OIL CONSERVATION DIVISION TRECEIVED

'89 DEC 22 AM 8 48

December 14, 1989



New Mexico Oil Conservation Division Box 2088 Santa Fe, NM 97501-2088

Attn: Mike Stogner

Re: E. H. Pipkin No. 8-E Recompletion
Basin Fruitland Coal Gas Pool
Unorthodox Well Location Exception

Dear Mr. Stogner:

BHP Petroleum (Americas) Inc. is proposing to recomplete the subject Dakota well in the Fruitland Coal. As this well is located in an unorthodox location (see attached C-102) pursuant to Rule No. 7 of Order No. R-8768 for the Basin-Fruitland Coal Gas Pool, BHP PA hereby requests an exception to this requirement as allowed by Rule 8 of the aforementioned order. All operators offsetting this well shown on the attached plat have been sent via certified mail notice of this request.

Should you have any questions, feel free to contact the undersigned at (713) 780-5446.

Sincerely yours,

BHP PETROLEUM (AMERICAS) INC.

Paul C. Bertoglio

Paul C. Bertog

Sr. Petroleum Engineer Inland Business Unit

PCB:ejj

Copy Send to E. Beach

OIL INSERVATION DIVISION

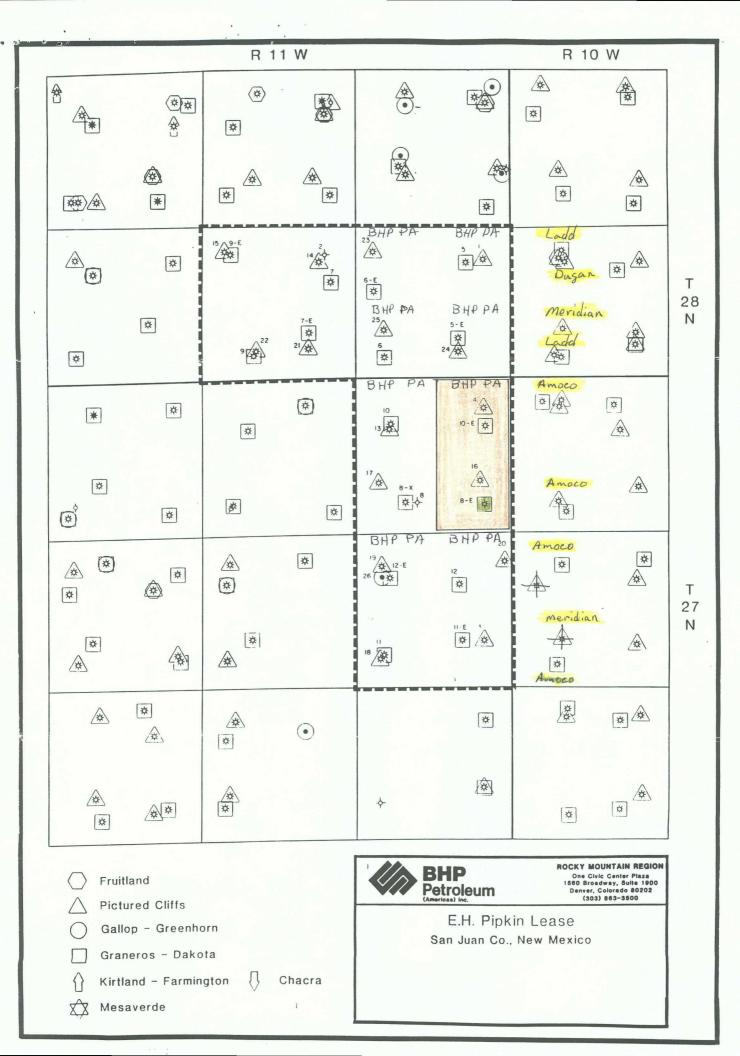
STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

P. O. BOX 2088 SANTA FE, NEW MEXICO 87501

Form C-102 Revised 10-1-78

All distances must be from the cuter boundaries of the Section.

