√Ph. 505-622-1299

OIL CONSERVATION DIVISION RECEIVED



191 007 29 AM 9 27 JERRY W. LONG

October 25, 1991

DIRECTOR
Department of Energy and Minerals
Oil Conservation Division
P.O. Box 2088
Santa Fe, New Mexico 87501-2088

Re: Application for Unorthodox Oil Locations AVON ENERGY CORPORATION Turner "B" Waterflood Project

Gentlemen:

You are respectfully requested to grant administrative approval for unorthodox locations for infill producing wells within the Turner "B" Waterflood Project, at the following locations:

No.6 Max Friess "MA" - 1270'FNL, 1460'FEL, Sec.30-17S-31E No.7 Max Friess "MA" - 2610'FNL, 1460'FEL, Sec.30-17S-31E

These wells will be drilled to about 4900' to produce from the Grayburg-San Andres formation. The wells will be drilled at the unorthodox locations, in order to prevent waste by developing an efficient production and injection pattern within the State-approved Turner "B" Waterflood Project. Avon Energy Corporation is drilling these wells to earn acreage from Socorro Petroleum Company, within portions of the Turner "B" Waterflood Project.

Socorro Petroleum Company is the working interest owner of all off-set proration units, except the E/2NW/4 of Sec.30-17S-31E. The working interest owner and operator of the E/2NW/4 of Sec.30 is Jack Plemons, Box 25, Loco Hills, New Mexico.

Enclosed are copies of the well location plats, Application to Drill, and a map indicating lease ownership and locations of off-set Grayburg wells. The information in this request is accurate to the best of my knowledge.

A copy of this Application has been mailed to Jack Plemons and Socorro Petroleum Company, by Certified Mail, and a request for a waiver for the unorthodox locations under Rule 104.F.IV. A copy has also been sent to the Bureau of Land Management.

Sincerely yours

JERRY W./LONG

Permit Agent for:

AVON ENERGY CORPORATION

Form 3100-3 (November 1983) (formerly 9-331C)

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES DEPARTMENT OF THE INTERIOR

SUBMIT IN TRIPLICATE*

(Other instructions on reverse side)

Form approved. Budget Buresu No. 1004-0136 Expires August 31, 1985

5. LEASE DESIGNATION AND BERIAL NO.

	BUREAU OF	LAND MANAC	SEMEN	IT		LC-065014	
APPLICATION	FOR PERMIT T	O DRILL, I	DEEPE	N, OR PLUG E	ACK	6. IF INDIAN, ALLOTTEE	OR TRIBE NAME
DRI b. TYPE OF WELL	LL 🗵	DEEPEN [PLUG BA	CK 🗆	7. UNIT AGREEMENT NA	XXX
OIL X	S OTHER IN	-FILL WELL	81 20	NGLE X MULTIP	rr .	8. FARM OF LEASE NAM	· D
2. NAME OF OPERATOR				Ph.505-677-3	223	Max Friess "	MA"
	AVON ENERGY CORP	ORATION				9. WELL NO.	
3. ADDRESS OF OPERATOR I	P.O. Box 38					6	<u> </u>
I	Loco Hills, New	Mexico 882	55	,		10. FIELD AND POOL, O	R WILDCAT
4. LOCATION OF WELL (Re At surface	eport location clearly and	in accordance wit	h any S	tate requirements.*)		Grayburg-Jac	
1270 FNL, 14		0-17S-31E		(UNIT B) (NWNE)	!	11. SEC., T., R., M., OR E AND SURVEY OR AR	elk. Ea
	Same			•		Sec.30-17S-3	
	AND DIRECTION FROM NEAR					12. COUNTY OR PARISH	18. STATE
4.5 miles sou	utheast of Loco	Hills, New			1 12	Eddy	N.M.
LOCATION TO NEAREST PROPERTY OR LEASE L	•		16. NO	O. OF ACRES IN LEASE		OF ACRES ASSIGNED	
(Also to nearest drig	r. unit line, if any) 1		40				
18. DISTANCE FROM PROP TO NEAREST WELL, D	OBED LOCATION* RILLING, COMPLETED,		ì	OPOSED DEPTH	20. ROTA	RY OR CABLE TOOLS	
OR APPLIED FOR, ON THE		900'	3.	700'	Ro	tary 22. Approx. DATE WO	DAY MALL DON'T DON'T
21. ELEVATIONS (Show who	emer Dr. RI, GR. etc.)	•					
3592' GR		···· <u>au ·······</u>				As Soon As Po	ssible
		PROPOSED CASI	NG ANI	CEMENTING PROGRA	М	•	•
SIZE OF HOLE	BIZE OF CASING	WEIGHT PER F	OOT	SETTING DEPTH	T	QUANTITY OF CEMEN	T
17-1/2"	12-1/4"	42#		350'±	500 s	x Class C (Circ	culate)
11-7/8"	8-5/8"	24#		.1400'±		x LW+200 sx Cl.	
7-7/8"	5-1/2"	15.5#		3700'		x LW+1000 sx Cl	
San Andres Circulate tively per 15% NeFe. See attack	cement on above rforate favorable Sand frac form hed Drilling date of the design of th	e casing st le zones. nation and ta and Surf	rings Run : test	aterflood Projects to isolate al 2-7/8" tubing a to tank. Use Plan.	ct. l poro: nd trea	sity zones. Seat formation wi	elec- ith
SIGNED JERR		TIVE TO	rle P	ermit Agent		Octobe	r 10, 1991
(This space for Fede	ray or State office use)	1		APPROVAL DATE			
ADDRAUED DV							

Submit to Appropriate District Office State Lease - 4 copies Fee Lease - 3 copies

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-102 Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT II P.O. Drawer DD, Artesia, NM 88210

DISTRICT I P.O. Box 1980, Hobbs, NM 88240

DISTRICT III 1000 Rio Brazos Rd., Aziec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator			. , , , , , ,	ances most be	Leise					·	Well No.	·
Avon		gy Corpo				Max	Friess	"MA"			6	
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3592		Grayburg	-San Andr	es	Gr	avbı	urg-Jack	son		j	40	Acres
1. Outline	e the ac		to the subject we									Neites.
2. If more	e than o	ne lease is ded	icated to the well,	outline each and	identify th	two s	ership thereof	(both as to w	orki	ng interest and re	ovalty).	
SI	NGLE	LEASE	,									
3. II mon	e than c	ne lease of diff ree-pooling, etc	ferent ownership i	s dedicated to the	well, have	the in	iterest of all or	wners been co)II 50	lidated by comm	unitization,	
	Yes			nswer is "yes" typ	∞ of conso	lidatio	n	NA				
If answer	is "no"	list the owner	s and tract descrip	tions which have	actually be	en co	nsolidated. (U	se reverse sic	le of	ſ		
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or until a	gote wi	il be assigned to	o the well until al ninating such inte	l interests have be	cen consoli	dated (Ka Dis	(by communiti	ization, unitiz	atio	n, forced-pooling	, or otherwise). [
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Form 3160-3 (November 1983) (formerly 9-331C)

UNITED STATES DEPARTMENT OF THE INTERIOR

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved. Budget Bureau No. 1004-0136 Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

	BUREAU OF		LC-065014					
APPLICATION	Y FOR PERMIT	TO DRILL, D	DEEPE	N, OR PLUG E	BACK	6. IF INDIAN, ALLOTTEE	OR TRIBE NAME	
1a. TYPE OF WORK	LL 🛛	DEEPEN [7	PLUG BA	—-—- СК □	7. UNIT AGREEMENT N.	YKA	
b. TYPE OF WELL			_	1200 571	···			
	AS OTHER I	N-FILL WELL	SIN ZON	GLE X MULTIN	PLE	8. FARM OR LEASE NAM	(2)	
2. NAME OF OPERATOR				Ph.505-677-3	223	Max Friess "MA"		
	AVON ENERGY COR	PORATION				9. WELL NO.		
3. ADDRESS OF OPERATOR		7						
:		10. FIELD AND POOL, O	R WILDCAT					
4. LOCATION OF WELL (R At surface	Grayburg-Jac	ckson						
2610'FNL, 146	0'FEL, Sec.30-)	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA					
At proposed prod. zon	Same		Sec.30-17S-3	31E				
14. DISTANCE IN MILES	AND DIRECTION FROM NEA	AREST TOWN OR POS	COFFICE.			12. COUNTY OR PARISH	18. STATE	
4.5 miles so	utheast of Loco	Hills, New	Mexi	co		Eddy	N.M.	
15. DISTANCE FROM PROP LOCATION TO NEARES PROPERTY OR LEASE 1	r Line, ft.	201		OF ACRES IN LEASE		OF ACRES ASSIGNED HIS WELL		
(Also to nearest dri	g. unit line, if any)	30'		60 POSED DEPTH	20 2074	40 ARY OR CABLE TOOLS		
TO NEAREST WELL, D OR APPLIED FOR, ON TH	RILLING, COMPLETED,	900'		00'	1	tary		
21. ELEVATIONS (Show wh						22. APPROX. DATE WO	RK WILL START*	
3605' GR	,	,				As Soon As Po	ossible	
23.		PROPOSED CASI	NG AND	CEMENTING PROGRA	м			
SIZE OF HOLE	BIZE OF CABING	WEIGHT PER FO	TOC	SETTING DEPTH		QUANTITY OF CEMEN	(T	
17-1/2"	500 s	x Class C (Circ	culate)					
11-7/8"	600 s	x LW+200 sx C1.	C (Circ)					
7-7/8"	250 s	x LW+1000 sx Cl	.C (Circ)					
	•	•	•		•			

Propose to drill to 3700'± and complete as an in-fill non-standard Grayburg-San Andres producer in the Turner "B" Waterflood Project.

