Wfx 4.22.40 683



20 North Broadway, Suite 1500 Oklahoma City, Oklahoma 73102-8260 Telephone:405/235-3611 FAX 405/552-4667

- 3

March 26, 1996

Oil Conservation Division 2040 South Pacheco Santa Fe, NM 87505 ATTN: Mr. Ben Stone

RE: Devon Energy Corporation

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

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

East Shugart Unit #52

330' FNL and 2230' FEL Section 35-18S-31E Eddy County, NM

Mr. Stone:

Please find enclosed Applications for Authority to Inject on the three above referenced wells.

Depths for the tops of cement for the casing strings have been obtained from well records, or calculated using a 1.32 cubic foot per sack yield and a 30% excess. If hole sizes were unavailable, they were assumed to be 12-1/4" for 8-5/8" casing, 8-3/4" for 7" casing (or 7-7/8" hole for 7" casing inside 8-5/8" casing) and 7-7/8" for 5-1/2" casing.

Please advise if additional information is required and direct questions regarding this matter to Ernie Buttross at (405) 552-4509, or Diana Keys at (405) 552-4511.

Sincerely,

Devon Energy Corporation

Killin Hiking

Diana M. Keys

Engineering Technician

/dmk enclosures

xc: Well Files

UIL LUNDERVATION DIVIDIUN POST OFFICE BOX ARB STATE LAND OFFICE BURDING SANTATE, NEW MEXICO 87501

Revised 7-1-81

1.	Purpose: X Secondary Recovery x ressure Maintenance x Disposal x Storage Application qualifies for administrative approval? x yes x 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
111.	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? X yes no WFX-664
٧.	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. Refer to Attachment VI
VII.	Attach data on the proposed operation, including: Refer to Attachment VII
	 Proposed average and maximum daily rate and volume of fluids to be injected; Whether the system is open or closed; Proposed average and maximum injection pressure; Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and 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
ĭx.	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
XII.	Within a one mile radius. Applicants for disposal wells must make an affirmative statement that they have examined available goologic 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)
	Signature: E.J.R. Ilioso Jr. Date: 3/20196
EUUMII	e information required under Sections VI, VIII, X, and XI above has been previously ted, it need not be duplicated and resubmitted. Please show the date and circumstance e early r 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 Dil Conservation Division, P. D. Box 2088, Santa Fe, New Mexico 875Dl 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 meaning of administrative applications within 15 days from the date this application was mailed to them.

ATTACHMENT III (tabular)

Well Data

- A. (1) East Shugart Unit #20 1980' FSL 660' FWL Section 35-18S-31E Eddy County, NM
 - (2) Please refer to the wellbore schematic labeled Attachment III (schematic)
 10" (12-1/4" hole) @ 903' w/50 sxs cmt, Est TOC 733'
 6-5/8" @ 3000' w/100 sxs cmt, TOC 1993 by CBL
 3/4" tbg was run between 6-5/8" and 10" csg string & cmt'd w/250 sxs cmt, @ 1065'. Circ to surf.
 5-1/2" Liner f/2930-3327' (6" hole) TOC @ liner top. Cmt volume estimated @ 100 sxs.
 (Also see schematic for any existing tbg and/or liner used)
 - (3) A string of 4" and 4-1/2" casing will be set @ + 4000' and 3325', cmt'd to surface. Tbg will be 2-3/8" fiberglass or internally coated, set @ 3325'.
 - (4) A 4" x 2-3/8" Loc-set Pkr will be set @ 3325'
- B. (1) The injection formations will be the Queen Sands in the Shugart field. (Y-SR-Q-G)
 - (2) The proposed interval will be approximately 3400-3900'. The injection interval will be through proposed perforations 3400-3900'.
 - (3) This well was originally drilled and completed as an oil well. It produced from the Yates and Queen Formations.
 - (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 #20 1980' FSL 660' FWL 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 #20 1980' FSL 660' FWL 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 #20 1980' FSL 660' FWL 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.

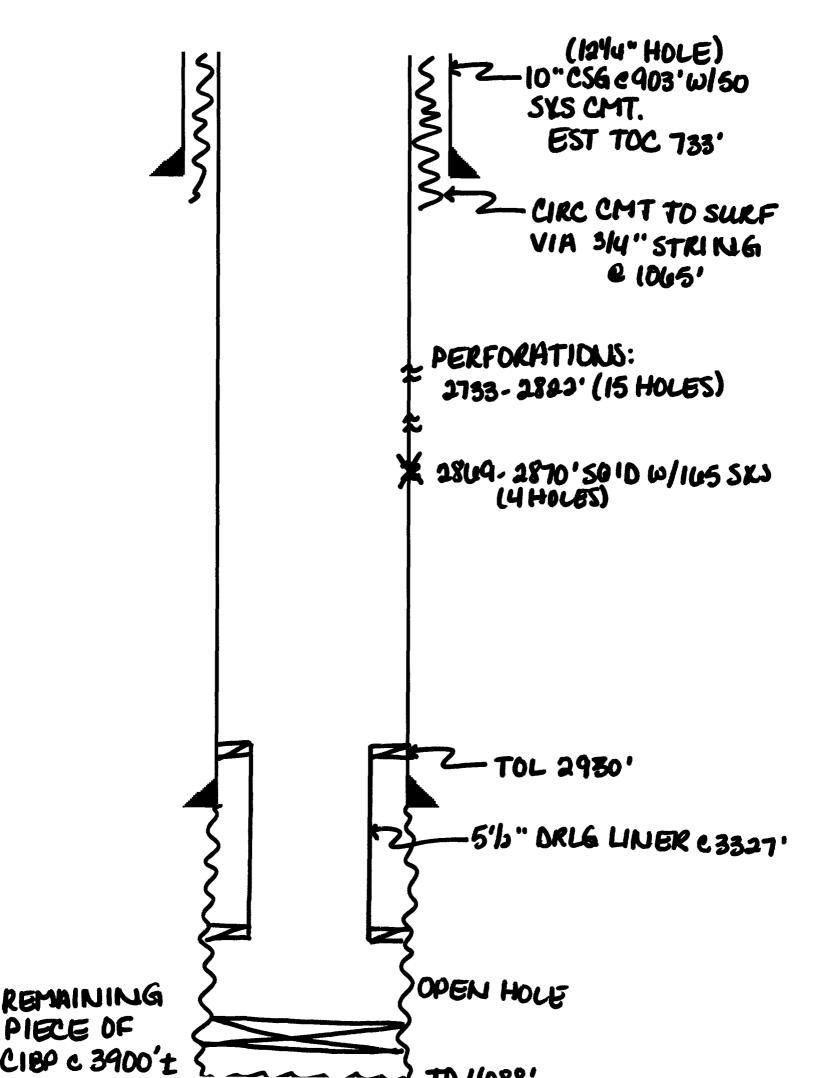
Each of these operators were provided a letter and a copy of our application by certified mail. Proof of notice is enclosed. The Bureau of Land Management is the surface owner. They have been notified by letter with a copy of our application.

