

ATTACHMENT VI

<u>WELL NAME</u>	<u>LOCATION</u>	<u>SPUD DATE</u>	<u>COMPLETION DATE</u>	<u>TYPE OF WELL</u>	<u>DEPTH/PBTD</u>	<u>COMPLETION RECORD</u>
H. E. West "A" #23	140' FSL & 35' FEL Sec. 4-17S-31E	3/1/93	9/3/93	Producing Oil	TD 4308' PBTD 4287'	13 3/8" @ 595' w/250 sx cmt circ to surface 5 1/2" @ 4308' w/1600 sx cmt circ to surface Completed as an oil producer in the Grayburg San Andres w/perfs from 3259'-3530' (48 holes).
H. E. West "A" #2	660' FNL & 1980' FEL Sec. 4-17S-31E	2/5/48	4/1/48	Producing Oil	TD 3494' PBTD 3494'	10 3/4" @ 644' w/125 sx common cmt. 7" @ 3335' w/150 sx reg. cmt. Completed as a producer from the Grayburg San Andres thru open hole interval 3335' to 3494'.
H. E. West "B" #54	75' FNL & 1370' FEL Sec. 9-17S-31E	3/10/93	5/11/93	Producing Oil	TD 4310' PBTD 4256'	8 5/8" @ 618' w/300 sx cmt circ to surface. 5 1/2" @ 4310' w/1850 sx cmt circ to surface. Completed as a Grayburg San Andres producer through perforations 4031'-4132' (63 holes). Additional perfs 3230'-3520', 3766-3871' & 4048'-4250'. Acidized w/3000 gals 15% NEFE acid. Frac'd w/15,000 gals gelled Super X emulsified acid.
H. E. West "A" #9	1980' FSL & 660' FEL Sec. 4-17S-31E	10/19/55	12/1/55	Injection (Oil well converted)	TD 3856' PBTD 3816'	8 5/8" @ 719' w/100 sx cmt 7" @ 3198' w/200 sx cmt. TOC @ 1684' (CBL) 4 1/2" liner from 2968'-3856', cmt'd w/175 sx. Completed as an oil producer from 3196'-3650' open hole. Frac'd 3276'-3281' w/1500 gals oil + 2000# sand Frac'd 3383'-3390' w/3000 gals oil + 4000# sand Deepened to 3856' and 4 1/2" line run to 3856' and cmt w/175 sx. Well was perf'd 3360'-3375' and converted to injection.

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H. E. West "B" #11	1980' FSL & 1980' FWL Sec. 4-17S-31E	1/54	2/54	Injection	TD 3574' PBTD 3574'	8 5/8" @ 683' w/100 sx 7" @ 3146' w/200 sx. TOC @ 1000' (Calc.) 4 1/2" liner set from 3071'-3574' w/540 sx. Completed in the Grayburg San Andres as an oil producer from open hole interval 3146'-3574'. Converted to injector through open hole. Ran liner and converted to dual injector with the addition of perfs from 3206'-3566'. Returned to single injector through existing perforations.
H. E. West "A" #4	1980' FNL & 1980' FEL Sec. 4-17S-31E	8/54	9/54	Injection	TD 3842' PBTD 3841'	8 5/8" @ 706' w/100 sx. 7" @ 3169' w/200 sx. TOC @ 2000' (calc.) 4 1/2" liner from 3068'-3841' cmt'd w/ 95 sx. Completed in the Grayburg as a producer from open hole interval 3326'-3336'. Deepened to 3842'. Ran 4 1/2" liner 3068'-3841'. Converted to dual injector through perfs 3331'-3822'. Converted to triple injection through perfs 3242'-3398'. Returned to single injection through perfs 3242'-3822'.
H. E. West "A" #17	660' FSL & 660' FEL Sec. 4-17S-31E	12/12/89	1/6/90	Producing Oil	TD 3954' PBTD 3906'	8 5/8" @ 575' w/350 sx cmt, circ to surface. 5 1/2" @ 3948' w/1150 sx cmt, circ to surface. Completed as producer from Grayburg San Andres fromation through perfs 3273'-3839'.