Circulate cement on above casing strings to isolate all porosity zones. Selectively perforate favorable zones. Run 2-7/8" tubing and treat formation with 15% NeFe. Sand frac formation and test to tank.

See attached Drilling data and Surface Use Plan.

14.	in		
SIGNED JERRY	W LONG	Permit Agent	DATE October 10, 1991
(This space for Federal		1	
PERMIT NO.	1	APPROVAL DATE	

Submit to Appropriate District Office State Lease - 4 copies Fee Lease - 3 copies

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-102 Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

PISTRICT II P.O. Drawer DD, Artesia, NM 88210 <u>PISTRICT III</u> 1000 Rio Brazos Rd., Aziec, NM 87410

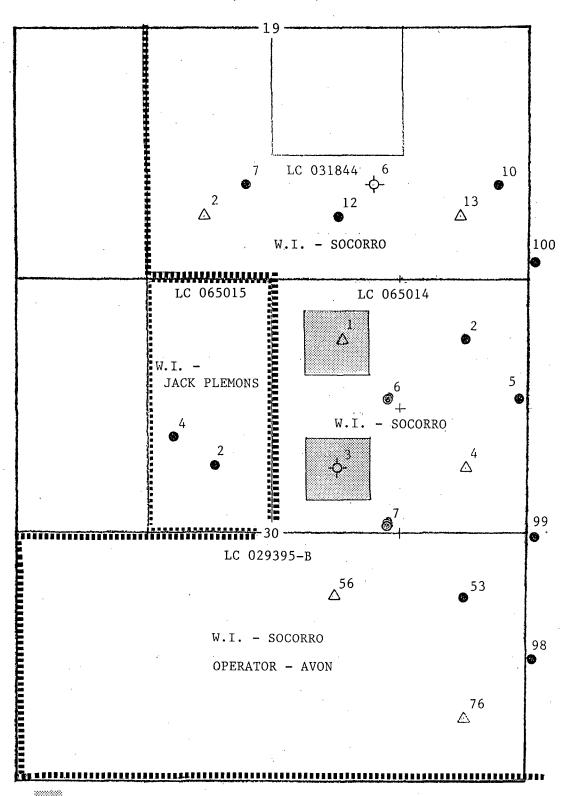
DISTRICT J P.O. Box 1980, Hobbs, NM 88240

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

herator					Lease						Well No.
Avon E	nergy	Corpora	ation			Max 1	Friess "MA"	•			7
Init Letter	Section		Township		Range					County	
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Ctual Footage Loca	ation of				_1	~					
2610	feet fre	2111 410	rth	line and			1460	feet fr	om	vic East	line -
fround level Elev.		Producing	Formation		Pool						Dedicated Acreage:
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1. Outline	e the acr	cage dedicated	to the subject v	hell ph colored be	ncil or ha	chuie n	arks on the plat belo	Jw.			
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OWNERSHIP MAP (GRAYBURG)



STANDARD LOCATION

O PROPOSED LOCATION

△ INJECTION WELL

ITTURNER "B" WATERFLOOD

JACK PLEMONS LEASE

P 664 415 911

Certified Mail Receipt

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

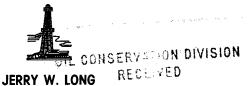
	Sent to	
	JACK PLEMONS	
	Street & No.	
	BOX 25	
	P.O., State & ZIP Code	
	LOCO HILLS, N.M.	88255
	Postage	\$ 52
	Certified Fee	1.00
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P 664 475 475 **Certified Mail Receipt**

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

	POSTAL SERVICE (
	Sent toSOCORRO PETROI	
	c/o Mr. Wyatt Fer	nder
	Street & No.	
	P.O. Drawer 3268	
- [P.O., State & ZIP Code	_
	Midland, TX 7970)
	Postage	\$ 5
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Fold at line over top of envelope to the right of the return address.



CONSULTANT 191 4 AM 9 N 30 ember 1, 1991

DIRECTOR
Department of Energy and Minerals
Oil Conservation Division
P.O. Box 2088
Santa Fe, New Mexico 87501-2088

Re: Application for Unorthodox Oil Locations AVON ENERGY CORPORATION Turner "B" Waterflood Project

Gentlemen:

You are respectfully requested to grant administrative approval for unorthodox locations for infill producing wells within the Turner "B" Waterflood Project, at the following locations:

No.101 Turner "B" - 990'FNL, 1150'FWL, Sec.20, T.17S., R.31E. No.102 Turner "B" - 990'FNL, 2590'FWL, Sec.20, T.17S., R.31E. No.103 Turner "B" - 1300'FNL, 1370'FEL, Sec.20, T.17S., R.31E.

These wells will be drilled to about 4900' to produce from the Grayburg-San Andres formation. The wells will be drilled at the unorthodox locations, in order to prevent waste by developing an efficient production and injection pattern within the State-approved Turner "B" Waterflood Project. Avon Energy Corporation is drilling these wells to earn acreage from Socorro Petroleum Company, within portions of the Turner "B" Waterflood Project.

Enclosed are copies of the well location plats, Application to Drill, and a map indicating lease ownership and locations of off-set Grayburg wells. The information in this request is accurate to the best of my knowledge.

Socorro Petroleum Company is the working interest owner of all off-set proration units. A copy of this Application has been mailed to Socorro Petroleum Company, by Certified Mail, and a request for a waiver for the unorthodox locations under Rule 104.F.IV. A copy has also been sent to the Bureau of Land Management.

Sincerely yours,

Permit Agent for:

AVON ENERGY CORPORATION

Form 3160-3 (November 1983) (formerly 9-331C)

- Diamenton

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved. Budget Bureau No. 1004-0136 Expires August 31, 1985