Proof of Publication

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

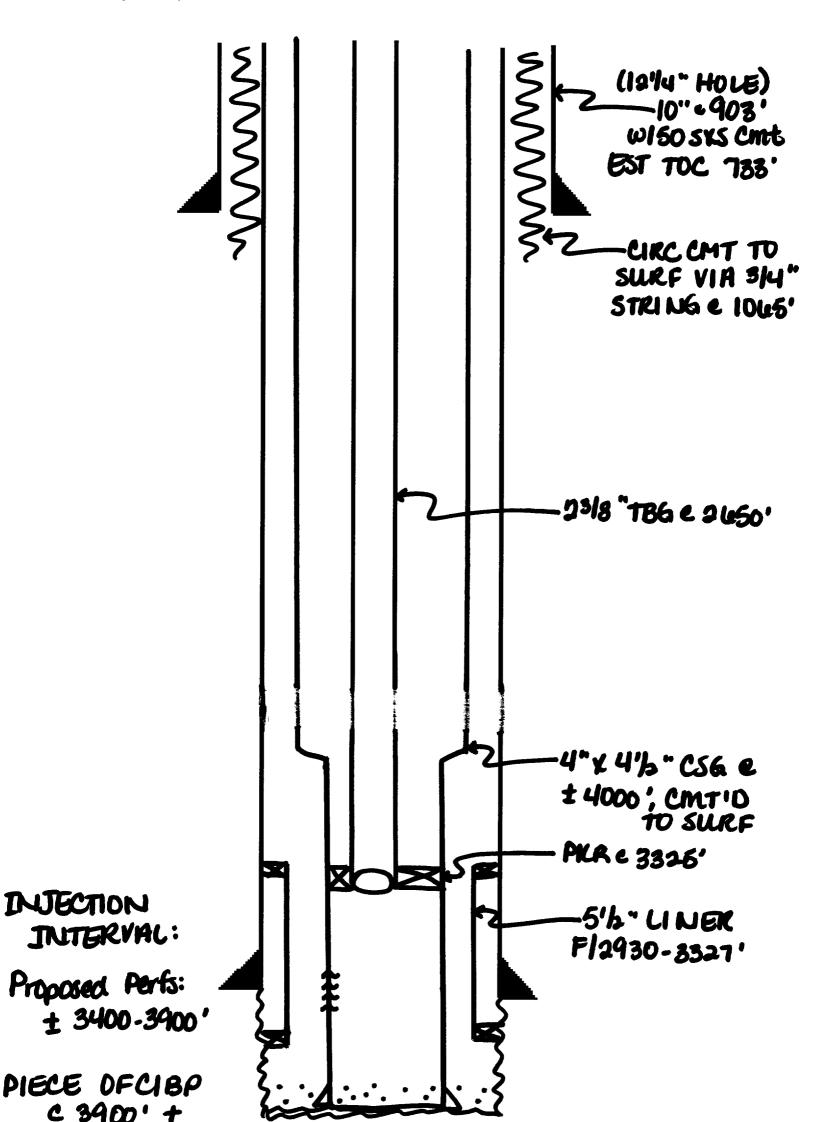
Devon Energy Operating Corporation Attachment III - Schematic EXISTING WELLBORE

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



Devon Energy Operating Corporation Attachment III - Schematic PROPOSED WELLBORE

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



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.

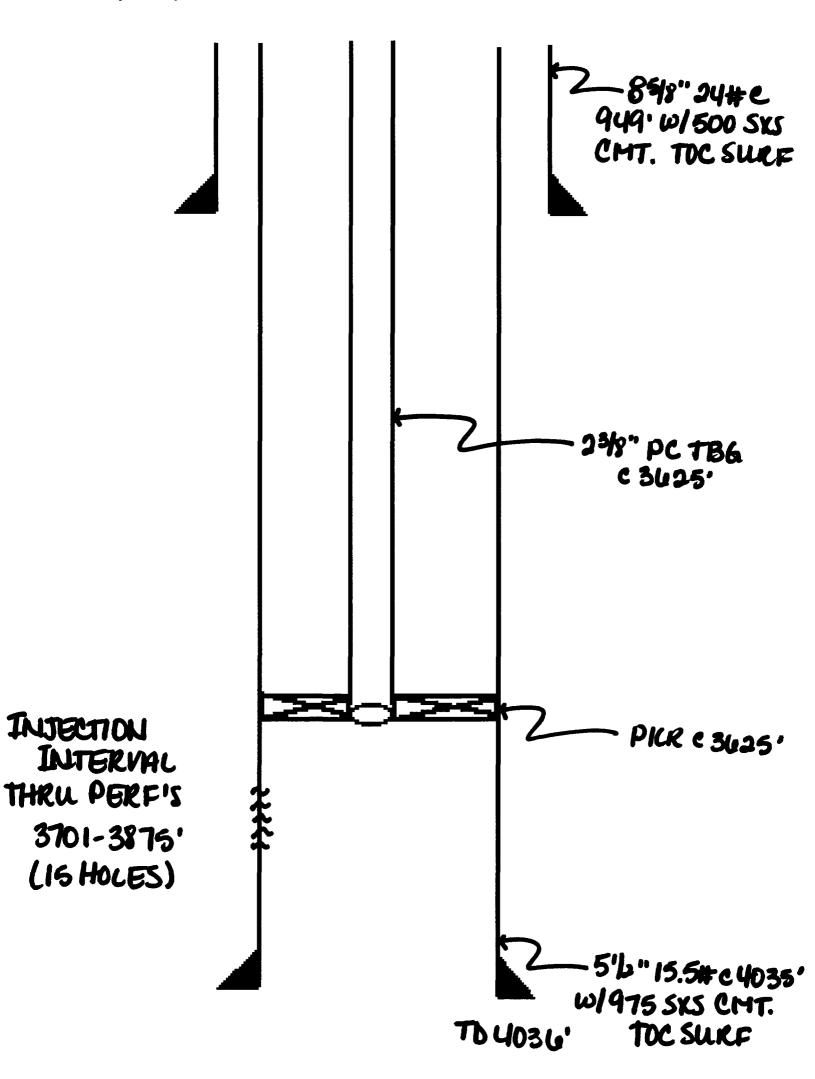
Each of these operators were provided a letter and a copy of our application by certified mail. Proof of notice is enclosed. The Bureau of Land Management is the surface owner. They have been notified by letter with a copy of our application.

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

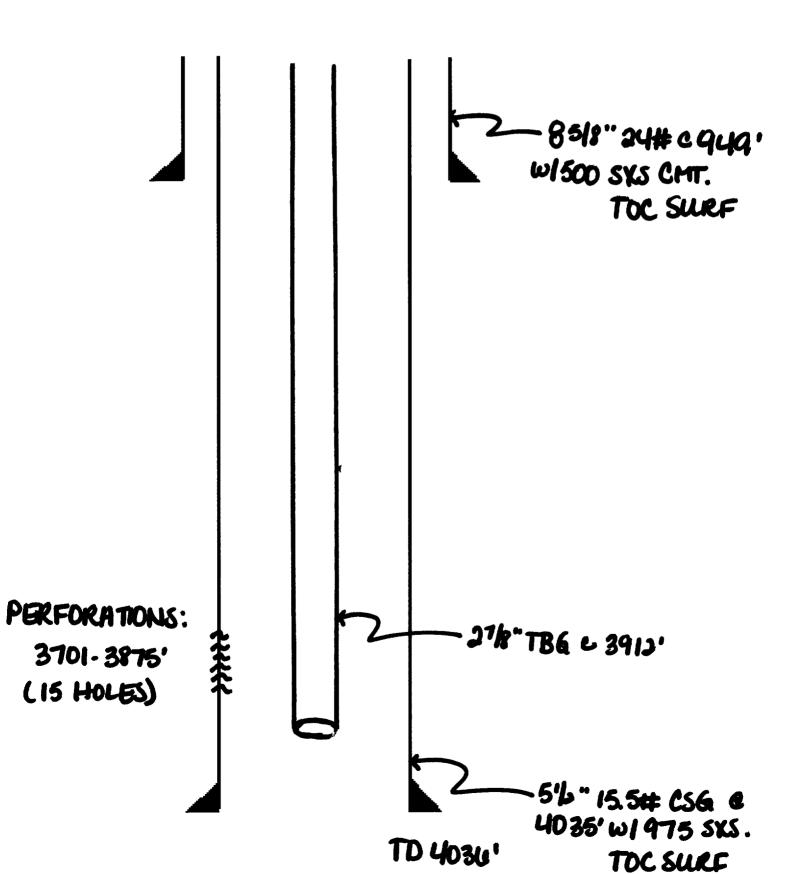
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East Shugart Unit #52 330' FNL and 2230' FEL Section 35-18S-31E, Eddy County, NM



