casing. Concur with engineering.

by C. J. Smith for C. K. Date: 11/18/80

Engineering:

Recommend that the well be P&A'd. The mechanical condition of the well is such that it is no longer usable.

by D. E. Daugherty Date: 11/18/80

Administrative (Salvage Estimated and Disposition Recommendation):

and by J. H. Hunsaid Date: 11/18/80

Production:

By:

Date:

Rec. P & A.

Recommendation and/or Approval:

by K. J. Jerns Date: 11-19-80

APPROVED FOR  
P & A - due to im. hole condition  
K. J. Jerns for C. E. Cardwell

District Manager

Region Manager

Exploration and Producing Operations  
Vice-President

11-19-80  
Date

Date

Date

# devon

ENERGY CORPORATION

20 North Broadway, Suite 15  
Oklahoma City, Oklahoma 73102

Z 731 677 027

February 23, 1996



## Receipt for Certified Mail

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

General New Mexico, Inc.  
P.O. Box 385  
Artesia, NM 88211-0385

General New Mexico, Inc.  
P.O. Box 385  
Artesia, NM 88211-0385  
ATTN: Jack Plemons

RE: East Shugart Unit #76  
1990' FNL and 1940' FWL  
Section 35-18S-31E  
Eddy County, NM

East Shugart Unit #52  
330' FNL and 2230' FEL  
Section 35-18S-31E  
Eddy County, NM

East Shugart Unit #20  
1980' FSL 660' FWL  
Section 35-18S-31E  
Eddy County, NM

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	
ESU 80, 62, 76 Offset Notification 314 2-23-96	

Gentlemen:

Please consider this letter as official notification that Devon Energy Corporation is in the process of filing applications to convert the above referenced wells to water injection wells. Our records indicate that you are an offset operator. As an offset operator you must be notified by Devon and you must file any objections or requests for hearing of administrative applications with the Oil Conservation Division of New Mexico within fifteen (15) days of receiving this notification.

Please direct questions regarding this matter to Ernie Buttross at (405) 552-4509.

Sincerely,

Devon Energy Corporation

*Diana M. Keys*

Diana M. Keys  
Engineering Technician

/dmk  
enclosures

xc: Well Files

<p>3. Article Addressed to: <i>2-23-96</i></p> <p>General New Mexico, Inc. P.O. Box 385 Artesia, NM 88211-0385 ATTN: Jack Plemons</p>		<p>4a. Article Number <i>Z-731 677 027</i></p>	
<p>4b. Service Type</p> <p><input type="checkbox"/> Registered <input type="checkbox"/> Insured</p> <p><input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD</p> <p><input type="checkbox"/> Express Mail <input type="checkbox"/> Return Receipt for Merchandise</p>		<p>7. Date of Delivery</p>	
<p>5. Signature (Addressee)</p> <p><i>[Signature]</i></p>		<p>8. Addressee's Address (Only if requested and fee is paid)</p>	
<p>6. Signature (Agent)</p> <p><i>[Signature]</i></p>		<p>9. Signature (Postmaster)</p>	

your RETURN ADDRESS completed on the reverse side?

SENDER: *ESU 80, 62, 76 Offset Notification 314*

- 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):

- ☐ Addressee's Address
- ☐ Restricted Delivery

Consult postmaster for fee.



20 North Broadway, Suite 15  
Oklahoma City, Oklahoma 73102

Z 731 677 026



**Receipt for  
Certified Mail**

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

February 23, 1996

Ray Westall  
Post Office Box 4  
Loco Hills, NM 88255

Ray Westall  
Post Office Box 4  
Loco Hills, NM 88255

RE: East Shugart Unit #76  
1990' FNL and 1940' FWL  
Section 35-18S-31E  
Eddy County, NM

East Shugart Unit #52  
330' FNL and 2230' FEL  
Section 35-18S-31E  
Eddy County, NM

East Shugart Unit #20  
1980' FSL 660' FWL  
Section 35-18S-31E  
Eddy County, NM

PS Form 3800, March 1993

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 ESU 20, 52, 76 2/26 2/4 2-23-96	

Gentlemen:

Please consider this letter as official notification that Devon Energy Corporation is in the process of filing applications to convert the above referenced wells to water injection wells. Our records indicate that you are an offset operator. As an offset operator you must be notified by Devon and you must file any objections or requests for hearing of administrative applications with the Oil Conservation Division of New Mexico within fifteen (15) days of receiving this notification.

Please direct questions regarding this matter to Ernie Buttross at (405) 552-4509.

Sincerely,

Devon Energy Corporation

*Diana M. Keys*

Diana M. Keys  
Engineering Technician

/dmk  
enclosures

xc: Well Files

your RETURN ADDRESS completed on the reverse side?