5. LEASE DESIGNATION AND BERIAL NO.

UNITED STATES DEPARTMENT OF THE INTERIOR

E-13

,	BUREAU OF	LAND MANAG	EMEN	IT E ()	ļ	LC 029395-B
APPLICATION	V FOR PERMIT	O DRILL, D	EEPE	N, OR PLUG B	ACK	G. IF INDIAN, ALLOTTER OR TRIBE NAME
1a. TYPE OF WORK	LL 🗓	DEEPEN [PLUG BAC		7. UNIT AGREEMENT HAME
	AB []	TN. ETT LIEFT	. 81	NGLE X MULTIPE		S. FARM OR LEASE NAME
2. NAME OF OPERATOR	ELL OTHER	IN-FILL WELI				Turner "B"
	AVON ENERGY COR	PORATION	,	Ph.505-677-3223		9. WELL NO.
3. ADDRESS OF OPERATOR	P.O. Box 38					101
4 TOGUNDA OF PUTE (D	Loco Hills, New eport location clearly and	Mexico 882	55	4-14		10. FIELD AND POOL, OR WILDCAT
At surrace	•		пипуы	•		Grayburg-Jackson 11. sec., T., R., M., OR BLE.
990 FNL 11	50'FWL, Sec.20	-17S-31E		(UNIT D)		AND BURVEY OR AREA
	Same			(WWW)		Sec.20-17S-31E
	AND DIRECTION FROM NEA					12. COUNTY OR PARISH 13. STATE
5.3 air mile	s ENE of Loco H	ills, New M			18	Eddy N.M.
LOCATION TO NEARES'	I INE ET	11501		. OF ACRES IN LEASE		F ACRES ASSIGNED
(Also to pearest drig	z. unit line, if any)	1150'		786.15	20 2024	40 RY OR CABLE TOOLS
TO NEAREST WELL, D OR APPLIED FOR, ON TH	RILLING, COMPLETED,	800'±		700'		
21. ELEVATIONS (Show wh	ether DF, RT, GR, etc.)			700	KOU	22. APPROX. DATE WORK WILL START
3655.6 GL		·			•	As Soon As Possible
23.	1	PROPOSED CASIN	G AND	CEMENTING PROGRA	M }	No Water Basin
SIZE OF HOLE	BIZE OF CABING	WEIGHT PER FO	от	SETTING DEPTH		QUANTITY OF CEMENT
12-1/4"	8-5/8"		<u>-55</u>	600'±		Class C(Circulate)
7-7/8"	<u>5-1/2"</u>	15.5# K	-55	3700 ' ±		Class C + 600 sx Lite Back To $8-5/8$ ")
·			·		(rre r	Sack 10. 6-5/6 /P garages
				plete as an in-: he unorthodox l		
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isolate a	ll porosity zor	es. Select	ivel	y perforate fav	orable	Graybur
zones.	•					ALS TO
Run 2-7/8	" tubing to per	forations a	nd t	reat formation	with l'	5Z HCL.
Sand-frac	formation and	test to tan	ks.			N 2 2
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See attac	hed <u>Drilling Da</u>	ita and Surf	ace	Use Plan.	•	TO DESCRIPTION OF THE PROPERTY
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PERMIT NO.		-	The	APPROVAL DATE		
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GENERAL REQUI	REMENTS AND					
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Submit to Appropriate District Office State Lease - 4 copies Fee Lease - 3 copies

Energy, Minerals and Natural Resources Department

Form C-102 Revised 1-1-89

<u>DISTRICT 1</u> P.O. Box 1980, Hobbs, NM 88240

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT II P.O. Drawer DD, Artesia, NM 88210

DISTRICT III 1000 Rio Bizzos Rd., Aziec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

:		All Dista	inces must be	from the outer	boundaries of	the section		
স্থান্দলি Avon	Energy Co	rporation		Turn	er "B" I	ederal		พลา No. 101
Jnit Letter	Section	Township		Range			County	
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Form 3160-3 (November 1983) (formerly 9-331C)

SUBMIT IN TRIPLICATE. CARLSBAMother instructions on reverse side)

Form approved. Budget Bureau No. 1004-0136 Expires August 31, 1985

	DEPARTMENT	OF THE IN	ITER	TOR E-1H		5. LEASE DESIGNATION	AND BERIAL NO.
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3. ADDRESS OF OPERATOR	AVON ENERGY COR	PORATION				102	
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SPECIAL STIPULA	•	<i>t</i>					
ATTACHED	iiioiid	*See Instru	ctions	On Reverse Side	Nos	REC'D: 1-1	7-91

Submit to Appropriate District Office State Lease - 4 copies Fee Lease - 3 copies

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-102 Revised 1-1-89

DISTRICT 1 P.O. Box 1980, Hobbs, NM 88240

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT II P.O. Drawer DD, Artesia, NM 88210

.

DISTRICT III 1000 Rio Brazos Rd., Aziec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT
All Distances must be from the outer boundaries of the section

Operator							Lease						Well No.	
Avon					ion			Turr	ner "B'	' Feder	al		102	
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(formerly 9-331C)

UNITED STATES (Other Instructions on reverse side) DEPARTMENT OF THE INTERIOR

Form approved. Budget Bureau No. 1004-0136 -Expires August 31, 1985

5. LEANE DESIGNATION AND BERIAL NO.

6-15

	BUREAU OF	LAND MANAGE	MEN	T E		LC 029395-B
APPLICATION	Y FOR PERMIT	O DRILL DI	EEPE	N, OR PLUG B	ACK	G. IF INDIAN, ALLOTTER OR TRIBE NAME
Is. TYPE OF WORK	· · · · · · · · · · · · · · · · · · ·			.,		
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WELL LAJ W	ELL OTHER	IN-FILL WELL	817 701	OLE X MULTIPL	·• 🗆	S. FARM OR LEASE NAME
2. NAME OF OPERATOR	· · · · · · · · · · · · · · · · · · ·		F	h.505-677-3223		Turner "B"
7 4000000000000000000000000000000000000	AVON ENERGY COR	PORATION		·		9. WELL NO. 103
3. ADDRESS OF OPERATOR						10. FIELD AND POOL, OR WILDCAT
4. LOCATION OF WELL (R	Loco Hills, New eport location clearly and	Mexico 8825	any Si	tate requirements.*)		Grayburg-Jackson
At surace	•	•	Ť		>	11. SEC., T., B., M., OR BLK.
13/U FNL At proposed prod. zor	1370'FEL, Sec	.20-1/5-31E		(UNI		AND SURVEY OR AREA
proposed prod. ac.	Same			(SWN	E)	Sec.20-17S-31E
14. DISTANCE IN MILES	AND DIRECTION FROM NEA	REST TOWN OR POST	OFFICE	•		12. COUNTY OR PARISH 13. STATE
	s ENE of Loco H				,	Eddy N.M.
15. DISTANCE FROM PROPE LOCATION TO NEARES	•	1	16. NO.	OF ACRES IN LEASE	17. NO. C	OF ACRES ASSIGNED
PROPERTY OR LEASE 1	r. unit line, if any)	1370'		86.15		40
13. DISTANCE FROM PROP TO NEAREST WELL, D	OSED LOCATION* RILLING, COMPLETED,			DIOSED DEPTH	20. ROTA	RY OR CABLE TOOLS
OR APPLIED FOR, ON TH	IS LEASE, FT.	850'±	37	'00 '	Rot	tary
21. ELEVATIONS (Show wh	ether DF, RT, GR, etc.)					22. APPROX. DATE WORK WILL START
3691' GL		·				As Soon As Possible
23.		PROPOSED CASING	AND	CEMENTING PROGRA	M 1	No Water Basin
SIZE OF HOLE	BIZE OF CASING	WEIGHT PER FOO	T	SETTING DEPTH		QUANTITY OF CEMENT
12-1/4"	8-5/8"		-55_	600 ' ±		x Class C(Circulate)
7-7/8"	5-1/2"	15.5# K-	-55	3700'±		x Class C + 600 sx Lite
					(Tie	Back To 8-5/8")
Grayburg Set 5-1/2 isolate a zones. Run 2-7/8 Sand-frac See attac The surfa	producer. State of production can be production can be production and ched Drilling Date of grazing less	te approval of asing to TD, nes. Select: rforations and test to tank ata and Surfices and Surf	cemeively nd t ks. ace	ised of the pro	ocationicient orable with 1 posed	n is pending. cement to Grayburg ARCA EE 5% HCL. ARCA 9 CONTROL OF THE CONTRO
zone. If proposal is to preventer program, if an 24.	drill or deepen direction	ally, give pertinent	data c	ermit Agent	nd measure	ed and true vertical depths. Give blowou
(This space for Fed	RRY W. LONG eral or state office use)					
PERMIT NO.				APPROVAL DATE		
APPROVED BY	Land M.	S-mar A - =		area manager Carlsbad Resource Ares		3-8-91
APPROVAIL SUBJECT	ANTOL WAX:	TIT	UB	The second state		DATE
GENERAL REQUIRE						
SPECIAL STIPULATI	שייייים ניידיה				.1	- 1.91
ATTACHED	Y DAI	*See Instruc	tions	On Reverse Side	NOS	REC'D: 1-17-91

Form 3160-5 (June 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

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

	Expires:	M	ırcn	31,1	773	
Lease	Designat	ion	and	Seri	al No	٥.

6. If Indian, Allottee or Tribe Name

	•	
LC	029395-B	

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	7. If Unit or CA, Agreement Designation
1. Type of Well Soil Well Well Other		Turner "B" Waterflood 8. Well Name and No.
3 Address and Tolombons No.	ORPORATION DI 505 677 202	Turner "B" No.103 9. API Well No.
Loco Hills, N	Ph.505-677-322 ew Mexico 88255	10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T., R., M., or Survey D 1300 FNL, 1370 FEL, Sec. 20-		Grayburg-Jackson 11. County or Parish, State Eddy County, N.M.
12. CHECK APPROPRIATE BOX	(s) TO INDICATE NATURE OF NOTICE, R	EPORT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF AC	TION
Notice of Intent Subsequent Report Final Abandonment Notice	Abandonment Recompletion Plugging Back Casing Repair Altering Casing Other	Change of Plans New Construction Non-Routine Fracturing Water Shut-Off Conversion to Injection Dispose Water (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

Propose to:

- 1. Amend location to above footage, due to requirements of farm-out contract.
- 2. Change proposed depth to 4900' Grayburg-San Andres.
- 3. Set 5-1/2" casing to TD, with cement back to 8-5/8" casing.
- 4. Orient rig as in attached plat.
- 5. Power will be obtained from adjacent CVE line.