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



ATTACHMENT III (tabular)

Well Data

- A. (1) East Shugart Unit #76 1990' FNL and 1940' FWL Section 35-18S-31E Eddy County, NM
 - (2) Please refer to the wellbore schematic labeled Attachment III (schematic)
 8-5/8" 24# csg @ 945' w/500 sxs cmt, TOC surf.
 5-1/2" 15.5# @ 4049' w/1230 sxs cmt, TOC surf.
 2-7/8" tbg @ 3918'.
 - (3) Tubing will be 2-3/8" fiberglass or internally coated, set @ 3450' No liner is anticipated.
 - (4) A 5-1/2" x 2-3/8" Loc-set Pkr will be set @ 3450'
- B. (1) The injection formations will be the Queen Sands in the Shugart field. (Y-SR-Q-G)
 - (2) The proposed interval is 3525-3902'. The injection interval will be through existing perforations 3525-3902'.
 - (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)
 No additional perforations are expected at this time.
 - (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 #76 1990' FNL and 1940' FWL 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 #76 1990' FNL and 1940' FWL 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.

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Ray Westall

General New Mexico Inc.

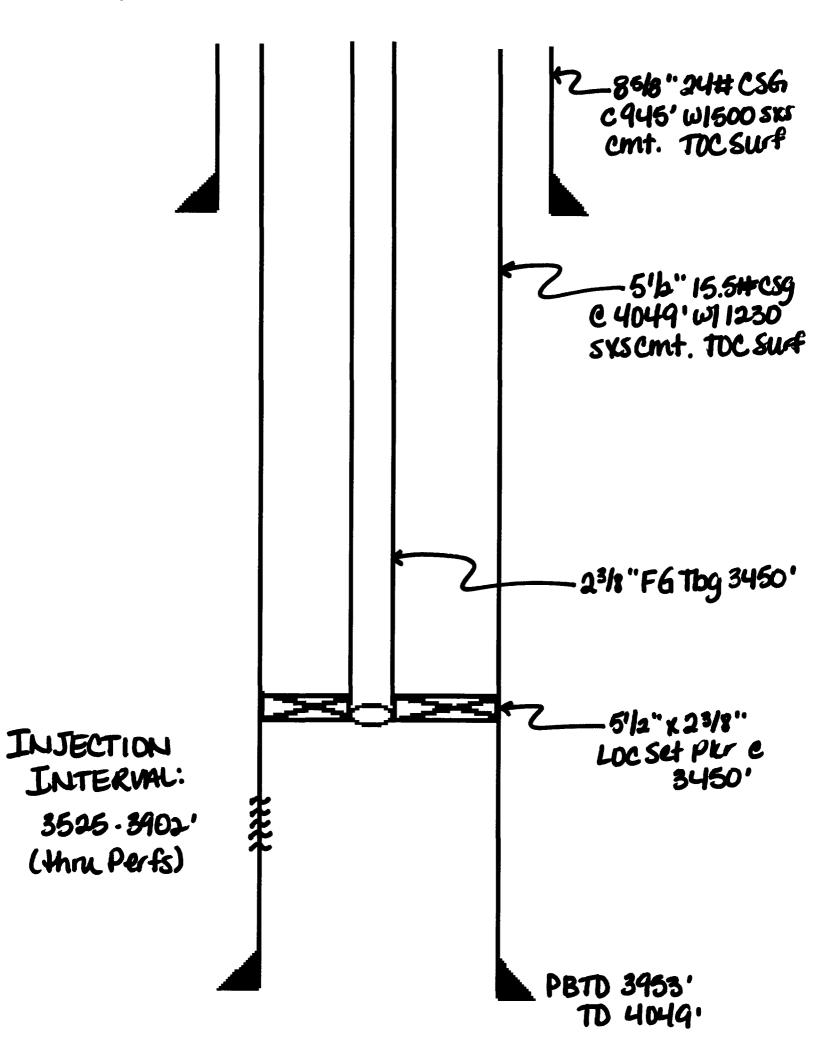
Each of these operators were provided a letter and a copy of our application by certified mail. Proof of notice is enclosed. The Bureau of Land Management is the surface owner. They have been notified by letter with a copy of our application.

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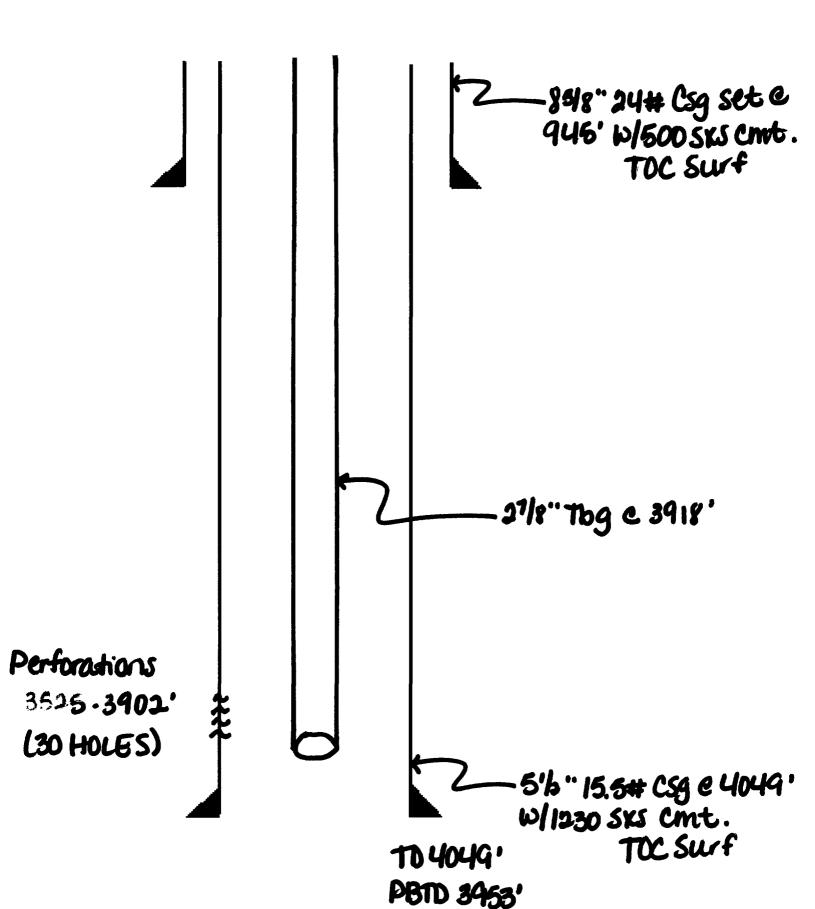
Devon Energy Operating Corporation Attachment III - Schematic PROPOSED WELLBORE