Operator		Į L	_ease		Well No.
ENERGY RESE	RVES GROUP		E. H. PIPKIN		8E
		nship	Romge	County	
P	Į.	27N	llW	San Juan	
Actual Footage Loca		414	1 1111	J Dan Guan	
950	Sauth		890	Eo.	
	reet nom the	tine did	***	et from the Eas	
Ground Level Elev.	Producing Formation	, ·	Pool		Dedicated Acreage:
5736	Dakota		Basin Dakota		160 (320) Acres
2. If more the interest and 3. If more that dated by co	I royalty). none lease of different mmunitization, unitiz	cated to the well, ent ownership is de ation, force-poolin	outline each and idedicated to the well g. etc?	entify the ownersh	on the plat below. hip thereof (both as to working ts of all owners been consoli-
this form if No allowab	s "no," list the owner necessary.)	the well until all	interests have been	consolidated (by	communitization, unitization, been approved by the Commis-
G 40.42	(3) 40.30	99015NV F	7/57	1	CERTIFICATION ereby certify that the information con- ned herein is true and complete to the t of my knowledge and belief.
 80, 24		BHP Petroliu. E. H. Piptini No. 10E 1520'ent - & Soud: 2/25/ Basin Petot Complis	10'12 A	Compo Ene Date	eld Services Administrat
	 	1	BAP Reson E. H. Piper. No. 1. 1610/452-1 Smod: 912 Folchie K.S O Co.	Will	vereby certify that the well location with an initial with a surveys made by me or let my supervision, and that the same true and correct to the best of my wiedge and belief.
	 		056	Regis and/o	Surveyed Lugust 17,14979 Steped Professional Engineer or Landsurveyer red F. Kerroyr.
0 330 660	20 1320 1650 1980 23	10 2640 200	1.500		fiction NEX



DISTRIBUTION NEW MEXICO OIL CONSERVATION COMMISSION Form C-104 SANTA-FE Supersedes Old C-104 and C-110 Ellective 1-1-65 REQUEST FOR ALLOWABLE FILE AND U.S.G.S. AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS LAND OFFICE TRANSPORTER GAS DEÓ 19 mm SPERATOR PROBATION OFFICE SECONDAPPET. BHP Petroleum (Americas), Inc. P. O. Box 3280 Casper, Wy. 82602 Reason(s) for filing (Check proper box) Other (Please explain) New Well Change in Transporter of Recompletto Dry Gas Change in Ownership to Casinahead Gas Condensate If change of ownership give name and address of previous owner ____ Energy Reserves Group, Inc. P. O. Box 3280 Casper, Wyoming 82602 DESCRIPTION OF WELL AND LEASE Well No. Pool Name, Including Formation Legge No. State, Federal or Fee Federal Basin Dakota SF-07801 E. H. Pinkin South Line and 890 950 Feet From The Feet From The East Unit Letter Ρ. . 1 Township 27N Range 11W , NMPM, San Juan County DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS Address (Give address to which approved copy of this form is to be sent) Box 256, Farmington, N.M. 87401 Giant Refining, Inc.
Name of Authorized Transporter of Casinghed Gas Address (Give address to which approved copy of this form is to be sent) Southern Union Gathering Co. First International Bldg. Dallas Texas 75/20 Twp. P.ge. If well produces oil or liquids, give location of tanks. If this production is commingled with that from any other lease or pool, give commingling order number: COMPLETION DATA Gas Well New Well Same Res'v. Diff. Res'v Oil Well Workover Plug Back Designate Type of Completion - (X) Date Spydded Date Compl. Ready to Prod. Total Depth P.B.T.D. Elevations (DF, RKB, RT, GR, etc.) Name of Producing Formation Top OU/Gas Pay Tubing Depth Perforations Depth Casing Shoe TUBING, CASING, AND CEMENTING RECORD HOLE SIZE CASING & TUBING SIZE DEPTH SET SACKS CEMENT TEST DATA AND REQUEST FOR ALLOWABLE (Test must be after recovery of total volume of load oil and must be equal to or exceed top allow able for this depth or be for full 24 hours) OIL WELL Date First New Oil Run To Tanks Producing Method (Flow, pump, gas lift, etc.) Date of Test Shok Size Casing Pressure Length of Test Tubing Pressure Water - Bbls. Actual Prod. During Test Oil-Bhis. 1 SEP2 71985 **GAS WELL** STT. COM: DIV Actual Prod. Test-MCF/D Length of Test Bble. Condensate/MMCF Teeting Method (pitot, back pr.) Tubing Pressure (Shut-in) Casing Pressure (Shut-in) OIL CONSERVATION COMMISSION SEP 27 1985 CERTIFICATE OF COMPLIANCE 整种酶 都是市 "阿尔一克马 I hereby certify that the rules and regulations of the Oil Conservation Commission have been compiled with and that the information given above is true and complete to the best of my knowledge and belief. SUPERVISOR DISTRICT TO TITLE . This form is to be filed in compliance with RULE 1104. If this is a request for allowable for a newly drilled or despened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111. All sections of this form must be filled out completely for allowable on new and recompleted wells. Fill out only Sections I. II. III. and VI for changes of owner, well name or number, or transporter, or other such change of condition. (Date) S. Paris Separate Forms C-104 must be filed for each pool in multiply completed wells.