<b>SENDER:</b> ESU 20, 52, 76 Offset Notification etc 2/4	
<ul style="list-style-type: none"><li>• Complete items 1 and/or 2 for additional services.</li><li>• Complete items 3, and 4a &amp; b.</li><li>• Print your name and address on the reverse of this form so that we can return this card to you.</li><li>• Attach this form to the front of the mailpiece, or on the back if space does not permit.</li><li>• Write "Return Receipt Requested" on the mailpiece below the article number.</li><li>• The Return Receipt will show to whom the article was delivered and the date delivered.</li></ul>	
3. Article Addressed to: 8-23-96	4a. Article Number
Ray Westall Post Office Box 4 Loco Hills, NM 88255	4b. Service Type <input type="checkbox"/> Registered <input type="checkbox"/> Insured <input type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail <input type="checkbox"/> Return Receipt for Merchandise
5. Signature (Addressee)	7. Date of Delivery 2-26-96
6. Signature (Agent) <i>Ernie Buttross</i>	8. Addressee's Address (Only if request and fee is paid)





20 North Broadway, Suite 151  
Oklahoma City, Oklahoma 73

Z 731 677 029



# Receipt for Certified Mail

No Insurance Coverage Provide  
Do not use for international Ma  
(See Reverse)

February 23, 1996

Ozark Exploration Inc.  
1525 Two Turtle Creek Village  
Dallas, TX 75219

RE: East Shugart Unit #76  
1990' FNL and 1940' FWL  
Section 35-18S-31E  
Eddy County, NM

East Shugart Unit #52  
330' FNL and 2230' FEL  
Section 35-18S-31E  
Eddy County, NM

East Shugart Unit #20  
1980' FSL 660' FWL  
Section 35-18S-31E  
Eddy County, NM

Ozark Exploration Inc.  
1525 Two Turtle Creek Village  
Dallas, TX 75219

PS Form 3800, March 1993

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 WILCO - BU 20.52.76 OFFSET NOTIFICATION - 4/4 2-23-96	

Gentlemen:

Please consider this letter as official notification that Devon Energy Corporation is in the process of filing applications to convert the above referenced wells to water injection wells. Our records indicate that you are an offset operator. As an offset operator you must be notified by Devon and you must file any objections or requests for hearing of administrative applications with the Oil Conservation Division of New Mexico within fifteen (15) days of receiving this notification.

Please direct questions regarding this matter to Ernie Buttross at (405) 552-4509.

Sincerely,

Devon Energy Corporation

*Diana M. Keys*  
Diana M. Keys  
Engineering Technician

/dmk  
enclosures

xc: Well Files

your RETURN ADDRESS completed on the reverse side?

SENDER: *BU 20.52.76 Offset Notification WILCO*  
4/4

- 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.

3. Article Addressed to: *2-23-96*

Ozark Exploration Inc.  
1525 Two Turtle Creek Village  
Dallas, TX 75219

4a. Article Number

4b. Service Type  
☐ Registered ☐ Insured  
☐ Certified ☐ COD  
☐ Express Mail ☐ Return Receipt for Merchandise

7. Date of Delivery *FEB 26 1996*

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

5. Signature (Addressee) *[Signature]*

6. Signature (Agent) *[Signature]*

I also wish to receive the following services (for an extra fee):  
 1. ☐ Addressee's Address  
 2. ☐ Restricted Delivery  
 Consult postmaster for fee.

PS Form 3811, December 1991 \*U.S. GPO: 1993-352-714 DOMESTIC RETURN RECEIPT

# devon

## ENERGY CORPORATION

20 North Broadway, Suite 150  
Oklahoma City, Oklahoma 731

February 23, 1996



Enerloc Resources Inc.  
616 Mechem Drive  
Ruidoso, NM 88340  
Attention: Tom Boyd

Enerloc Resources Inc.  
616 Mechem Drive  
Ruidoso, NM 88340  
Attention: Tom Boyd

RE: East Shugart Unit #76  
1990' FNL and 1940' FWL  
Section 35-18S-31E  
Eddy County, NM

East Shugart Unit #52  
330' FNL and 2230' FEL  
Section 35-18S-31E  
Eddy County, NM

East Shugart Unit #20  
1980' FSL 660' FWL  
Section 35-18S-31E  
Eddy County, NM

PS Form 3800, March 1993

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 ESU 20.52.76 WNW Appl to 2/23/96 1/4 2-23-96	

Gentlemen:

Please consider this letter as official notification that Devon Energy Corporation is in the process of filing applications to convert the above referenced wells to water injection wells. Our records indicate that you are an offset operator. As an offset operator you must be notified by Devon and you must file any objections or requests for hearing of administrative applications with the Oil Conservation Division of New Mexico within fifteen (15) days of receiving this notification.

Please direct questions regarding this matter to Ernie Buttross at (405) 552-4509.

Sincerely,

Devon Energy Corporation

*Diana M. Keys*

Diana M. Keys  
Engineering Technician

/dmk  
enclosures

xc: Well Files

PS Form 3811, December 1991

SENDER: ESU 20.52.76 WNW Appl 1/4

3. Article Addressed to:

Enerloc Resources Inc.  
616 Mechem Drive  
Ruidoso, NM 88340  
Attention: Tom Boyd

4a. Article Number  
2 731 677 026

4b. Service Type  
☐ Registered ☐ Insured  
☐ Certified ☐ COD  
☐ Express Mail ☐ Return Receipt for Merchandise

7. Date of Delivery  
3-18-96

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

5. Signature (Addressee)  
*Tom Boyd*

6. Signature (Agent)

PS Form 3811, December 1991

U.S. GPO: 1993-382-714

DOMESTIC RETURN RECEIPT