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



Devon Energy Operating Corporation Attachment III - Schematic EXISTING WELLBORE

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



Affidavit of Publication

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 pub-
lished 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
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That the cost of publication is \$\ 32.71,
and that payment thereof has been made and will
be assessed as court costs.
Mayintag
Carry Mag
Subscribed and sworn to before me this
28th days Fohruary 1041
19 16
28th day of February , 1996 Donne 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

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10/11/64
5/22/66 WIW
2/26/65
11/17/58
Completion Date Type of Well

3855'		8/7/78 7/15/57 10/13/69 12/24/91 12/24/91 8/14/69	4/19/57	2310' FNL & 330' FEL Section 34-18S-31E "G" 2310' FNL & 1650' FEL Section 34-18S-31E	Unit #14
3855'		7/15/57 7/15/57 -10/13/69 -12/24/91 -8/14/69		2310' FNL & 330' FEL Section 34-18S-31E "G" 2310' FNL & 1650' FEL Section 34-18S-31E	Unit #14
3855'				2310' FNL & 330' FEL Section 34-18S-31E Section 34-18S-31E "G" 2310' FNL & 1650' FEL	Unit #14
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	1	8/7/78			Last Silugari
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to 2540'. Perf Queen 3350-57' 2 JSPF, Perf 3425-34', 3440-45', 3459-66',					
Sq 2540-41' w/25 sxs cl "C" Drld out cmt to 2541'. Re-sq w/35 sxs. Drld out cmt					
Ran CBL, TOC @ 2572' Perf 2540-41' (4), Set BP @ 2608'. Sptd w/3 sxs cmt,		7/29/69			
	L ! ! ! ! !	 		Section 35-18S-31E	
TOC by CBL 7/68 @ 2572'. Tbg @ 3870'. Perf 3884-70' Perf'd 3554-64',				2310' FNL & 990' FWL	Unit #12
Oil 3925' 8-5/8" @ 904' w/50 sxs cmt, Est TOC @ 792'. 7" @ 3925' w/135 sxs cmt,	Oi	12/3/57	8/30/57	m.	East Shugart
3796.85'. Ran rods & pump. Pmpg Queen perfs 3375-3909' on 8/27/71.					
Sq Yates perfs 2720-2856' w/120 sxs cl "C". Drld out sq job. Ran tbg & SN to		8/27/71			
2720-2856'		1			
sqzd w/425 sxs. Sq 2168-70' w/200 sxs, DO sq @ 2712-14'. Perf'd Queen 3375-3478					
Perf'd 4 holes 2712-14'. Sq cmt perfs w/100 sxs. Perf'd 4 holes 2168-70' &		11/4/69		Section 35-18S-31E	
calc @ 2291' using 30% excess, Prior to Squeeze Job (SEE BELOW)				2310' FNL & 2310' FWL	Unit #11
Oil 3985' 8-5/8" @ 910' w/50 sxs cmt Est TOC @ 798', 7" @ 3918' w/125 sxs cmt, TOC	Oii	5/13/58	3/1/58	"F"	East Shugart
Реп's @ 3381-3925' (Queen)					
Ran 4-1/2" liner @ 3930-3600', cmt'd w/50 sxs. TOC @ liner top.				Section 35-18S-31E	
cmt, 7" @ 3640' w/100 sxs cmt, TOC @ 2350' by CBL 11/89,				2310' FNL & 2310' FEL	Unit #10
Oil 3933' 8-5/8" @ 925' w/100 sxs cmt TOC est @ 701', Squeezed @ 400' w/50 sxs	Oil	9/15/57	5/2/57	"G"	East Shugart
Prep to convert to WIW					
TOC 2230' by CBL 10/69.				Section 35-18S-31E	
st @ 3372'. Perfd 3404-3895'. CIBP @ 3350'. S				1650' FNL & 990' FWL	Unit #9
Oil 3908' 8-5/8" @ 850' w/50 sxs cmt, TOC est @ 730'. 5-1/2" @ 3906' w/100 sxs cmt,	O <u>i</u>	5/6/59	2/19/59		East Shugart
Type of Well Depth/PBTD Completion Record		Completion Date	Spud Date	Location	Well Name

					Section 34-18S-31E	
2700', 2712-22	PBTD 3619'				330' FSL & 990' FEL	Unit #26
8 5/8" @ 970' w/50 sxs, Est TOC @ 858'. 7" @ 3304' w/100 sxs, TOC calc @	3637'	Oil	11/28/40	10/18/49	"Þ"	East Shugart
(7" knocked off @ 2700")						
W/SN @					Section 35-18S-31E	
TOC est @ '. 4-1/2" 9.5# @ 3900' cmt'd w/100 sxs, TOC 2700'.					990' FSL 7 330' FWL	Unit #25
8-5/8" @ 950' w/50 sxs cmt, TOC Est @ '. 7" @ 3400' w/50 sxs cmt,	3900'	Oil	10/11/56	7/23/56	"M"	East Shugart
					All and the second seco	
Prep to convert to WIW						
squeeze @ 2140-41' (7/69)					Section 35-18S-31E	
4-1/2" liner 9.5# @ 3930'. CIBP @ 2675' (perf's 2738-2804") TOC @ 1760' after					990' FSL & 1650' FWL	Unit #24
8-5/8" 24# @ 925' TOC est @ 800'. 7" 20# @ 3392' w/100 sxs , TOC est @ 2262'.	3520'	Oil				East Shugart
Perf'd Queen 3906-12', 3890-96', 3590-96', 3464-81', 3391-3400' & Yates 2360-75'.		WIW	10/10/69		Section 35-18S-31E	
2461' using 30% excess. Perfs: 2772-90', Perf 3698-3720', Perfs 3834-42'					2310' FEL & 2310' FSL	Unit #22
8-5/8" @ 940' w/50 sxs cmt TOC est @ 828'. 7" @ 3940' w/150 sxs cmt, TOC @	3945'	Oil	2/14/59	11/25/58	"U"	East Shugart
inhibitor. Temporarily Abandoned.						
POOH w/ 2-3/8" tbg. Set CIBP @ 2725'. Circ hole w/125 BFW cont'g 12 gal corr		TA'd	8/16/78			
		TA'd	2/1/71			
Pulled dual tbg strings, drid out pkr & CIBP. Ran prod string 2-3/8" tbg @ 3877.33'.		Single WIW	8/7/69			
l		! ! ! ! ! !	 			
Perf'd Yates 2888-89'.Perf Yates 2750-51' sq w/75 sxs cmt,Perf Yates 2773-2918'						
Set CIBP @ 3510'. Perf Queen 3370-3495'. Re-perfd 3370-3482'.		Dual WIW	5/24/66			
Perf'd 3708-3702, 3734-46' Perf 3600-3564'			 		Section 35-18S-31E	
TOC @ 2622' on 5/66 CBL, Perfs: 3883-98', Perf 3796-3808'	PBTD 3928'				2310' FSL & 1650' FWL	Unit #21
8-5/8" @ 915' w/50 sxs cmt, TOC est @ 803'. 7" @ 4000' w/100 sxs cmt,	4018'	Oil	12/14/57	8/6/57	"K"	East Shugart
			6/14/94			
Sq btm of Yates w/165 sxs cmt, Perf'd Yates 2733-2822' (15)						
Ran CBL, indicated TOC @ 1993'. Perf'd 2869-70' (4)		0:1	2/15/68			
f/2930-3327' cmt'd w/est'd 25 sxs, TOC @ liner top by 1/68 CBL, OH 3327-4080'.					Section 35-18S-31E	
@ 3000', TOC @ 2190' (CBL) prior to squeeze @ 2					1980' FSL & 660' FWL	Unit #20
10" @ 903' w/25 sxs cmt, Circ 250 sxs cmt to surf via 3/4" string @ 1065'.	4088'	Oil	2/20/58	7/30/57	пТи	East Shugart
						Unit #19
for Plugged & Abandoned well.	de Schematic	Attached Downho	See A			East Shugart
					Section 34-18S-31E	
50' w/25	3905'	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4/23/91		1650' FSL & 1650' FEL	Unit #18
	2839'	Oil	3/13/45	2/2/45		East Shugart
Completion Record	Depth/PBTD	Type of Well	Completion Date Type of Well	Spud Date	Location	Well Name
	CHMENIVI	ATIAC				