SEE ASC REPORT #91-195

6. Construct 2" steel production flow line on surface to the tank battery. Routed as indicated on attached map.

ASC has conducted an Arch. review of the amended location and flow line route.

Remainder of Surface Use and Operations Plan will remain as previously approved.

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

DISTRICT I P.O. Box 1980, Hobbs, NM 88240 OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT II P.O. Drawer DD, Anesia, NM 88210

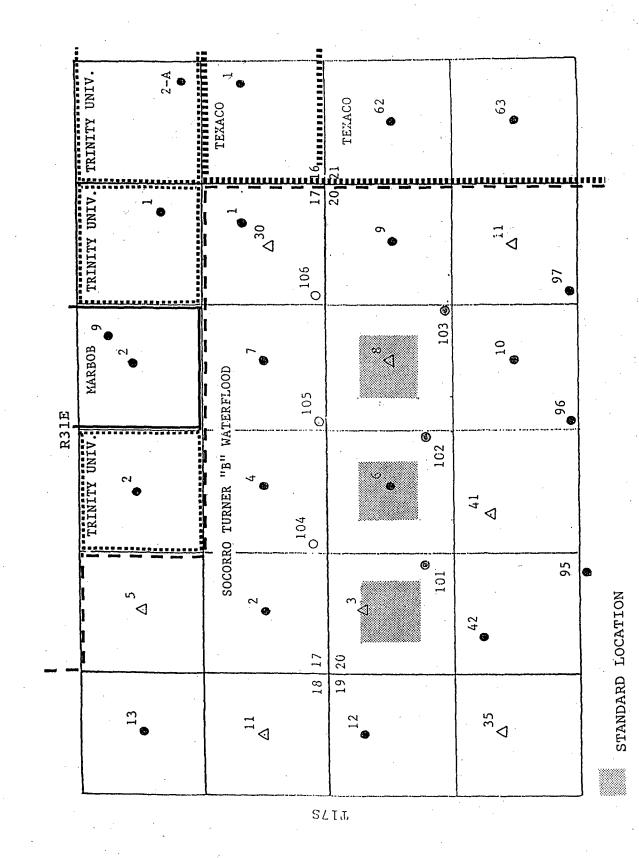
DISTRICT III
IOO Rio Brazos Rd., Aziec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

perator .				Lease					Well No.	
Avon	Energy Corpo	oration		Tur	ner "B'	'Federal			10:	3
Init Letter	Section	Township		Range				County		·
В	20	17 Sot	uth	31	East	٨	MIML) E	ddy	
ctual Footage Local				·						
1300	feet from the Nor	th	line and		1.	370 _{fee}	t from t	_{the} East	line	
round level Elev.	Producing	Formation		P∞I					Dedicated Acre	age:
3691	SR-Q-G	B-SA		Gra	yburg-	Jackson			40	Acres
I. Outline	the acreage dedicated	to the subject well	by colored pen	cil or hachure	marks on t	he plat below.		•		
2. If more	than one lease is dedi	icated to the well, o	outline each and	identify the c	wnership th	croof (both as to	workir	ng interest and	royalty).	
SIN	GLE LEASE	*								
	than one lease of diffi ion, force-pooling, etc		dedicated to the	well, have th	is interest of	all owners been	consol	iduled by comi	nunitization,	
	Yes	No If ans	wer is "yes" typ	∞ of consolid	ation		·			
	is "no" list the owners	and tract descripti	ons which have	actually been	consolidate	d. (Use reverse	side of			
	if neccessary. uble will be assigned to	o the well until all	interests have h	een consolidat	ed thy com	nunitization uni	itization	forced-poolin	e or otherwise)	
or until a	non-standard unit, elir	ninating such intere	est, has been app	proved by the	Division.			, 1010to poolii 	Di or ordini a tan)	
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OWNERSHIP MAP (GRAYBURG)



PROPOSED LOCATION

(4)

P 664 412 913

Certified Mail Receipt
No Insurance Coverage Provided
Do not use for International Mail

	UNITED STATES (See Reverse)			
	Sent toSOCORRO PETROI	EU	M C	Э.
	c/o Mr. Wyatt Fer	ıde	r	
	Street & No.			
į	P.O. DRAWER 3268			
	P.O., State & ZIP Code			
	MIDLAND, TX 7970)5		
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	Special Delivery Fee			
	Restricted Delivery Fee			
2	Return Receipt Showing to Whom & Date Delivered 1		1.0	50
2	Return Receipt Showing to Whom, Date, & Address of Delivery			
5	TOTAL Postage 4	\$	2.	5 2
400	Postmark or Date			



November 5, 1991

DIRECTOR
Department of Energy and Minerals
Oil Conservation Division
P.O. Box 2088
Santa Fe, New Mexico 87501-2088

Re: Application for Unorthodox Oil Locations AVON ENERGY CORPORATION Turner "B" Waterflood Project

Gentlemen:

You are respectfully requested to grant administrative approval for unorthodox locations for infill producing wells within the Turner "B" Waterflood Project, at the following locations:

No.104 Turner "B" - 1650'FSL, 1370'FWL, Sec.17, T.17S., R.31E. No.105 Turner "B" - 15'FSL, 2625'FEL, Sec.17, T.17S., R.31E. No.106 Turner "B" - 15'FSL, 1305'FEL, Sec.17, T.17S., R.31E.

These wells will be drilled to about 4900' to produce from the Grayburg-San Andres formation. The wells will be drilled at the unorthodox locations, in order to prevent waste by developing an efficient production and injection pattern within the State-approved Turner "B" Waterflood Project. Avon Energy Corporation is drilling these wells to earn acreage from Socorro Petroleum Company, within portions of the Turner "B" Waterflood Project.

Enclosed are copies of the well location plats, Application to Drill, and a map indicating lease ownership and locations of off-set Grayburg wells. The information in this request is accurate to the best of my knowledge.

Socorro Petroleum Company is the working interest owner of all offset units within the Turner "B" Waterflood Project. Off-set working interests outside of the Project are indicated on the enclosed Ownership Map.

A copy of this Application and request for waiver has been furnished to the following, by Certified Mail:

Trinity University c/o Ernest Closuit, Jr. 777 Taylor St., Ste. P1-B Ft. Worth Club Tower Ft. Worth, Texas 76102 E.M. Closuit Trust c/o Ernest Closuit, Jr. 777 Taylor St., Ste. P1-B Ft. Worth Club Tower Ft. Worth, TX 76102 Marbob Energy Corporation P.O. Box 217 Artesia, N.M. 88210

Texaco, Inc. c/o Mr. Terry Young P.O. Box 2100 Denver, CO 80201

Socorro Petroleum Company c/o Mr. Wyatt Fender P.O. Drawer 3268 Midland, TX 79705

A copy of this Application has also been furnished to the Bureau of Land Management. Please call me if you need additional information.