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Form 9-330						•								- ror - 1
(Rev. 5-63)		UN	ITED	STA	TES .	SUBM	IIT II	N DUPLIC		. [F. B	orm ar udget I	proveo. Bureau N	ng id f ng o%
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b. TYPE OF COMP		EP-	PLUG BACK	DIF	vr. 🗍	Other				S. F.	RM OR L	EASE	NAME	_ 1
2. NAME OF OPERATO	on									_ E	H. P	ipki	in	
Energy Res		up, Ir	1C.						_	9. w	ELL NO.			
3. ADDRESS OF OPER P.O. BOX 3		per, W	Nyom i n	g - 826	02		م ا 			10. F	#8-		, OR WILDCAT	
4. LOCATION OF WEL					with an	y State raqui	remer	ita)*			asin			
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At top prod. inte	erval eported b	elow!! V	المحدد إليار				- 1 12	euror 🔪) 3	ec. I	- 47	7N-R11W	
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			. go en en	14 PE	RMIT NO.	RMINOLUI	DATE	. .16 STED			arish Jan Ju		New Mex	co .
15. DATE SPUDDED	10. LAND T. D.	EACHED LOOTA					8. ELE	5,736	DF, RKB	RT, GR,	ETC.)*	19. E	LEV. CASINGHEA	D
4-27-80			T.D., MD &	7-1-8		TIPLE COMPL		5,/30	ND RJANA		ARY TOOL	s	CABLE TOOLS	
6,210' KB		6,157			HOW M	ANY* N		D 11	EVED I		0-TD			
24. PRODUCING INTER				, BOTTOM,	NAME (3	ID AND TVD)	7					25.	WAS DIRECTION SURVEY MADE	AL
Dakota 6,0	98' - 6,1	22. KI	5	÷			/	JUI		$\mathbb{Z}/\!\!\!/ 1$:		NO	
26. TYPE ELECTRIC AL							0/2	CON.	5790			1 27. ₩	AS WELL CORED	
Dual Induc	tion - SF	L, Cor	np. Ne	utron	- For	m Densi	V _	DON.	Car				NO	
2S.	WEIGHT, LB.	/mm				ort all string LE SIZE	8 8 t	in well	MENTING	E DECORD				
8-5/8"	24#	-	DEPTH SE	4' KB	í	1/4"	250	J SKS	B	<i></i>		+-	-O-	
	-						1/4	l#/sk_l	Floce					
							cir	rc. cen	ment.	See			page	
4-1/2"	10.5#	FINDD	6,20	3' KB	/-	7/8"	See	Back	01 1		7 5500		-0-	
SIZE	TOP (MD)		RECORD (Mp)	SACKS CI	MENT*	SCREEN (M	(D)	30.			SET (MD		PACKER SET (M	(D)
	2 ()	None						2-3/8	311 - -		19'	-	None	
31. PERFORATION RECO						32.			7				EZE, ETC.	
4,364'-65'	•) - 50	queeze	perts	•	4.364'							cmt. B.D.	w/1000
6,098'-6,1		1005				6,098'				7½% F			itives. +	
6,110'-6,1 6,121'-6,1		JSPF							ano 1		00 SCF	N ₂	/bb1 + 25	
33.*					PRGE	UCTION			IFrac	job:	on ba	ack o	of page *	``` .
DATE FIRST PRODUCTIO	ON PROD	UCTION M	ETHOD (lowing, ge		imping—size	and t	ype of pur	np)		WELL, S shut-		(Producing or	
DATE OF TEST	HOURS TESTED		KE SIZE	PROD'A	. FOR	OIL—BBL.		GAS-N			R-BRL.		SI FAS-OIL RATIO	
7-1-80	24	!	/2"	4-1	CCEPT	ED FOR B	ECO	n 132			rac f	!_) SCF/S7
75	300		CULATED HOUR RAT	E 011-1		GAS-	132	ŀ	3 (Fr	—вы. ac Fi			AVITY-API (CORR 50°	.)
34. DISPOSITION OF GA		fuel, ver	ited, etc.)		- JUL	. 1 11 198	30-				WITNESS C. C. E		<u></u> Ам	
35. LIST OF ATTACHM	ENTS	··			FARMI	NGTO(TIS)	ст ,.,			1				
SAMPLE DES			,	BY.		172								
36. I hereby certify t	that the foregoing	ng and a	ttached ir	formation				>	ed from	all ava	ilable rec		7. 7. 100	`
signed) in	ml (s	2/2		TIT	rle Pr	od. Eng	r-Ri	ี 			DATE	Ju	ly 7, 1980	J
	*(Se	e Instruc	ctions ar	rd Space	s for A	dditional l	Data	on Reve	erse Sie	de)				