Perfd UQ1 3312-26'			3/31/95			
					Section 34-18S-31E	
sxs cmt, TOC surf. 2-7/8" @ 3954' w/pkr. Perfd 3398-3850'	PBTD 4346'				990' FSL & 990' FEL	Unit #39
8-5/8" 24# @ 985' w/480 sxs cmt, TOC Surf, 5-1/2" 15.5# @ 4400' w/1020	4400'	O <u>i</u>	7/31/93	5/17/93	"P"	East Shugart
Perfd 3652-3658' w/13 holes. Perfd 3413-40 w/13 holes.		<u>S</u> ¦	11/17/94		Section 34-18S-31E	
cmt, TOC surf. 2-7/8" @ 3950'. Perfs 3765-3844' w/34 holes.	PBTD 4427'				2270' FSL & 840' FEL	Unit #37
8-5/8" 24# @ 965' w/480 sxs cmt, TOC surf. 5-1/2" 15.5# @ 4500' w/1110 sxs	4500'	Oil	8/19/93	6/28/93		East Shugart
Perfd 3540-3672' w/15 holes.		0	5/31/95		Section 35-18S-31E	137
cmt, TOC surf. 2-7/8" @ 3918' w/pkr. Perfd 3779-3856' w/53 holes.	PBTD 4449'				1650' FNL & 330' FWL	Unit #35
8-5/8" 24# @ 942' w/480 sxs cmt, TOC surf. 5-1/2" 15.5# @ 4495' w/985 sxs	4500'	Oil	6/24/93	6/14/93		East Shugart
Hole in 75th jt tbg. Set pkr @ 2879.11'. Ran MIT Test		WIW	2/24/95			
200 sxs. Drld out retr & cmt to 2830'. Set pkr @ 2946' & acid 3352-3891' w/5000 gal.	 	 	 			
out cmt to 2831'. Set pkr @ 2600'. Set cmt ret 2600'. Sq cmt perfs 2744-2829' w/						
retr @ 1915'. Sq cmt thru retr w/950 sxs TOC 1100'. Cmt w/500 sxs to surf. Drld						
Sq perfs @ 1987' w/200 sxs cmt, Drld out retr @ 1914' & cmt to 1990'. Set Cmt						
Found leak in 4-1/2" csg @ 1985'. Perf'd 4-1/2" @ 1987' (4), Set cmt retr @ 1914'						
Set RBP @ 2900' w/2 sx sd. Pkr @ 2400'. Cmt sq Yates 2744-2829' w/300 sxs,		WIW	5/20/82			
1987'. 2-7/8" tbg w/pkr @ 2833.19'. Perfs 3352-3891' Perf: 2744-2829'			l		Section 35-18S-31E	
TOC 1969' by Temp Surv. TOC 1100' by temp surv 5/82, after 950 sxs cmt sq @	PBTD 3943'				100' FSL & 990' FWL	Unit #32
8-5/8" 24# @ 929.67' w/400 sxs cmt TOC Surf, 4-1/2" 9.5# @ 3978.16' w/450 sxs,	3978'	WIW	10/9/69	9/23/69	"M"	East Shugart
alid 2480-2300 W/200 SXS Cilit, 433-383 W/30 SXS Cilit, 80-30 W/10 SXS Cilit.					,	
Peri 3297-3416 (9), 2-378 @ 3645 Cmt a 5-172 csg 1770-75 W/75 sxs; 2634-2636	3845		6/30/85			
Peri'd Yates 2634-2838' (9)			11/25/71			
Queen perfs 3297-3372' (7). Ran 2" to 3635'.						
Cmt csg leaks 455-597' w/250 sxs cl "C". Sq'd leaks w/50 sxs cl "C". Added						
Perf'd 5-1/2" w/4 holes 2498-2500'. Circ annulas thru holes w/300 sxs cl "C" cmt.			10/1/69			
2-3/8' @ 3354'. Perfs: 3398-3416'. OH 3448-3671'.					Section 34-18S-31E	
5" 15.5# @ 3448' w/25 sxs cmt, Est TOC 3300'					990' FSL & 1650' FEL	Unit # 27
7" 20# @ 2570' (mudded) cut & pulled f/2570'.	3675'	Oil	8/6/52	4/28/52	"O"	East Shugart
Completion Record	Depth/PBTD	Type of Well	Completion Date	Spud Date	Location	Well Name

					Section 35-18S-31E	
TOC surf. 2-7/8" tbg @ 3912'. Perf'd 3701-3875' (15 holes).	PBTD 3972'				330' FNL & 2230' FEL	Unit #52
8-5/8" 24# @ 949' w/500 sxs cmt, TOC surf. 5-1/2" 15.5# @ 4035' w/975 sxs cmt,	4036'	Oil	10/18/95	10/1/95	"B"	East Shugart
Perf'd 3694-3592'. Ran tbg, pump & rods, SN @ 3933'.			3/19/95		Section 35-18S-31E	
cmt, TOC @ 494' : 2-7/8" tbg @ 3962'. Perfs: 3871-3896'	PBTD 3995'				1700' FNL & 2325' FEL	Unit #50
8-5/8" 24# @ 949' w/500 sxs cmt, TOC surf; 5-1/2" 145.5# @ 4049' w/1230 sxs	4062'	Oil	7/23/94	6/30/94	"G"	East Shugart
Perfs (a) 3712-20'; (b) 3823-29'; 3870-73'; 3876-3880', (Queen)						
TOC Surf, 2-7/8" OET @ 3889'	PBTD 3990'				990' FNL & 1500' FEL	Unit #49
8-5/8" 24# @ 949' w/500 sxs, TOC Surf . 5-1/2" 15.5# @ 4043' w/900 sxs,	4044'	Oil	12/8/94	9/22/94	"B"	East Shugart
f/2930-3327', No record of cmt vol. Formation: Upper Grayburg (Top @ 3400') OH.					Section 35-18S-31E	
sxs cmt, TOC @ Surf . 2-7/8" OET @ 3877'.	PBTD 3955'				1650' FNL & 990' FWL	Unit #47
8-5/8" 24# @ 949' w/500 sxs cmt TOC @ surf, 5-1/2" 15.5# @ 4025' w/1410	4040'	Oil	1/4/95	9/14/94		East Shugart
Perf: 2710-2806' Perf 3428-40', Perf 3556-66' Perf 3803-09' 3862-81'					Section 35-18S-31E	
w/940 sxs cmt, TOC @ Surf , 2-7/8" OET @ 3929'.	PBTD 3930'				2550' FNL & 580' FWL	Unit #45
8-5/8" 24# @ 949' w/500 sxs cmt, TOC @ Surf; 5-1/2" 15.5# @ 4016'	4017'	Oil	9/1/94	6/21/94	=======================================	East Shugart
					Section 35-18S-31E	
cmt, Circ to surf. 2-7/8" @ 3890'. Perf'd 3794-3870' w/51 holes.	PBTD 3958'				990' FNL & 990' FWL	Unit #44
8-5/8" 24# @ 956' w/478 sxs cmt, TOC surf. 5-1/2" 15.5# @ 4025' w/916 sxs	4025'	Oil	1/10/94	11/9/93	"D"	East Shugart
					Section 34-185-31E	
TOC surf. 2-7/8" @ 3890' Pert'd 2736-3853' w/ 80 holes.	PBTD 3883				1650' FNL & 840' FEL	Unit #40
8-5/8" @ 973' w/478 sxs cmt, TOC surf. 5-1/2" 15.5# @ 4009' w/1113 sxs cmt,	4013'	<u>Oi</u>	7/20/94	11/20/93		East Shugart
Completion Record	Depth/PBTD	Type of Well	Completion Date	P	on	Well Name