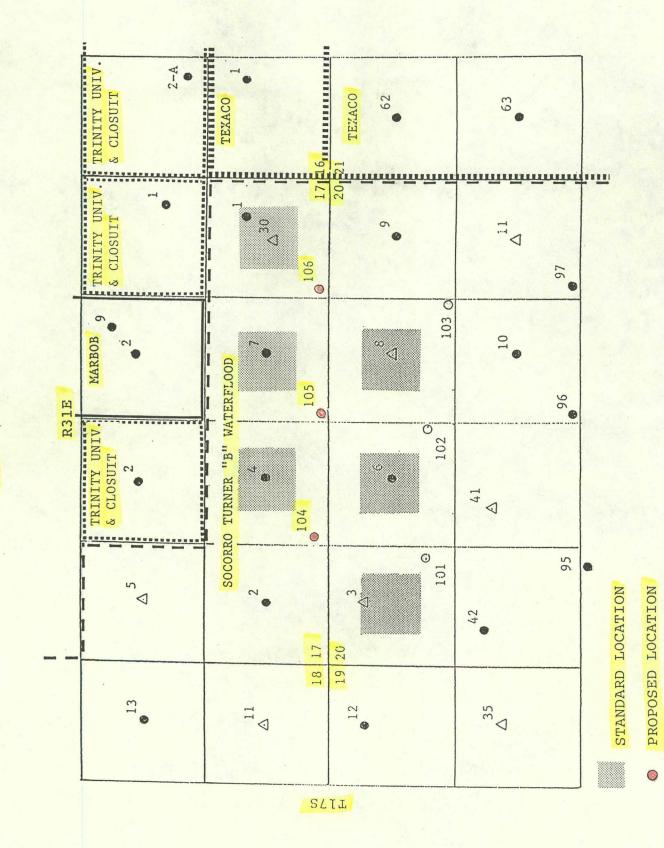
Sincerely yours,

JERRY W. LONG

Permit Agent for: AVON ENERGY CORPORATION

JWL/bll

OWNERSHIP MAP



Form 3160-3 (November 1983) (formerly 9-331C)

APPROVED BY The Statement Me

CONDITIONS OF APPROVAL, IF ANY :

UNITED STATES DEPARTMENT OF THE INTERIOR

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved. Budget Bureau No. 1004-0136. Expires August 31, 1985

	DEPARTMENT	OF THE INT	ERIOR	5. LEASE DESIGNATION	N AND BERIAL NO.		
	BUREAU OF	LAND MANAGEN	MENT	LC 029395-E	3		
	Y FOR PERMIT T	O DRILL, DE	EPEN, OR PLUG B	ACK 6. IF INDIAN, ALLOTT	EN OR TRIBE NAME		
1a. TYPE OF WORK	LL 🛭	DEEPEN []	PLUG BA	7. UNIT AGREEMENT	NAMB		
b. Tipe of well	LL W	DEEPEN [PLUG BAY	~ U			
이	ELL OTHER]	N-FILL WELL	SINGLE X MULTIP	S. FARM OR LEASE N.	YMA		
2. NAME OF OFERATOR	ALL COTTER S	TIBB WEBE		Turner "B"			
•	AVON ENERGY COR	ΜΟΤΨΑΘΟΘ	Ph.505-677-3223	9. WELL NO.			
3. ADDRESS OF OPERATOR	P O Box 38	TORATION		104			
		Martan 88255		10. FIELD AND POOL,	OR WILDCAT		
4. LOCATION OF WELL (R	Loco Hills, New eport location clearly and	in accordance with a	y State requirements.*)	Grayburg-Ja	ackson		
WE SHIFTED	L 1370'FWL,		•	11. SEC., T., E., M., OR AND SURVEY OR			
At proposed prod. zon		sec.1/-1/5-31	(UNIT	N)	AREA		
	Same		(SESW)	Sec.17-17S-	-31E		
14. DISTANCE IN MILES	AND DIRECTION FROM NEAR	EST TOWN OR POST OF	FICE*	12. COUNTY OR PARIS	H 13. STATE		
5.3 air mile	s ENE of Loco H	ills, New Mex	ico	Eddy	N.M.		
13. DISTANCE FROM PROPULOCATION TO NEAREST		16	NO. OF ACRES IN LEASE	17. NO. OF ACRES ASSIGNED TO THIS WELL			
PROPERTY OR LEASE L (Also to Dearest drig	INF PT	1370'	1786.15	40			
18. DISTANCE FROM PROP	*NOITACOL GREO	19	. PROPOSED DEPTH	20. ROTARY OR CABLE TOOLS			
TO NEAREST WELL, D OR APPLIED FOR, ON THE	IS LEASE, FT.	750 ' ±	3700 '	Rotary			
21. ELEVATIONS (Show who	ether DF, RT, GR, etc.)			22. APPROX. DATE W	FORK WILL START		
3672' GL.				As Soon As E	ossible?		
23.	- 	ROPOSED CASING	AND CEMENTING PROGRA				
		KOTOSED CESTIVA	and Characture I room		<u></u>		
12-1/4"	BIZE OF CASING	WEIGHT PER POOT	SETTING DEPTH	QUANTITY OF CEM			
7-7/8"	8-5/8" 5-1/2"	24.0# J-5		300 sx Class C(Circ 200 sx Class C + 60			
	3-1/2	<u>15.5# K−5</u>	5 3700 ' ±	(Tie Back To 8-5/8)			
				(Tie back to 6-5/8	,		
			·		,		
Propose t	o drill to abou	t 3700' and c	omplete as an in-	fill non-standard	•		
Grayburg	producer. Stat	e approval of	the unorthodox 1	ocation is pending.			
			emented with suff				
			ely perforate fav				
zones.	•	•	· •	•			
	e _{th}			•			
Run 2-7/8	" tubing to per	forations and	treat formation	with 15% HCL.			
Sand-frac	formation and	test to tanks					
_							
See attac	hed <u>Drilling Da</u>	ta and Surfac	e Use Plan.				
The surfa	ce grazing less	ee has been a	dvised of the pro	posed operation.			
zone. If proposal is to preventer program, if an	drill or deepen directions	proposal is to deepen illy, give pertinent da	or plug back, give data on p ta on subsurface locations a	resent productive zone and propo nd measured and true vertical deg	sed new productive pths. Give blowout		
24.							
BIGNED	ry M. Za-	<u> </u>	Permit Agent	_{DATE} Febru	ary 15,1991		

*See Instructions On Reverse Side

that the was properly

TITLE

District Office State Lease - 4 copies Fee Lease - 3 copies

Energy, Minerals and Natural Resources Department

Form C-102 Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT | P.O. Box 1980, Hobbs, NM 88240

DISTRICT II P.O. Drawer DD, Antesia, NNI 88210 DISTRICT III 1000 Rio Brazos Rd., Aziec, NM 87410

All Distances must be from the outer boundaries of the section.

WELL LOCATION AND ACREAGE DEDICATION PLAT

herator .					Lease				Well No.	
Avon 1	Avon Energy Corporation					cher "B	" Feder	al	104	1
Init Letter	Section		Township		Range			County	1	
Ŋ		17	17	South		East	NMI	, I	Eddy	•
Actual Foctage Loca	ation of									
160	feet fr	OH BIG	outh	line and		1370	feet from	n N. West	line	
3672	j		ng Formation		Pool				Dedicated Acreage	e:
			burg			rg-Jackso			40	Acres
i. Cumn	c uic ac	reage dedicate	ed to the subject we	in by colored per	icil or hachure in	erks on the plat	below.			
2. If mor	re than o	ne lease is de	dicated to the well,	outline each and	l identify the own	ership thereof (both as to wor	king interest and	royalty).	٠.
		E LEASE	fferent ownership i	s dedicated to th	e well-have the it	nterest of all on	mers been cons	solidated by com	umnitization	
		rce-pooling, e		Jeanson o to the		ALICAL DI AII UN	mera even com	windles of ear		
, 🗆	Yes	[pe of consolidation					
this form	is no	nst me owne essary,	rs and tract descrip	tions which have	actually been co	nsolidated. (U:	se reverse side	OI ,		
No allow	rabic wi	ll be assigned	to the well until al				zation, unitizati	on, forced-pooling	ig, or otherwise)	
or until a	non-sta	ndard unit, el	iminating such inte	rest, has been ap	proved by the Di	vision.		r		.
		<u></u>		<u> </u>			·····)	OPERAT	OR CERTIFIC	ATION
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		1			ļ		{	belief.		*
		1			Charges of the party	٠.		Date Surveyed		
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			•					Signature & S	upreyor P. PA	Patto
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Form 3160-5 (June 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

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

5. Lease Designation and Serial No

•		O CO. Branco
	LC	029395-B

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

6. If Indian, Allottee or Tribe Name

Use "APPLICATION FO	R PERMIT—" for such proposals	
SUBMIT	7. If Unit or CA. Agreement Designation	
1. Type of Well X Oil	Turner "B" Waterflood 8. Well Name and No. Turner "B" No. 105 9. API Well No. 10. Field and Pool, or Exploratory Area Grayburg-Jackson 11. County or Parish, State Eddy County, N.M. DRT, OR OTHER DATA	
TYPE OF SUBMISSION	TYPE OF ACTIO	N
Notice of Intent Subsequent Report Final Abandonment Notice	Abandonment Recompletion Plugging Back Casing Repair Altering Casing Other Other	Change of Plans New Construction Non-Routine Fracturing Water Shut-Off Conversion to Injection Dispose Water (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

3. 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.)*

Propose to:

- 1. Amend location to above footage, due to requirements of farm-out contract.
- 2. Change proposed depth to 4900' Grayburg-San Andres.
- 3. Set 5-1/2" casing to TD, with cement back to 8-5/8" casing.
- 4. Orient rig as in attached plat.
- 5. Power will be obtained from adjacent CVE line.
- 6. Construct 2" steel production flow line on surface to the tank battery. Routed as indicated on attached map.

