



CITIES SERVICE COMPANY
ENERGY RESOURCES GROUP

Box 1919
Midland, Texas 79702
(915) 684-7131

March 28, 1979

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

Re: Request for administrative
approval to convert Southeast
Maljamar Grayburg-San Andres
Unit #402 from an oil well to
a water injection well.

Gentlemen:

Cities Service Company respectfully requests administrative approval to convert to water injection its Southeast Maljamar Grayburg-San Andres Unit #402, located 1980' from the North line and 660' from the West line of Section 29, Township 17S, Range 33E, Lea County, New Mexico. In support of this request we are enclosing a plat, diagrammatic sketch, log, tubular summaries of wells within one-half mile of this well, and letters to offset operators relating to this conversion.

If additional information is needed, please advise.

Yours very truly

E. Y. Wilder
Region Operations Manager
Southwest Region
E & P Division

EYW:RHS:sl

cc: Oil Conservation Commission Div.
P.O. Box 1980
Hobbs, NM 88240

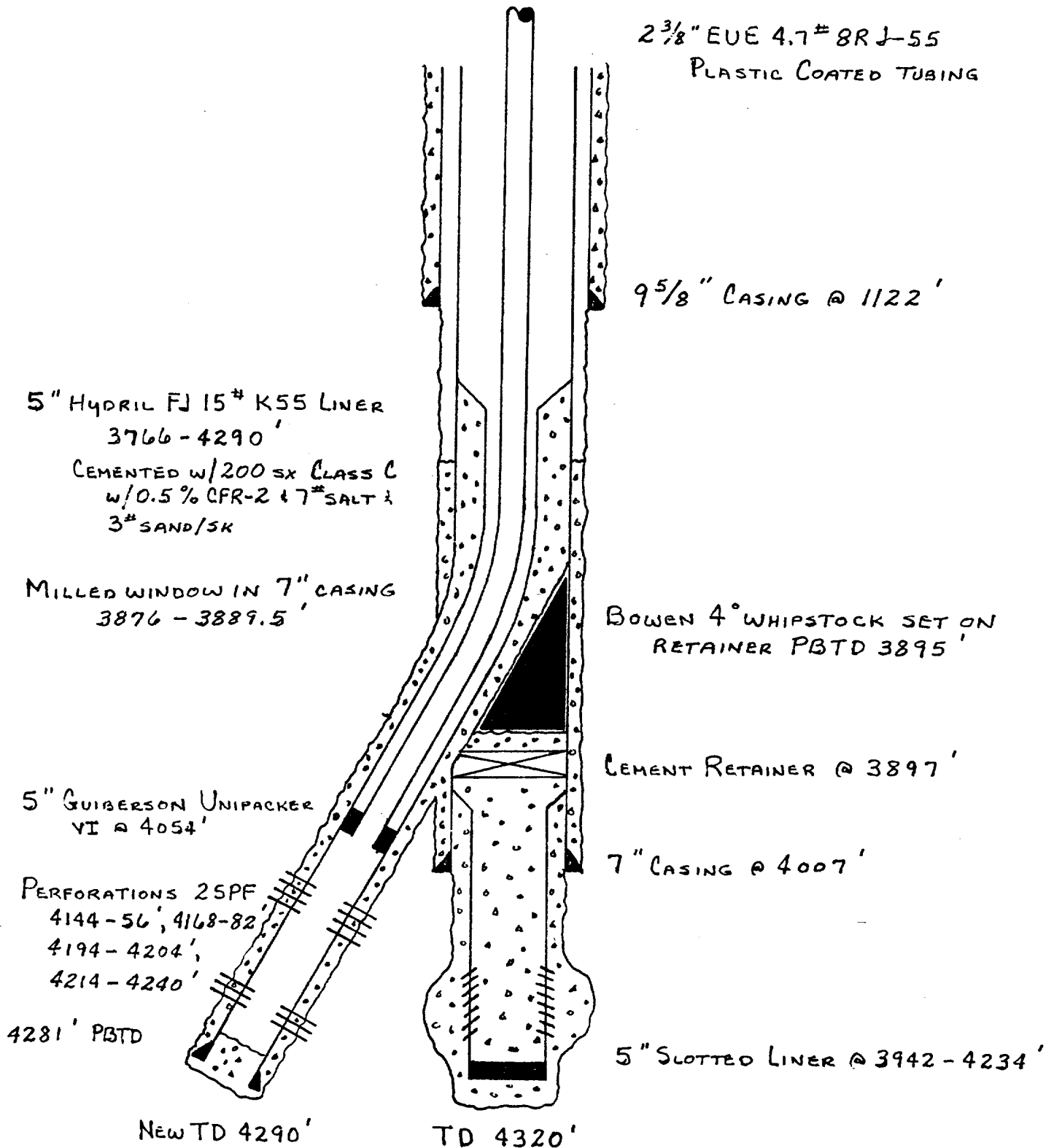
cc: SEE ATTACHED ADDRESS LIST

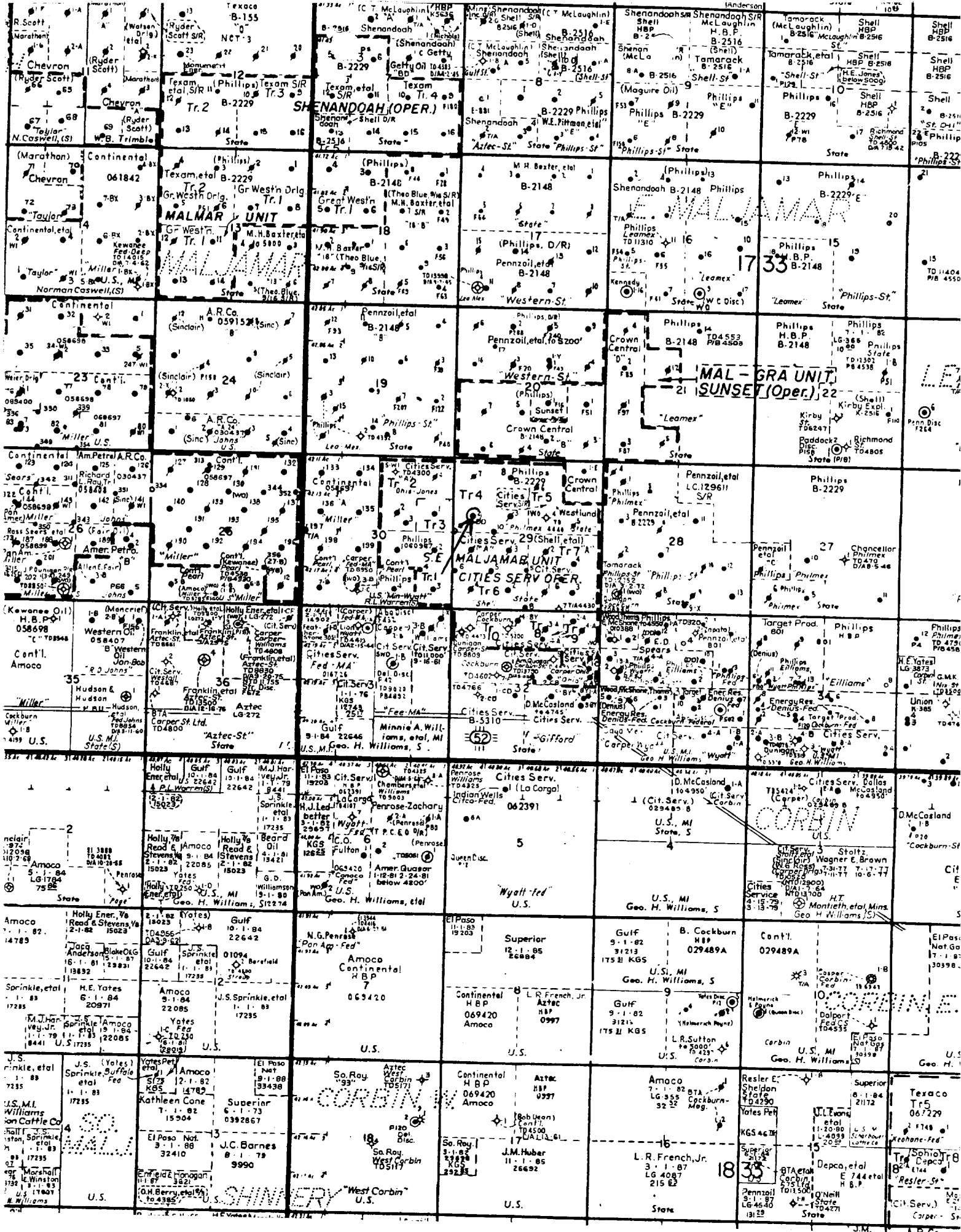
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**OIL CONSERVATION COMM.
Rivers, E. H.**

