



CITIES SERVICE COMPANY
ENERGY RESOURCES GROUP

Box 1919
Midland, Texas 79702
(915) 685-5600

November 6, 1980

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

Re: Request for administrative
approval to convert
Southeast Maljamar Gray-
burg San Andres Unit #504
from an oil well to a *J. 2#4*
water injection well.

Gentlemen:

Cities Service Company respectfully requests administrative approval to convert to water injection its Southeast Maljamar Grayburg-San Andres Unit #504, located 1980' from the North line and 1980' from the East 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.

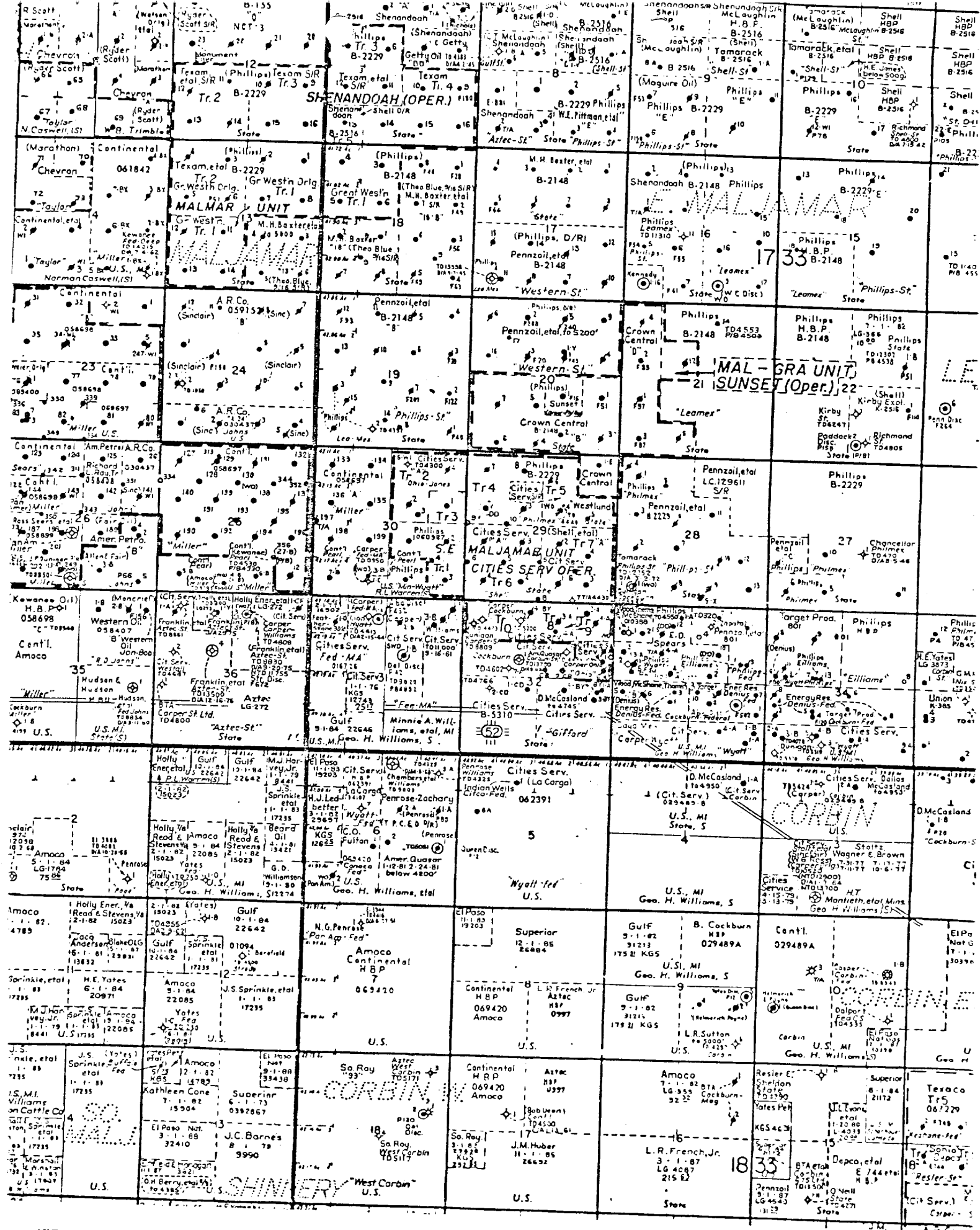
Yours very truly,

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

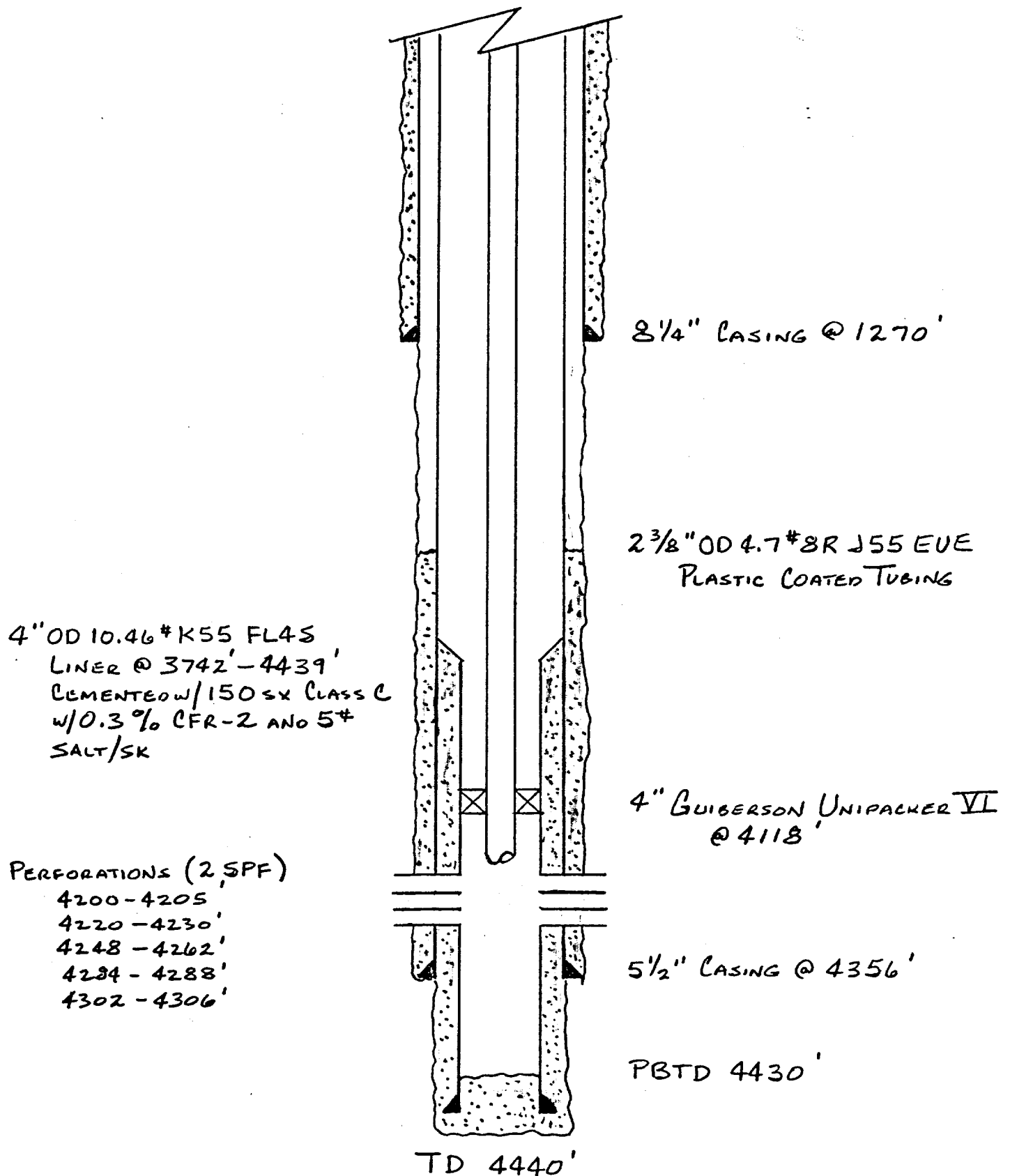
EYW:JME:sl

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