ASC has conducted an Arch. review of the amended location and flow line route.

Remainder of Surface Use and Operations Plan will remain as previously approved.

> SEE ASC NO. 91-196

14. I hereby certify that the foregoing is true and correct	
Signed	Date October 26, 1991
(This space for Federal or State office use)	
Approved by Title	Date
Conditions of approval, if any:	

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II P.O. Drawer DD, Anesia, NM 88210

1000 Rio Brazos Rd., Aziec, NM 87410

DISTRICT III

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section Well No. 2252 Turner "B" Federal 105 Avon Energy Corporation Section Unit Letter Range 17 South Eddy 31 East Actual Footage Location of Well: 2625 South feet from the feet from the East line line and Ground level Elev. Producing Formstion Dedicated Acreage: 3663 40 SR-Q-GB-SA Grayburg-Jackson 1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below. 2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). SINGLE LEASE 3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.? If answer is "yes" type of consolidation If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if neccessary, No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division. OPERATOR CERTIFICATION I hereby certify that the information contained herein in true and complete to the best of my knowledge and belief. Signajure Printed Name LONG Permit Agent Company AVON ENERGY CORPORATION AMENDED LOCATION October 26, 1991 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervison, and that the same is true and correct to the best of my knowledge and belief. Date Surveyed October 21 Signature & Scal Professional Surveyor FA PROPERTURE 3661.4- $\sqrt{3667.7}$ Certificate No. 3663.1 26251 8112 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500

Form 3160-3 (November 1983) (formerly 9-331C)

UNITED STATES DEPARTMENT OF THE INTERIOR

SUBMIT IN TT ICATE*

(Other instructus on reverse side)

Form approved. Budget Bureau No. 1004-0136 Expires August 31, 1985

E	-24	

1	
5. LEASE DESIGNATION AND BER	ILL NO.

	BUREAU OF	LAND MANAG	FWFN		•	LC 029395-B
APPLICATION	FOR PERMIT	O DRILL, D	DEEPE	N, OR PLUG B	ACK	G. IF INDIAN, ALLOTTEE OR TRIBE NAME
	LL 🛚	DEEPEN [PLUG BAC	:к 🗆	7. UNIT AGREEMENT NAME
b. TIPE OF WELL OIL X GA	8 [-] .	F	, BIN	GLE X NULTIPI	's [_]	S, FARM OR LEASE NAME
2. NAME OF OPERATOR	KI.I OTHER	IN-FILL WELD	7.45			Turner "B"
	AVON ENERGY COR	PORATTON	P	h.505-677-3223		9. WELL NO.
3. ADDRESS OF OPERATOR	P.O. Box 38	TOMITION				105
4. LOCATION OF WELL (Re		Mexico 882	55_			10. FIELD AND POOL, OR WILDCAT
4. LOCATION OF WELL (Re At surface	port location clearly and	in accordance wit	h any St	ate requirements.*)		Grayburg-Jackson
150'FSL 24	· 555	17-17S-31E	sn /	OCA TION (UNI	T 0)	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
					E)	Sec.17-17S-31E
14. DISTANCE IN MILES					-	12. COUNTY OR PARISH 13. STATE
5.5 air mile	s ENE of Loco H	Ills, New M				Eddy N.M.
LOCATION TO NEAREST PROPERTY OR LEASE I	·			OF ACRES IN LEARE		HIS WELL
(Also to nearest drig	unit line, if any)	2480'		86.15		40
TO NEAREST WELL, D. OR APPLIED FOR, ON THE	RILLING, COMPLETED,	70514			}	
21. ELEVATIONS (Show who		725'±	3/	<u>'00'</u>	I Ro	22. APPROX. DATE WORK WILL START*
3674' GL.		•			•	As Soon As Possible
23.	· , 1	PROPOSED CASIN	NG AND	CEMENTING PROGRA	M	No Water Basin
SIZE OF HOLE	BIZE OF CASING	WEIGHT PER F	00T	SETTING DEPTH		QUANTITY OF CEMENT
12-1/4"	8-5/8"	24.0#	J-55	600 ' ±	300 s	x Class C(Circulate)
<u>7-7/8"</u>	5-1/2"	15.5# K	<u>-55</u>	3700 ' ±	200 s	x Class C + 600 sx Lite
Grayburg Set 5-1/2	o drill to abou producer. Stat " production ca ll porosity zon	te approval	of the	ne unorthodox lented with suff	ocatio icient	n is pending.
Sand-frac	tubing to per formation and thed Drilling Date grazing less	test to tar	nks. face	Use Plan.		5% HCL. m Cri VE C
zone. If proposal is to preventer program, if an	drill or deepen direction					ductive rone and proposed new productive and true vertical depths. Give blowou
SIGNED IF	NY W LONG	<u>eq</u> 11	TLE P	ermit Agent		February 18, 1991
	eral or State office use)	* Six Panganessy.	A. H	APPROVAL DATE		4-5-91
APPINOS DE STREET APPROPRIES	Toya Stave	· TI	TLE	STORES TO THE STORES	,	DATH 7-3-7/
GENERAL REQUIREM						
SPECIAL STIPULATIO	NS					

*See Instructions On Reverse Side NOSRECD: 1/17/91
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false. Section 1001, makes it a crime for any person knowingly and will full to make to any department or agency of the United States and Section 1001, makes it a crime for any person knowingly and will full to make to any department or agency of the United States and Section 1001, makes it a crime for any person knowingly and will full to make to any department or agency of the United States and Section 1001, makes it a crime for any person knowingly and will full to make to any department or agency of the United States and Section 1001, makes it a crime for any person knowingly and the section 1001 and 1001 and 1001 and 1001 and 1001 and 1001 and 1001 and 1001 and 1001 and 1001 and 1001 and 1001 and 1001 and 1001 and 1001 and 1001 a

Form 3160-5 (June 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

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

Expires: March 31, 1993

٥.	Lease	Des	ignati	On a	BNO	36114	1 110.
•	LC	02	939	95-	-B		
6.	If Ind	ian,	Allot	icc (or T	ribe	Name

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Liga "APPLICATION FOR REPMIT—" for such proposals

Use "APPLICATION FOR PERMIT" for such	proposals	
SUBMIT IN TRIPLICATE		7. If Unit or CA, Agreement Designation
1. Type.of Well		Turner "B" Waterflood
X Well ☐ Gas Well Other		8. Well Name and No.
2. Name of Operator		Turner "B" No.106
AVON ENERGY CORPORATION		9. API Well No.
3. Address and Telephone No. P.O. Box 38	Ph.505-677-3223	
Loco Hills, New Mexico 88255	·	10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)		Grayburg-Jackson
		11. County or Parish, State
15'FSL, 1305'FEL, Sec.17-17S-31E	(UNIT P)	
	(SESE)	Eddy County, N.M.
12. CHECK APPROPRIATE BOX(s) TO INDICATE NAT	URE OF NOTICE, REPO	RT, OR OTHER DATA

•	·	
TYPE OF SUBMISSION	TYPE OF	ACTION
X Notice of Intent	Abandonment	X Change of Plans
Subsequent Report	Recompletion Plugging Back Casing Repair	New Construction Non-Routine Fracturing Water Shut-Off
L_J Final Abandonment Notice	Altering Casing Other	Conversion to Injection Dispose Water (Note: Report results of multiple completion on Wel

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.)*

Propose to:

- 1. Amend location to above footage, due to requirements of farm-out contract.
- 2. Change proposed depth to 4900' Grayburg-San Andres.
- 3. Set 5-1/2" casing to TD, with cement back to 8-5/8" casing.
- 4. Orient rig as in attached plat.
- 5. Power will be obtained from adjacent CVE line.
- 6. Construct 2" steel production flow line on surface to the tank battery. Routed as indicated on attached map.

ASC has conducted an Arch. review of the amended location and flow line route.

Remainder of Surface Use and Operations Plan will remain as previously approved.