CITIES SERVICE COMPANY
S.E. MALJAMAR GBSAU #402W
RECOMPLETION SCHEMATIC





UNIT LETTER	102W	104	203	204	301W	403W	407W	408	409
Sec-Twp-Rge	I	I	G	A	H	F	D	C	E
Casing Size	30-17S-33E	30-17S-33E	30-17S-33E	30-17S-33E	30-17S-33E	29-17S-33E	29-17S-33E	29-17S-33E	29-17S
Depth Set	8-5/8"	8-5/8"	8-5/8"	8-5/8"	8"	8-5/8"	8-5/8"	8-5/8"	8-5/8"
Cement (sacks)	1215'	1305'	1181'	1241'	1160'	1225'	320'	320'	1300'
Top of Cement	550	650	50	50	100	550	325	350	650
Casing Size	Surface	Surface	Not Known	Not Known	Surface	Surface	Surface	Surface	Surface
Depth Set	5-1/2"	5-1/2"	7"	5-1/2"	7"	5-1/2"	5-1/2"	5-1/2"	5-1/2"
Cement (sacks)	3959'	4349.98'	3927'	4039'	3915'	4018.5'	4559'	4564'	4359'
Top of Cement	350	550	100	100	150	300	250	250	3350
Liner Size	3700'	4170'	Not Known	Not Known	Surface	Not Known	2800'	3250'	2320'
Depth Set			5"	4"					
Cement (sacks)			3798-4227'	3945-4295'					
Tubing Depth	3858'	4308'	3540'	3664'	3761'	3950'	3948'	4310'	4331'
Prod. Interval	3959-4267'	4184-4306'	4132-4189'	4039-4407'	3915-4274'	4019-4300'	3968-4472'	4022-4528'	4296-4
Total Depth	4267'	4350'	4278'	4407'	4285'	4300'	4560'	4565'	4359'

UNIT LETTER	410	504	506W	601W	603W	604W	605	606
Sec-Twp-Rge	F	G	B	L	K	M	K	M
Casing Size	29-17S-33E	29-17S-33E	29-17S-33E	29-17S-33E	29-17S-33E	29-17S-33E	29-17S-33E	29-17S-33E
Depth Set	8-5/8"	8-1/4"	8-5/8"	8-5/8"	8-5/8"	8-5/8"	Not Known	8-5/8"
Cement (sacks)	1316'	1270'	303'	1265'	1260'	1260'	Not Known	833'
Top of Cement	650	400	200	50	50	50	Not Known	400
Casing Size	Surface	Not Known	Surface	Not Known	Not Known	Not Known	Not Known	Surface
Depth Set	5-1/2"	5-1/2"	5-1/2"	7"	7"	7"	7"	5-1/2"
Cement (sacks)	4343'	4356'	4508'	3960'	3950'	3939'	4000'	4292'
Top of Cement	2350	75	250	75	75	75	Not Known	435
Liner Size	2320'	Not Known	Not Known	Not Known	Not Known	Not Known	Not Known	2020'
Depth Set				4-1/2"	4-1/2"		3840-4189'	
Cement (sacks)				3809-4253'	3724-4115'		236	
Tubing Depth	4304'	4223'	4059'	3868'	4071'	3901'	4060'	4260'
Prod. Interval	4168-4340'	4098-4316'	4110-4440'	3960-4272'	3950-4300'	3939-4302'	4189-4320'	4224-4271'
Total Depth	4377'	4440'	4498'	4272'	4300'	4302'	4320'	4292'

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CITIES SERVICE COMPANY
ENERGY RESOURCES GROUP

Box 1919
Midland, Texas 79702
(915) 684-7131

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Address List Attached

Gentlemen:

Cities Service Company is requesting administrative approval to convert to water injection its Southeast Maljamar Grayburg-San Andres Unit #402, located 1980' from the North line and 660' from the West line of Section 29, Township 17S, Range 33E, Lea County, New Mexico. We are advising you of our application since you are an off-set operator of our lease.

Yours very truly

E. Y. Wilder
Region Operations Manager
Southwest Region
E & P Division

EYW:RHS:sl

cc: New Mexico Oil Conservation Div.
Santa Fe, NM

New Mexico Oil Conservation Div.
Hobbs, NM

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OIL COMPANY
P.O. BOX 1000
HOUSTON, TEXAS

Address List for Southeast Maljamar Grayburg-San Andres Unit #402

Pennzoil Co.
Drawer 1828
Midland, TX 79702

Continental Oil Co.
Box 1959
Midland, TX 79702

Mrs. Cockburn
P.O. Box 408
Artesia, NM 88210

Phillips Petroleum Co.
4001 Penbrook
Odessa, TX 79762

Mr. E. D. Spears
P.O. Box 1589
Hobbs, NM 88240

Crown Central Petroleum Corp.
1002 Wilco Bldg.
Midland, TX 79701

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**OIL CONSERVATION COMM.
HOBBS, N. M.**