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State be listed on this form, see item 35.

or Federal office for specific instructions. interval, Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments, and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, or intervals, top(s), bottom(s) and name(s)

tem 33: Submit a separate completion report on this form for each interval to be separately produced. "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool (See instruction for items 22 and 24 above.)

for each additional interval to be separately produced, showing the additional data pertinent to such interval

37.	SUMMARY OF POROUS ZONES SHOW ALL IMPORTANT ZONES CORETTE INTERVAL TESTED, CUST	MARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; DEITH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, PLOWING	SED, TIME TOOL OF	MARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES	38. GEOLOGI	GEOLOGIC MARKERS	
1	FORMATION	TOP	воттом	DESCRIPTION, CONTENTS, ETC.		JOE	
1					NASIB	MEAS. DEPTH	TRUE VERT. DEPTH
				SEE ATTACHED	LOG TOPS		
×.·				Cementing - 8-5/8"	Ojo Alamo	530 '	
				Cemented from top w/25 sks "B" + 4% CaCl ₂ .	Kirtland	649'	
				Lementing - 4-1/2" ist stage - 465 sx class	Pintuand Cliff	1,303	
				of 50-50 Pozmix $\frac{2}{\sqrt{2}}$ $\frac{2}{\sqrt{2}}$ $\frac{2}{\sqrt{2}}$ $\frac{2}{\sqrt{2}}$ $\frac{2}{\sqrt{2}}$ $\frac{2}{\sqrt{2}}$ $\frac{2}{\sqrt{2}}$	Lewis	1,677	
				3rd stage @ 1,829' 375 sx of 65-35 Pozmix	Cliff House	3,113'	
				w/6% gel followed by 385 sx 50-50 Pozmix	Menefee	3,253'	
	•			w/2% gel + 1/4#/sk Flocele.	Point Lookout	3,982	
	-				Mancos		
				* Fractured w/50,000 gal gelled water (GWX	Gallup	5,140'	
				-4) + 10% Methanol + 400 SCF N ₂ /bbl. +	Greenhorn	5,937	
		·		90,000# 20-40 sand.	Graneros	5,993	
					Dakota	6,046'	-
					Dakota Pay	6,097	
	4 -				Driller TD	6,210'	
					Loggers	6,157	
						•	
					•		

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

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ENERGY RESERVES GROUP E. H. PIPKIN 8E		141b IIA	ences must be fro	om the cuter bound	orles of the Section		
The Letter B 1 Section Township 27N	Operator			Lease			Well No.
Position Leveline at wolf: 950 feet from the South Back State Back State from the South Back State Back State from the South Back State Back State Back State St	ENERGY RES	ERVES GROUP		E. H. PIP	KIN		8E .
South the street ice. South the and 890 test from the Bast ton Debots promotion Basin Dakota Dakota Basin Dak	Unit Letter	Section Townsh	Þ	Range	County		
950 free from the South Into and 890 free from the Bast line 1950 free from the Boath Basin Dakota 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 us to working interest and royalty). 3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc? Yes	P	1 27	M	11W	San	Juan	
Pear Dakota Promitten Dakota	Actual Footage Loc						
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2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both is to working interest and royalty). 3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc? Yes No 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 necessary.) No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forcet-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission. CERTIFICATION I hereby certify that the information contained my knowledge and heller. Sec. Sec. 1 hereby certify that the information contained my knowledge and heller. Sec. 1 hereby certify that the information contained my knowledge and heller. Sec. 1 hereby certify that the information contained my knowledge and heller. Sec. 1 hereby certify that the information contained my knowledge and heller. Sec. 1 hereby certify that the information contained my knowledge and heller. Sec. 1 hereby certify that the information contained makes of actual surveys made by me or under my supervision, and that the some is two onder my supervision, and that the some is two onder my supervision, and that the some is two onder my supervision, and that the some is two onder my supervision, and that the some is two onder my supervision, and that the some is two onder my supervision, and that the some is two onder my supervision, and that the some is two on this plan was planted from the different my supervision, and that the some is two onder my supervision, and that the some is two onder my supervision, and that the some is two on this plan was planted from the different my supervision. Sec. 1 hereby certify that the some is two one of the some is two one of the so				L	 		
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SUBMIT IN TRIPLICATE*