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H. E. West "B" #27	660' FSL & 1980' FWL Sec. 4-17S-31E	5/3/61	2/6/64	Producing Oil	TD 12,860' PBTD 3922'	13 3/8" @ 650' w/740 sx cmt, circ to surface. 9 5/8" @ 3800' w/1450 sx cmt, circ to surface. Well was drilled to a TD of 12,860'. The well was plugged back to 3922. Completed in Grayburg San Andres through perfs 3180'-3546' and open hole interval 3800'-3885'.
H. E. West "B" #7	1980' FSL & 660' FWL Sec. 4-17S-31E	2/7/52	12/7/63	Producing Oil	TD 3765'	8 5/8" @ 644' w/100 sx cmt. 7" @ 3' 03' w/200 sx cmt. Completed as producing oil well from Grayburg San Andres open hole 3103'-3765'.
H. E. West "A" #22	1345' FSL & 35' FEL Sec. 4-17S-31E	2/3/93	3/31/93	Producing Oil	TD 5022' PBTD 3560'	13 3/8" @ 604' w/350 sx cmt. 8 5/8" @ 1815' w/750 sx cmt. 5 1/2" @ 5022' w/1222 sx cmt. Completed in Grayburg San Andres through perfs 3278'-3522'.
H. E. West "A" #14	720' FSL & 1980' FWL Sec. 4-17S-31E		12/88	Producer *Proposed injector	TD 3935' PBTD 3828'	8 5/8" @ 542' cmt'd w/350 sx, circ to surface. 5 1/2" @ 3935' w/1900 sx cmt, circ to surface. Completed in Grayburg San Andres as producer from 3214'-3467', 3492'-3678', and 3709'-3863'.
H. E. West "B" #33	1980' FSL & 660' FWL Sec. 3-17S-31E	3/2/88	8/20/88	Producing Oil	TD 4057' PBTD 4011'	8 5/8" @ 625' w/300 sx cmt, circ to surface. 5 1/2" @ 4057' w/1300 sx cmt. TOC 2262' (CBL). Completed as producer in Grayburg San Andres through perf 3367'-3594'.

ATTACHMENT VII

PROPOSED OPERATION

1. Average daily injection rate - 500 BWPD.
 Maximum daily injection rate - 600 BWPD.
2. Type of system - closed.
3. Average injection pressure - 1900 psi.
 Maximum injection pressure - 2500 psi.
4. Source of injection water - Produced water from the Keel West plus make up
 water from Keel West fresh water system.
5. N. A.

ATTACHMENT VIII

GEOLOGY AND LITHOLOGY

The proposed injection zone is in the Greyburg San Andres from 3196' to 4070'. The Greyburg formation consists primarily of quartz sand w/ cementation. The San Andres formation consists primarily of dolomite with intermingled stringers of quartz sand with dolomite cementation.

Surface formation is cretaceous and has no known source of drinking water. Also, there are no known sources of drinking water overlying or underlying the proposed injection zone.

ATTACHMENT XII

Upon examination of the available geologic and engineering data, no evidence of open faults or any other hydrologic connection between the injection zone and any underground source of drinking water was found.

ATTACHMENT XIV

PROOF OF NOTICE

Devon Energy Operating Corporation (applicant) is the operator of all wells within the area of review. The Bureau of Land Management is the surface owner. They have been notified by BLM Sundry Notice.

PROOF OF PUBLICATION

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

Affidavit of Publication

No 16137

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:

November 15, 1994
_____, 19____
_____, 19____
_____, 19____
_____, 19____
_____, 19____

That the cost of publication is \$ 25.70,
and that payment thereof has been made and will
be assessed as court costs.

Amy McKay

Subscribed and sworn to before me this
16th day of November, 1994

Ronnie Cump

My commission expires 8/01/98
Notary Public

November 15, 1994

Legal Advertisement

Notice is hereby given that Devon Energy Operating Corporation is applying to the New Mexico Oil Conservation Division to convert the following well to an injection well for secondary recovery purposes:

H.E. West "A" #5
1980' FSL & 1980' FEL
Section 4-T17S-R31E
Eddy County, NM

The intended purpose of this well is to inject produced waters into the Grayburg-San Andres formations to enhance oil production through secondary recovery. Maximum injection rates of 600 bwpd and a maximum pressure of 2500 pig 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

Randy Jackson
District Engineer
Devon Energy Operating Corporation
20 North Broadway, Suite 1500
Oklahoma City, OK
(405) 552-4560