Dil 4020' 8-5/8" 24# @ 949' w/500 sxs cmt, TOC Surf. 5-1/2" 15.5# @ 4009' w/1190 sxs PBTD 3993' cmt, TOC surf. 2-7/8" @ 3886' (OET). Perf'd 2670-3842'. (59 holes) Dil 4068' 8-5/8" 24# @ 950' w/500 sxs, TOC @ Surf, 5-1/2" 15.5@ @ 4067' w/1060 PBTD 3991' sxs cmt, TOC @ surf. 2-7/8" OET @ 3937'.	0:			Section 35-185-31T	
4020' PBTD 3993' 4068'	<u></u>			2310' FNL & 865' FEL	Unit #61
4020' PBTD 3993'		3/5/95	1/26/95	Ţ	East Shugart
4020' PBTD 3993'				Section 34-18S-31E	
4020'				1100' FSL & 1650' FWL	Unit #59
	Oil	2/4/95	10/15/94	"V"	East Shugart
				Section 35-18S-31E	
PBTD 4027' cmt, TOC surf. 2-7/8" csg 3961'. Perf'd 3686-3908' (16 holes)				1575' FSL & 2200' FWL	Unit #58
Oil 4088' 8-5/8" 24# @ 949' w/500 sxs cmt, TOC surf. 5-1/2" 15.5# @ 4087' w/975 sxs	Oil	12/3/95	11/7/95	"X"	East Shugart
				Section 35-18S-31E	
PBTD 3990' sxs cmt, TOC Surf. 2-7/8" @ 3906' (OET) Perf 3795-3897'				375' FSL & 1950' FWL	Unit #57
Oil 4073' 8-5/8" 24# @ 949' w/500 sxs cmt TOC Surf , 5-1/2" 15.5# @ 4072' w/1310	Oil	11/13/94	9/30/94	"N"	East Shugart
				Section 35-18S-31E	
PBTD 4009' cmt, TOC surf. 2-7/8" tbg @ 3946'. Perf'd 3591-3932' (43 holes)				2250' FNL & 1910' FEL	Unit #56
Oil 4073' 8-5/8" 24# @ 949' w/500 sxs cmt, TOC surf. 5-1/2" 15.5# @ 4072' w/1150 sxs	Oil	11/30/95	10/10/95	"H"	East Shugart
		-		Section 34-18S-31E	
PBTD 3873' cmt, TOC surf. 2-7/8" @ 3860'. Perf'd 2670-3834' w/40 holes.				1690' FNL & 1940' FWL	Unit #54
Oil 3924' 8-5/8" 24# @ 954' w/500 sxs cmt, TOC surf. 5-1/2" 15.5# @ 3923' w/1050 sxs	Oil	9/29/94	7/30/94	Ψ"	East Shugart
of Well Depth/PBTD Completion Record	Type of We	Completion Date Type of Well	Spud Date	Location	Well Name

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

Well Name	Location	Spud Date	Spud Date Completion Date Type of Well	Type of Well	Depth/PB1D	Completion Record
East Shugart	"F"	6/24/95	7/21/95	Oii	4049'	8-5/8" 24# @ 945' w/500 sxs cmt, TOC Surf; 5-1/2" 15.5# @ 4049' w/1230
Unit #76	1990' FNL & 1940' FWL				PBTD 3953'	sxs cmt, TOC Surf. 2-7/8" OET @ 3918'. Perf 3812-3902'
	Section 34-18S-31E		8/18/95	 		Perf UQ3 and LQ1 3525-3704'; Ran tbg, set SN @ 3918'.
East Shugart	"f."	6/15/95	7/16/95	Oi	4100'	8-5/8" 24# @ 939' w/500 sxs cmt, TOC Surf ; 5-1/2" 15.5# @ 4104' w/925
Unit #77	1550' FSL & 2120' FEL				PBTD 4023'	sxs cmt, TOC Surf. Perfs @ 3525-3902' (Queen)
	Section 34-18S-31E					
East Shugart	"K"	10/19/95	11/11/95	Q <u>i</u>	4091'	8-5/8" 24# @ 949' w/500 sxs cmt, TOC surf. 5-1/2" 15.5# @ 4090' w/1200 sxs
Unit #78	2300' FSL & 2300' FWL				PBTD 3635'	cmt, TOC Surf. 2-7/8" @ 3918'. Perfs: 3831-3928' w/15 holes.
	Section 34-18S-31E					
East Shugart	"E"	10/29/95	12/16/95	Oil	4066'	8-5/8" 24# @ 949' w/500 sxs cmt, TOC surf. 5-1/2" 15.5# @ 4065' w/950 sxs
Unit #79	2120' FNL & 375' FWL				PBTD 4003'	cmt, TOC surf. 2-7/8" @ 3903'. Perf'd 2800-3878' w/50 holes.
	Section 35-18S-31E					