SEE ARCH. REPORT ASC 2191-197

	,	•	· · ·
14. I hereby certify that the foregoing is tops and correct			
	Tide_Permit Agent	Date October 26,	1991
(This space for Federal or State office use)			
Approved by	Title	Date	
Conditions of approval, if any:			

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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990

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1980 2310

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Form (..... Revised 1-1-89

DISTRICT I P.O. Box 1980, Hobbs, NM 88240

DISTRICT II P.O. Drawer DD, Ariesia, NM 88210

OIL CONSERVATION DIVISION

P.O. Box 2088 Santa Fe, New Mexico 87504-2088

DISTRICT III WELL LOCATION AND ACREAGE DEDICATION PLAT 1000 Rio Brazos Rd., Aztec, NM 87410 All Distances must be from the outer boundaries of the section Operator Well No. Turner "B" Federal 106 Avon Energy Corporation Unit Letter Section County Range Eddy 17 South 31 East 17 NMI'M Actual Footage Location of Well: feet from the South 1305 feet from the East line Ground level Elev. Pool Dedicated Acreage: Producing Formation 3698 SR-Q-GB-SA 40 Grayburg-Jackson Acres 1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below. 2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). SINGLE LEASE
3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.? If answer is "yes" type of consolidation If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of ... this form if neccessary. No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division. OPERATOR CERTIFICATION I hereby certify that the information contained herein in true and complete to the best of my knowledge and belief. Signature Printed Name **JERRY** LONG Position Permit Agent Company AVON ENERGY CORPORATION AMENDED LOCATION October 26, 1991 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field hotes of actual surveys made by me or under my supervison, and that the same is true and correct to the best of my knowledge and belief. Date Surveyed October 2 Signature & Scal Professional Sur 3685.5-PROFESSIONAL Certificate No. י 1305 3688.6 8112 3000

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2000

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Form 3160-3 (November 1983) (formerly 9-331C)

BLM & CARLSBASUBMIT IN TRIPLICATES (Other Instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0136,
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

。 (1) (1.5.10)

UNITED STATES DEPARTMENT OF THE INTERIOR

6-21

	BUREAU OF	ELAND MANAG	EMEN	T			LC 029395-B	
APPLICATION	N FOR PERMIT	TO DRILL, D	DEEPE	N, OR P	LUG B	ACK	6. IF INDIAN, ALLOTTE	E OR TRIBE NAME
Is. TYPE OF WORK							7. UNIT AGREEMENT	YAMB.
DR	ILL X	DEEPEN/[ال	PLI	JG BAC	:К 📋		
이다 (당) . 0	VELL OTHER	IN-FILL WELL	. 81	NGLE X	MULTIPI		8. FARM OR LEASE NA	MB
2. NAME OF OFERATOR	VELLE COLLECT	THE PART OF THE PA		2h.505-67			Turner "B"	
	AVON ENERGY CO	RPORATION	•	11.505-07	7-5225		9. WELL NO.	
3. ADDRESS OF OPERATOR	P.O. Box 38						106	er <u>randa da da da da da da da da da da da da d</u>
4 TOCHTON OF WATER (F	Loco Hills, Never location clearly an	w Mexico 882	55	 			10. FIELD AND POOL,	
At surface	•	••	n any S	tate requireme			Grayburg-Ja	
	100'FEL, Sec.	17-17S-31E			•	T P)	AND BURYEY OR A	BLA.
At proposed prod. zo:	same				(SES	E)	Sec.17-17S-	31E
14. DISTANCE IN MILES	AND DIRECTION FROM NE	REST TOWN OR POST	OFFICE	•			12. COUNTY OR PARISH	
	s ENE of Loco	Hills, New M	exico)			Eddy	N.M.
15. DISTANCE FROM PROP LOCATION TO NEARES	T		16. NO	OF ACRES IN	LEASE		OF ACRES ASSIGNED	
PROPERTY OR LEASE (Also to nearest dr)	g. unit line, if any)	1100'	17	786.15			40	
18. DISTANCE FROM PROP TO NEAREST WELL, F	RILLING, COMPLETED,			OPOSED DEPTH		20, nota	RY OB CABLE TOOLS	
OR APPLIED FOR, ON TH		900'±	37	700'		Rot	tary	
21. ELEVATIONS (Show what 3738 GL.	ether DF, RT, GR, etc.)				•	•	22. APPROX. DATE WO	
3738' GL.	·			· · · · · · · · · · · · · · · · · · ·		<u> </u>	As Soon As Po	ossible
		PROPOSED CASIN	IG AND	CEMENTING	PROGRA	M	No Water Basii	n' in the second
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER PO	от	SETTING P	EPTH		QUANTITY OF CEME	ХT
12-1/4"	8-5/8"	_ 	-55_	600 ' ±			x Class C(Circ	
7-7/8"	5-1/2"	15.5# K	-55	· 3700'±			\times Class C + 60	• · · · · · · · · · · · · · · · · · · ·
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	o drill to abo							
	producer. Sta							
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	all porosity zo	nes. Select	ivel	y pertora	te fav	orable	Grayburg	A Property !
zones.							E A	.
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	c formation and			Leat Loth	Idelon	MTCH I		
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The surf	ace grazing les	see has beer	ı adv	ised of t	the pro	posed	operation	👼 e er kim er e j
IN ABOVE SPACE DESCRIE	E PROPOBED PROGRAM : I	proposal is to deep	pen or p	lug back, give	data on p	resent pro-	ductive zone and propor	red new productive
zone. If proposal is to preventer program, if a	drill or deepen directiony.	nally, give pertinen	t data c	n subsurface l	ocations as	nd measure	ed and true vertical dep	the. Give blowout
24.	ah			· · · · · · · · · · · · · · · · · · ·			and the contract of the contra	
BIGNED	erry MC	Zo-ugo	P	ermit Age	en t		DATE Februa	arv 18, 1991
/E	RRY W. LONG			======================================			DATE :	
(This space for Fed	leral or State office use)	f^{*}			•		the state of	AA Yee
PERMIT NO.	· · · · · · · · · · · · · · · · · · ·			APPROVAL DAT	v:			
w to	P NA.			AREA MANAGE		1	1	C-A
CONDITIONS OF APPRO	and · I V an	TI	TLE	CARLSBAD RE		ea	DATE TO	277/%
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P 664 415 917

Certified Mail Receipt

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

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	P.O. BOX 2100	
	P.O., State & ZIP Code	
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P 664 412 918 **Certified Mail Receipt**

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November 9, 1991

DIRECTOR
Department of Energy and Minerals
Oil Conservation Division
P.O. Box 2088
Santa Fe, New Mexico 87501-2088

Re: Application for Unorthodox Oil Locations AVON ENERGY CORPORATION Turner "B" Waterflood Project No.6 and No.7 Max Friess "MA" Eddy County, New Mexico

Gentlemen:

Enclosed are copies of "Wavier of Objection" to referenced Application. The waivers have been executed by Jack Plemons and Socorro Petroleum Company, owners of off-set mineral interests.

Please send a copy of your approval to me at the letterhead address.

JERRY W. LONG

Sincerely,

Permit Agent for:

AVON ENERGY CORPORATION

JWL/bll



October 25, 1991

Jack Plemons
Box 25
Loco Hills, New Mexico 88255

Re: Waiver of Objection to Unorthodox Locations AVON ENERGY CORPORATION No.6 and No.7 Max Friess "MA"

Dear Mr. Plemons:

Enclosed is a copy of referenced Application which requests NMOCD approval of two unorthodox locations.

If you offer no objection to the Application, we would appreciate your execution of a waiver to objection in the space below. Return two executed copies to me in the enclosed envelope and retain one copy for your records.

We would appreciate a timely response to this request.

ERRY W

Permit Agent for:

AVON ENERGY CORPORATION

JWL/bll

The undersigned has no objection to the Application for an unorthodox location for referenced wells.

JACK PLEMONS

Date



October 25, 1991

SOCORRO PETROLEUM COMPANY c/o Mr. Wyatt Fender P.O. Drawer 3268 Midland, Texas 79705

> Re: Waiver of Objection to Unorthodox Locations AVON ENERGY CORPORATION No.6 and No.7 Max Friess "MA"

Gentlemen:

Enclosed is a copy of referenced Application which requests NMOCD approval of two unorthodox locations.

If you offer no objection to the Application, we would appreciate your execution of a waiver to objection in the space below. Return two executed copies to me in the enclosed envelope and retain one copy for your records.

We would appreciate a timely response to this request.

JERRY W. LONG

Permit Agent for:

AVON ENERGY CORPORATION

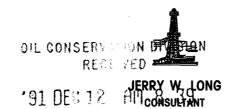
JWL/bll

The undersigned has no objection to the Application for an unorthodox location for referenced wells.