cc: SEE ATTACHED ADDRESS LIST

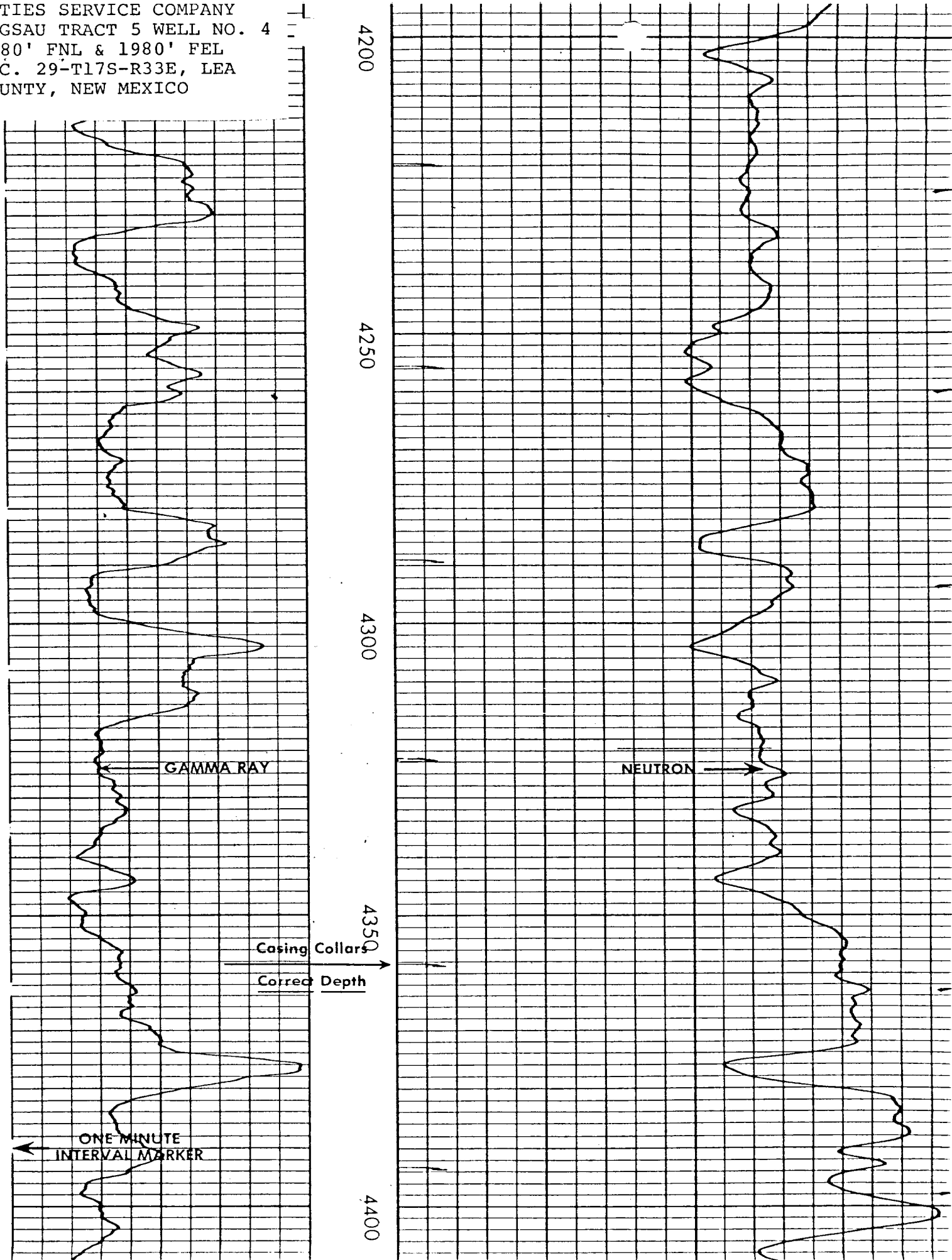


ITIES SERVICE COMPANY
S.E. MALAMAR UNIT #504W
RECOMPLETION SCHEMATIC



DRAWN BY: GARY THOMPSON

CITIES SERVICE COMPANY
SMGSAU TRACT 5 WELL NO. 4
1980' FNL & 1980' FEL
SEC. 29-T17S-R33E, LEA
COUNTY, NEW MEXICO





CITIES SERVICE COMPANY
ENERGY RESOURCES GROUP

Box 1919
Midland, Texas 79702
(915) 685-5600

November 6, 1980

Address List Attached

Gentlemen:

Cities Service Company is requesting administrative approval to convert to water injection its Southeast Maljamar Grayburg-San Andres Unit #504, located 1980' from the North line and 1980' from the East line of Section 29, Township 17S, Range 33E, Lea County, New Mexico. We are advising you of our application since you are an offset operator of our lease.

Yours very truly,

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

EYW:JME:sl

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

cc: New Mexico Oil Conservation Div.
Hobbs, NM

Address List for Southeast Maljamar Grayburg-San Andres Unit #504

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

	102W	104	203	204	301W	402W	403W	407W	408	409
	I	I	G	A	H	E	F	D	C	E
UNIT LETTER	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-33E	29-17S-33E
Sec-Twp-Rge	8-5/8"	8-5/8"	8-5/8"	8-5/8"	8"	9-5/8"	8-5/8"	8-5/8"	8-5/8"	8-5/8"
Casing Size	1215'	1305'	1181'	1241'	1160'	1122'	1225'	320'	320'	1300'
Depth Set	550	650	50	50	100	650	550	325	350	650
Cement (sacks)	Surface	Surface	Not Known	Not Known	Surface	Surface	Surface	Surface	Surface	Surface
Top of cement	5½"	5½"	7"	Not Known	7"	7"	5½"	5½"	5½"	5½"
Casing Size	3959'	4349.98'	3927'	4039'	3915'	4007'	4018.5'	4559'	4564'	4359'
Depth Set	350	550	100	100	150	250	300	250	250	3350
Cement (sacks)	3700'	4170'	Not Known	Not Known	Surface	Not Known	Not Known	2800'	3250'	2320'
Top of cement										
Liner Size			5"	4"		5"				
Depth Set			3798-4227'	3945-4295'		3766-4290'				
Cement (sacks)			40	63		200				
Tubing Depth	3858'	4308'	3540'	3664'	3761'	4054'	3950'	3948'	4310'	4331'
Prod. Interval	3959-4267'	4184-4306'	4132-4189'	4039-4407'	3915-4274'	4144-4240'	4019-4300'	3968-4472'	4022-4528'	4296-4326'
Total Depth	4267'	4350'	4278'	4407'	4285'	4290'	4300'	4560'	4565'	4359'

	410	506W	601W	603W	604W	605	606
	F	B	L	K	M	K	M
UNIT LETTER	29-17S-33E	29-17S-33E	29-17S-33E	29-17S-33E	29-17S-33E	29-17S-33E	29-17S-33E
Sec-Twp-Rge	8-5/8"	8-5/8"	8-5/8"	8-5/8"	8-5/8"	Not Known	8-5/8"
Casing Size	1316'	303'	1265'	1260'	1260'	Not Known	833'
Depth Set	650	200	50	50	50	Not Known	400
Cement (sacks)	Surface	Surface	Not Known	Not Known	Not Known	Not Known	Surface
Top of cement	5½"	5½"	7"	7"	7"	7"	5½"
Casing Size	4343'	4508'	3960'	3950'	3939'	4000'	4292'
Depth Set	2350	250	75	75	75	Not Known	435
Cement (sacks)	2320'	Not Known	Not Known	Not Known	Not Known	Not Known	2020'
Top of cement							
Liner Size			4½"	4½"		5"	
Depth Set			3809-4253'	3724-4115'		3840-4189'	
Cement (sacks)			200	200		236	
Tubing Depth	4304'	4059'	3868'	4071'	3901'	4060'	4260'
Prod. Interval	4168-4340'	4110-4440'	3960-4272'	3950-4300'	3939-4302'	4189-4320'	4224-4271'
Total Depth	4377'	4498'	4272'	4300'	4302'	4302'	4292'