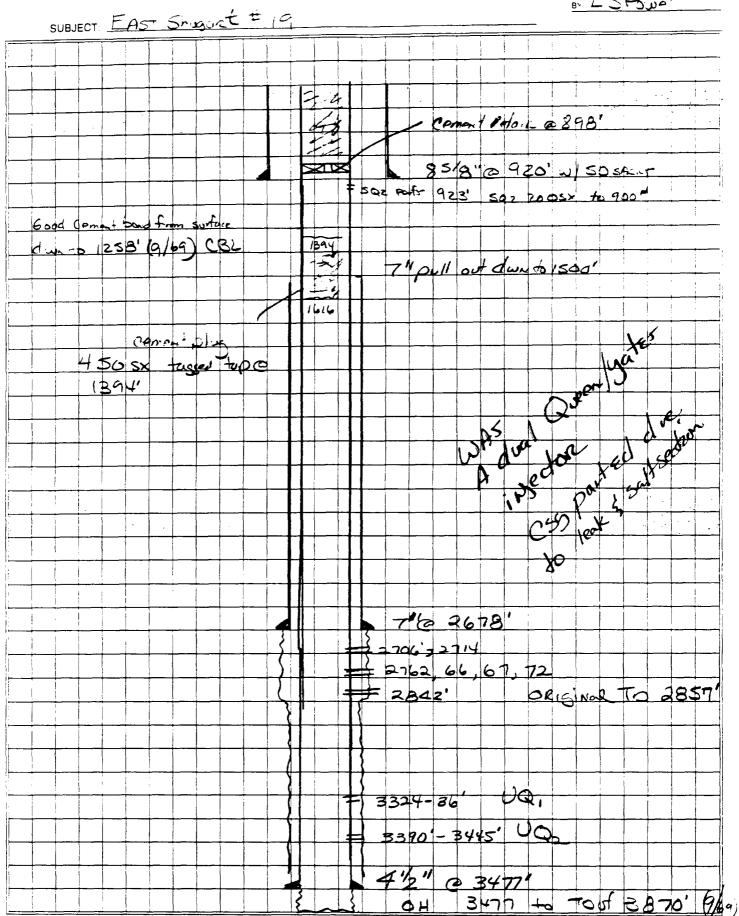
- 1					Sec. 26-18S-31E		
sxs cmt, Est TOC 2140'. IP 3450-3698' 15 BOPD.			TOTAL PROPERTY AND ADJUST AND ADJ		1650' FSL & 990' FEL		
8-5/8" @ 671' w/300 sxs cmt, Est TOC @ surf. 4-1/2" @ 4170' w/500	4170'	Oil	4/25/81	1/24/81	ոկո	Westall-Mask	Hinkle B Fed #13
					Sec. 26-18S-31E		
sxs cmt, Est TOC @ 2055'. IP f/2656-82' 39 BOPD.					1880' FSL & 1880' FEL	(Ozark)	· · · · · · · · · · · · · · · · · · ·
8-5/8" @ 897' w/575 sxs cmt, TOC @ surf, 4-1/2" @ 4084' w/500	4085	Oil	8/17/76	7/26/76	"J"	Honeysuckle	Federal 26 #2
IP f/3275-3680' 30 BOPD					Sec. 2-19S-31E		
5" @ 3275' no cmt record. 4" liner f/3262-3680' no cmt record.					330' FNL & 330' FWL		
8-1/4" @ 774' w/50 sxs cmt, Est TOC @ 662'. 7" @ 2935' no cmt record,	3685	Oil	9/18/39	5/4/39	Ū	Keohane-Westall	State 2 #1
BOPD, 3 BW.					Sec. 2-19S-31E		
4-1/2" @ 3890' w/250 sxs cmt, Est TOC @ 2876'. IP f/3414-3853' 117	3953'	Oil - WO	6/12/59	5/23/59	330' FNL & 1650' FWL		
8-1/4" @ 910' w/50 sxs cmt, TOC Est @ 798'. 7" @ 3337'. no cmt record.	3953	D&A	12/10/51	10/1/45	"0"	Mask Jennings et al	State #1
					Sec. 26-18S-31E		
cmt, TOC est @ 1670'. IP f/2746-68' 386 BOPD					330' FSL & 1650' FWL		
8-5/8" @ 853' w/50 sxs cmt, Est TOC @ 741'. 7" @ 2800' w/100 sxs	2800'	<u>Q</u>	1/3/60	11/24/60	Ž	Tom Boyd	Hinkle-Federal B #3
					Sec. 26-18S-31E		
cmt, TOC est @ 3342'. IP 3761-71' 288 BOPD					1650' FSL & 2310' FWL		
8-5/8" @ 932' w/50 sxs cmt, TOC est @ 820'. 5-1/2" @ 3876' w/100 sxs	3939'	Oil	3/9/61	1/15/61	"X"	Tom Boyd	Hinkle Federal B #4
					Sec. 26-18S-31E		
cmt, TOC est @ 546'. IP f/2730-54' 78 BOPD.					330' FSL & 990' FWL		
8-5/8" csg @ 793' w/72 sxs cmt, TOC est @ 632'. 7" @ 2805' w/200 sxs	2805'	Oil	6/6/61	5/6/61	"M"	Tom Boyd	Hinkle Federal B-26 #5
					Section 3-19S-31E		
					330' FNL & 330' FEL		
8" @ 900' w/50 sxs cmt, TOC est @ 788'. 7" @ 2635' w/100	2748	Oil	12/12/38	8/7/38	"A"	Jack Plemons	McFadden - Federal #1
					Section 26-18S-31E		
Est TOC surf. Perfs: 3460-3586'.					330' FSL & 990' FEL		
8-5/8" @ 650' w/250 sxs cmt, TOC est @ 90'. 4-1/2" @ 4186' w/500 sxs,	4200'	Oil	8/23/80	6/4/80	"P"	Westall	Hinkle Federal 11-B
					Section 36-18S-31E		
Est TOC @ 3374'. Perfs: 3840-58'. IP: 40 BO, 50 BW.					330' FNL & 330' FWL		
8-5/8" @ 974' w/50 sxs cmt, Est TOC 682'. 5-1/2" @ 4040' w/125 sxs cmt,	4100'	Oil	6/20/58	4/29/58	"D"	Tom Boyd	State 36 #1
Completion Record	Depth/PBTD	Type of Well	Spud Date Completion Date Type of Well Depth/PBTD	Spud Date	Location	Operator	Well Name

1217 10/06/00

SHEET NO

DEVON ENGINEERING CHART

DATE 9/23/92 BY LSFOWS



Devon Does it Deeper!

RIH w/CCL log from 1150-1318', ran out of csg @ 1318'. logging tools stopped @ 1391'. RIH w/CBL-VDL-GR log 1294-0'. Log indicated csg bond from 1258' to surface. On set BP @ 1264'. Perf 4 JS @ 923-25'. RIH w/pkr, set pkr @ 898'. Inj rate thru perfs @ 1 EPM @ 700%. POH w/pkr. RIH 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 4½" csg below GL, inst reg dry hole marker, clean & level location.

	1									
DI 2 15			New T	New TD				PB Depth	PB Ucpth	
Released rig			Date	Date			Kind of ti	Kinn of tig		
Classifications (oil, gas, etc.)				Type completion (single, qual			, qual, etc.)	1. etc.)		
P&A						ļ				
Producing in	etr-od					Official re	setvoir name(s	a);		
Pot-ntial 1-3t	data					<u> </u>				
v/eii no.	Date	Reservoir		Producing Interval		Oil or gas	Yest time	Production		
					·			 	Oil on test	(A. p.r.e.r
Punio size, S	PM X length	Choke size	T.P.	C.P.	Water	*	GOR	Gravit	Ailow apie	Ettoctive date
			- 	 				corrected		Cloudite Care
The above is	forrect								<u> </u>	
Signatur	Schmidt	Disp		Date 1/1:	5/81		Dist D	rlg. Sup	t.	
one Procedu-	paration and distribution, es Manual, Section 10, es 86 and 87.						•		10	ceived