(Other instructions on reverse side)

Form approved. Budget Bureau No. 42

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5. LEASE DESIGNATION AND SERIAL NO

•	GEOL	OGICAL SURV	EY -			SF-078019		
APPLICATION	Y FOR PERMIT	TO DRILL.	DEEPI	N. OR PLUC	BACK	6. IF INDIAN, ALLOTTEE OR TRIBE NAME		
1a. TYPE OF WORK								
	ILL X	DEEPEN		PLUG I	BACK 🗌	7. UNIT AGREEMENT NAME		
b. TYPE OF WELL OIL GOWELL WELL W	AS X OTHER			NGLE Z MU	LTIPLE	8. FARM OR LEASE NAME		
. NAME OF OPERATOR						E. H. Pipkin		
Energy Res	serves Group, 1	Inc:				9. WELL NO.		
. ADDRESS OF OPERATOR						8 E		
P. O. Box		Casper, Wyon				10. FIELD AND POOL, OR WILDCAT		
. LOCATION OF WELL (R At surface	eport location clearly an	d in accordance wi	th any S	tate requirements.*)		_Basin Dakota		
0						11. SEC., T., B., M., OR BLK. AND SURVEY OR AREA		
At proposed prod. zon	e 950' FSL & 79	00' FEL (SE)	(SE)			1		
						Sec 1, T27N-R11W		
4. DISTANCE IN MILES	AND DIRECTION FROM NE.	AREST TOWN OR POS	T OFFICE	•		12. COUNTY OR PARISH 13. STATE		
Approx 7 n	<u>giles south & l</u>	ኔ miles eas	t of	Bloomfield,	N.M.	San Juan N. Mexic		
LOCATION TO NEAREST	r				' I'. K	THIS WELL /		
(Also to nearest drig	g. unit line, if any) 🖊 🤊	00'		060		OTARY OR CABLE TOOLS		
18. DISTANCE FROM PROP TO NEAREST WELL, D	RILLING, COMPLETED,	1001				Y.,		
OR APPLIED FOR, ON THE		'00 '	6.	300 '	Rot	22. APPROX. DATE WORK WILL START*		
	. (ungraded)							
37 30 31						Sept. 1979		
		PROPOSED CASI	NG ANI	CEMENTING PRO	GRAM			
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER F	001	SETTING DEPTH		QUANTITY OF CEMENT		
12½"	8 5/8"			_i_		surface		
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7_7/8" Energy Res	4½" eves Group, In	10.5#	to d		ove refe	renced well with rotary the Basin Dakota @ 6105'.		
7 7/8" Energy Res	eves Group, In surface to T.	c. proposes D. Proposed	to d	rill the abo	ove refe	renced well with rotary he Basin Dakota @ 6105'.		
7_7/8" Energy Res	eves Group, In surface to T.	c. proposes D. Proposed	to de zone	6300' ⁺ Frill the abo	ove refe	renced well with rotary he Basin Dakota @ 6105'.		
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to New Maxico Order R-1670-V-See Instructions On Reverse Side U.S. G. satisfication effective July 1, 1979. at South

5. STATE OF NEW MEXICO

ENERGY AND MINGRALS VERPONDENT OIL CONSERVATION BIVES OF STRICT OFFICER 8 48

GARREY CARRUTHERS GOVERNOR

10(X) PIO BHAZOS ROAD AZTEC, NEW MEXICO 07410 (505) 334-6178

Date: 1-19-90
Oil Conservation Division P.O. Box 2088 Santa Fe, NM 87504-2088
Re: Proposed MC Proposed DHC Proposed NSL Proposed SWD Proposed WFX Proposed PMX
Gentlemen:
I have examined the application dated 1-12-90
for the BHA PATROLEUM E.H. PEPKIN # 8E Operator Lease & Well No.
$\frac{\mathcal{P}_{-}/-27\mathcal{N}_{-}//\mathcal{W}}{\text{Unit, S-T-R}}$ and my recommendations are as follows:
Afgrove
Yours truly,
Enic Bush