SOCORRO PETROLEUM COMPANY

by: Wysettender

Date: 10/28/91



December 9, 1991

DIRECTOR
Department of Energy and Minerals
Oil Conservation Division
P.O. Box 2088
Santa Fe, New Mexico 87501-2088

NSL-3079

Re: Application for Unorthodox Oil Locations AVON ENERGY CORPORATION Turner "B" Waterflood Project Well Nos. 101, 102, 103, 104, 105, and 106 Turner "B" Well Nos. 6 and 7 Max Friess "MA"

Gentlemen:

I have today received a copy of Administration Order NSL-3079, approving the non-standard locations and transfer of dedicated acreage into the AVON ENERGY CORPORATION Turner "B" Grayburg-Jackson Waterflood Project for referenced wells.

Enclosed are executed copies of Waiver of Objection from Trinity University and Texaco, Inc. to complete your file for the Application dated November 5, 1991.

We appreciate your assistance in this waterflood project.

Sincerely yours,

JERRY W. LONG

Permit Agent for:

AVON ENERGY CORPORATION

1c: Avon Energy Corporation 410 17th St., Ste.430 Denver, CO 80202

1c: Avon Energy Corporation P.O. Box 38 Loco Hills, N.M. 88255



November 5, 1991

TRINITY UNIVERSITY c/o Ernest Closuit, Jr. 777 Taylor St., Ste. Pl-B Ft. Worth Club Tower Ft. Worth, TX 76102

> Re: Waiver of Objection to Unorthodox Locations AVON ENERGY CORPORATION Nos. 104, 105 and 106 Turner "B"

Gentlemen:

Enclosed is a copy of referenced Application which requests NMOCD approval of three unorthodox locations.

If you offer no objection to the Application, we would appreciate your execution of a waiver to objection in the space below. Return two executed copies to me in the enclosed envelope and retain one copy for your records.

We would appreciate a timely response to this request.

Permit/Agent for:

Sincerely yours,

AVON ENERGY CORPORATION

JWL/bll

The undersigned has no objection to the Application for an unorthodox location for referenced wells.

TRINITY UNIVERSITY

Date: Kle center 4, 1991



717344 (TPI) November 5, 1991

TEXACO, INC. c/o Mr. Terry Young P.O. Box 2100 Denver, CO 80201

> Re: Waiver of Objection to Unorthodox Locations AVON ENERGY CORPORATION Nos. 104, 105 and 106 Turner "B"

Gentlemen:

Enclosed is a copy of referenced Application which requests NMOCD approval of three unorthodox locations.

If you offer no objection to the Application, we would appreciate your execution of a waiver to objection in the space below. Return two executed copies to me in the enclosed envelope and retain one copy for your records.

We would appreciate a timely response to this request.

Sincerely yours

JERRY W. LONG

Permit/Agent for:

AVON ENERGY CORPORATION

JWL/bll

The undersigned has no objection to the Application for an unorthodox location for referenced wells.

TEXACO, INC.

by: D. J. Corp

Date: 11/26/91



November 1, 1991

SOCORRO PETROLEUM COMPANY c/o Mr. Wyatt Fender P.O. Drawer 3268 Midland, Texas 79705

> Re: Waiver of Objection to Unorthodox Locations AVON ENERGY CORPORATION Nos. 101, 102 and 103 Turner "B"

Gentlemen:

Enclosed is a copy of referenced Application which requests NMOCD approval of three unorthodox locations.

If you offer no objection to the Application, we would appreciate your execution of a waiver to objection in the space below. Return two executed copies to me in the enclosed envelope and retain one copy for your records.

We would appreciate a timely response to this request.

Sincerely yours,

JERRY W. LONG

Permit Agent for:

AVON ENERGY CORPORATION

JWL/bll

The undersigned has no objection to the Application for an unorthodox location for referenced wells.

SOCORRO PETROLEUM COMPANY

by: Cyalt Tenda

Date: 1/5/9/

2709 Resolana Dr. Roswell, NM 88201

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.91 DE: 8 9M 10 02



November 26, 1991

DIRECTOR Department of Energy and Minerals Oil Conservation Division P.O. Box 2088 Santa Fe, New Mexico 87501-2088

> Re: Application for Unorthodox Oil Locations AVON ENERGY CORPORATION Turner "B" Waterflood Project Well Nos. 104, 105, and 106 Turner "B"

Gentlemen:

It has come to my attention that the Application, dated November 5, 1991, has a typographical error in the footage location of the No. 104 Turner "B" well.

Please correct the Application to indicate that the No. 104 Turner "B" well is located 160'FSL, 1370'FWL of Sec.17, T.17S., R.31E. The map was correct as submitted.

As of today, I have obtained waivers from all off-set operators, except Texaco, Inc. and Trinity University. Mr. Harold Herndon has advised me by telephone that he will furnish a waiver for Trinity University.

Enclosed are two copies of waivers which I have received.

Sincerely yours,

Permit Agent for:

AVON ENERGY CORPORATION



November 5, 1991

E.M. Closuit Trust

c/o Ernest Closuit, Jr.

777 Taylor St., Ste. P1-B

Ft. Worth Club Tower

Ft. Worth, TX 76102

Re: Waiver of Objection to Unorthodox Locations AVON ENERGY CORPORATION

Nos. 104, 105 and 106 Turner "B"

Gentlemen:

Enclosed is a copy of referenced Application which requests NMOCD approval of three unorthodox locations.

If you offer no objection to the Application, we would appreciate your execution of a waiver to objection in the space below. Return two executed copies to me in the enclosed envelope and retain one copy for your records.

We would appreciate a timely response to this request.

Sincerely yours,

JERRY W. LONG

Permit Agent for:

AVON ENERGY CORPORATION

JWL/bll

The undersigned has no objection to the Application for an unorthodox location for referenced wells.

E.M. Closuit Trust

Dean of Mariota

Date:



2709 Resolana Dr. Roswell, NM 88201



November 5, 1991

MARBOB ENERGY CORPORATION P.O. Box 217 Artesia, New Mexico 88210

Re: Waiver of Objection to Unorthodox Locations
AVON ENERGY CORPORATION

Nos. 104, 105 and 106 Turner "B"

Gentlemen:

Enclosed is a copy of referenced Application which requests NMOCD approval of three unorthodox locations.

If you offer no objection to the Application, we would appreciate your execution of a waiver to objection in the space below. Return two executed copies to me in the enclosed envelope and retain one copy for your records.

We would appreciate a timely response to this request.

Xerry /1.

JERRY W. LONG Permit Agent for:

AVON ENERGY CORPORATION

JWL/bll

The undersigned has no objection to the Application for an unorthodox location for referenced wells.

MARBOB ENERGY CORPORATION

by: Mack C. Class

Date: Nov. 11, 1991



November 5, 1991

SOCORRO PETROLEUM COMPANY c/o Mr. Wyatt Fender P.O. Drawer 3268 Midland, Texas 79705

> Re: Waiver of Objection to Unorthodox Locations AVON ENERGY CORPORATION Nos. 104, 105 and 106 Turner "B"

Gentlemen:

Enclosed is a copy of referenced Application which requests NMOCD approval of three unorthodox locations.

If you offer no objection to the Application, we would appreciate your execution of a waiver to objection in the space below. Return two executed copies to me in the enclosed envelope and retain one copy for your records.

We would appreciate a timely response to this request.

Sincerely yours,

JERRY/W. LONG

Permit Agent for:

AVON ENERGY CORPORATION

JWL/bll

The undersigned has no objection to the Application for an unorthodox location for referenced wells.

SOCORRO PETROLEUM COMPANY

by: Wyst Hender

Date: ///7/9/

Put your address in the "RETURN TO" Space on the revertion being returned to you. The return receipt fee will protect date of delivery. For additional fees the following ser and check box(es) for additional service(s) requested. 1. Show to whom delivered, date, and addressee (Extra charge) 3. Article Addressed to:	s address. Z. L. Restricted Delivery
TRINITY UNIVERSITY c/o Ernest Closuit, Jr. 777 Taylor St., Ste. P1-B Ft. Worth, TX 76102	P 664 412 918 Type of Service: ☐ Registered ☐ Insured ☐ COD ☐ Return Receipt for Merchandis
5: Signature — Addressee	Always obtain signature of addressee or agent and DATE DELIVERED. 8: Addressee's Address (ONLY if.
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SENDER: Complete items 1 and 2 when addition 3 and 4. Put your address in the "RETURN TO" Space on the revenue of the service	railservices are desired, and complete iterse side. Failure to do this will prevent this carde you the name of the person delivered to a vices are available. Consult postmaster for fess address. 2. Restricted Delivery (Extra charge) 4. Article Number P 664 412 915 Type of Service: Registered Insured