1/122/81

Change of Well Status a	nd/or Abandonme	ent Reque	st	\$
To: District Manager Mr. C. E. Cardwell, J	r.			
Lease-Unit (Name and Well Number):			Accounting Cost Center Code	,
East Shugart Unit No.	_19		Expiration Date(s)	
11M-3653; NM-4296		County-Parish and S	HBP	
West Permian		1 '	inty, New Mexi	co
Field	Operator ARCO Oil and Gas	Company	A.R. Co. W.I. 85.0258%	
Shugart Last Produced (Date and Reason Not Producing or If nev	well, date completed):- Convert	ed to WIW	5/22/66. Inj	water through
11/10/80. At that time or packer leak that was	a workover began o	n the well	to repair a	casing, tubing
Is this the last or only	Lease Unit is Being	Held By:	.3307C up.	
Well on this lesse-unit? Brist Well History and Recommendation: This W	No 22 Produc		1950's as a	producer in
the Queen formation of the current TD is 3870' and 3390-3445' and open he through perforations in completed as a dual injection was discontinued in ication between the Queet July of this year. When casing had parted at about the conomically feasible No. 19 be plugged and about 2 MMBW have	he Shugart field. and the well is co ole from 3475' to the Yates formatio ction well; howeve the early 1970's. n formation and th work began to rep ut 1325' in the sa e and we therefore andoned. Cumulati	It has simpleted the 3870 in the from 270 r, all wat A leak reproductiair the lelt section recommend	nce been deep rough perfora he Queen form 6' to 2842'. T er injection esulting in p on casing was ak it was fou . Repair of that the Eas	ened twice. tions 3324-36' ation and also he well was into the Yates ressure commun discovered in nd that the the well is t Shugart Unit
injected to date.	Vess	M. APPROVAL		ulialan
	District F	roduction Supervisor Troop		11/18/80 Date
Land (Include Acreage Being Released, if eny):	<u> </u>	11 бор		
No loss of interest involved.				
No loss of interest involved	a	Man.	- for C, K. Date:	
ngineering: Recommend that the	s above damaged casin	E Deugh	ith engineering. Date: cal condition	11/18/80
well is such that i	t is no longer usa	able. /		
Administrative (Salvage Estimated and Disposition Recon	mendation: and sy:	1 Hover	Date:	11/18/80
Production:	By:	·····	Date:	
Rec. PLA.	By: X	Inur	Date: }	-19-80
APPROVED FOR PLA - due to im. V. Serrel for C.E. Curhment Harrici Manager				•
istrict Manager	Region Menager		Exploration and Producing Op-	Prations
11-19-80			Trensens	
ate	Date	, ;	Date	
R3B-771-B # 120 180	Executive	Vice-President	1230	Date
the contract the state of the contract of the		-		



20 North Broadway, Suite 15 Oklahoma City, Oklahoma 73



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 #20 1980' FSL 660' FWL Section 35-18S-31E Eddy County, NM East Shugart Unit #52 330' FNL and 2230' FEL Section 35-18S-31E Eddy County, NM

		<u> </u>
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, 62,70	Ĺ
PS Fo	3/4 2-	93-4 U

DOMESTIC RETURN RECEIP

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 Engineering Technician

/dmk enclosures

xc: Well Files

return this card to you. Attach this form to the front of the mailpiece, or on the bac does not permit. Write "Return Receipt Requested" on the mailpiece below the second the	k if space 1. Addressee's Address
Ray Westall Post Office Box 4 Loco Hills, NM 88255	4a. Article Number b. Service Type Registered Insured Certified COD Express Mail Return Receipt for Merchandise 7. Date of Delivery
5. Signature (Addressee)	Addressee's Address (Only if requests and fee is paid)
	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 return this card to you. Attach this form to the front of the mailpiece, or on the bac does not permit. Writs "Return Receipt Requested" on the mailpiece below the setting return Receipt will show to whom the article was delivered delivered. Article Addressed to: 8-23-9 (a) Ray Westall Post Office Box 4 Loco Hills, NM 88255



20 North Broadway, Suite 15 Oklahoma City, Oklahoma 7:

East Shugart Unit #52

Section 35-18S-31E

Eddy County, NM

330' FNL and 2230' FEL

Z 731 677 027



Receipt for Certified Mail

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

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

ATTN: Jack Plemons

	Certined - 60 Special Delivery Fee	
	Restricted Delivery Fee	
3800, March 1993	Return Receipt Showing to Whom & Date Delivered	
	Return Receipt Showing to Whom, Date, and Addressee's Address	
5	TOTAL Postage & Fees	\$
	Postmark or Date	"Lí

Eyesit Nonticution
2-23-41

DOMESTIC RETURN RECEIPT

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

February 23, 1996

RE:

East Shugart Unit #76

1990' FNL and 1940' FWL

Section 35-18S-31E Eddy County, NM

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

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Sincerely,		
Devon Energy Corporation Luna M. Keys Engineering Technician	SENDER: 0.000, 0	if space 1. Addressee's Address
/dmk enclosures	ower not permit. With the Meturn Receipt Requested" on the malipiece below the art. The Return Receipt will show to whom the article was delivered a delivered. Article Addressed to: Q-Q3-Q-U General New Mexico, Inc. P.O. Box 385	4a. Article Number 2-73/6> O2-> 4b. Service Type Registered Insured
xc: Well Files	Artesia, NM 88211-0385 ATTN: Jack Plemons Signature (Addressee)	Certified COD Express Mail Return Receipt for Merchandise 7. Date of Delivery 8. Addressee * Address (Only if requester and fee is paid)

20 North Broadway, Suite 150 Oklahoma City, Oklahoma 73

East Shugart Unit #52

Section 35-18S-31E

330' FNL and 2230' FEL



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

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

ı	, ,	. \$
PS Form 3800, March 1993	Certified Fee	ı ´
	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	
	WIW- BILAC, Offict NOTE: 4/4 2-3	62.7L
	abit NOTO	CLANCIN
PS	14/4 2-2	346

DOMESTIC RETURN RECEIP

and fee is paid)

±U.S. GPO: 1993-352-714

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Sincerely,		
Devon Energy Corporation	was a go on the MATO	t not house to receive the
Diana M. Keys Engineering Technician	SENDER: Complete items 1 and/or 2 for additional services. Complete items 3, and 4a & b. Print your name and address on the reverse of this form so that return this card to you. Attach this form to the front of the mailpiece, or on the back is does not permit. Write "Return Receipt Requested" on the mailpiece below the article. The Return Receipt will show to whom the article was delivered a	following services (for an extra fee): 1. Addressee's Address cle number of the date consult postmaster for fee.
/dmk enclosures	3. Article Addressed to:	\$b. Service Type Registered Insured
xc: Well Files	Ozark Exploration Inc. 1525 Two Turtle Creek Village Dallas, TX 75219	Certified COD Express Mail Return Receipt for Merchandise 7. Date of Deliver B 26 1996
	Q	8. Addressee's Address (Only if requested

5. Signature (Addressee)

PS Form 3811, December 1991



20 North Broadway, Suite 150 Oklahoma City, Oklahoma 731 Z 731 677 D26



Receipt for **Certified Mail**

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

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

20)	•
	ı
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, 7 WW Appl to	afeco
	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 LSU AU, S2, T WIW HPPL TC

Addressee's Address (Only if reque

DOMESTIC RETURN RECE

and fee is paid)

8.

±U.S. GPO: 1993-352-714

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

February 23, 1996

RE:

East Shugart Unit #76

1990' FNL and 1940' FWL

Section 35-18S-31E Eddy County, NM

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

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

RETURN ADDRI

i lease direct questions regarding this ma	tici to Linic Buttioss at (403) 332-4309.	
Sincerely,		1000 i0110il
Devon Energy Corporation	SENDER: Complete items 1 and/or 2 for additional services. Complete items 3, and 4e & b. Print your name and address on the reverse of this form so that return this card to you.	I also wish to receive the following services (for any extra twe can fee): 1. Addressee's Acelress
Diana M. Keys Engineering Technician	return this card to you. Attach this form to the front of the mailpiece, or on the back if does not permit. Write "Return Receipt Requested" on the mailpiece below the article. The Return Receipt will show to whom the article was delivered adelivered. 3. Article Addressed to:	cle number 2 Restricted Delivery
/dmk enclosures	Enerloc Resources Inc. 616 Mechem Drive Ruidoso, NM 88340	4b. Service Type
xc: Well Files	Attention: Tom Boyd	7. Date of Delivery

Attention: Tom Boyd

PS Form 3811, December 1991

6. Signature (Agent)