Form 3160-3 (November 1983) (formerly 9-331C)	DEPARTMENT	ED STATES	RIOR	SUBATTIN TRI Other instruct reverse sid	tions on ie)	Form approv Budget Bure Expires Au 5. LEASE DESIGNA	rion Ani	
	N FOR PERMIT	LAND MANAGEME		R PLUGGB	ACK	NM-056037 6. if indian, allo		TRIBE NAME
1a. TYPE OF WORK			<u></u>	ARTESIA, C PLUG BAC		7. UNIT AGEPEME	NT NAMI	.
WELL XA W 2. NAME OF OPERATOR	AS OTHER		SINGLE K	MULTIPL ZONE	•	8. FARM OR LEASE Henshaw F 9. WELL NO.		al
Petrus Oil Co 3. Address of Operator						2		
4. LOCATION OF WELL (R At surface	Drive, Suite 160 Report location clearly and and 660' FFL	in accordance with any	State requ	airements.•)	Ø	10. FIELD AND PO Wildcat - 11. SEC., T., E., M. AND SUBVEY C	Atc	oka
Same	and 660' FEL,		·			Sec. 15, 12. COUNTY OF PA	T16S	, R30E
	Les North of Loc					Eddy		NM
15. DISTANCE FROM PROP LOCATION TO NEARES PROPERTY OR LEARE 1 (Also to nearest dri	USED* T LINE, FT. g. unit line, if any)	660	NO. OF ACE		то тн 320	F ACRES ASSIGNED HIS WELL)		
18. DISTANCE FROM FROM TO NEAREST WELL, D OR APPLIED FOR, ON TH	DRILLING, COMPLETED,		10,700			RY OR CABLE TOOLS	-	
21. ELEVATIONS (Show wh						22. APPBOX. DAT October		
3816' GF		PROPOSED CASING A		NTING PROGRA	<u>м</u>	Occoper	<u>ر</u> ار	1907
SIZE OF HOLE	BIZE OF CASING	WEIGHT PER FOOT		TING DEPTH	1	QUANTITY OF C	EMENT	
17-1/2"	13-3/8"	54.50#	- 1 ±500	+450' \$75	300 s	sx (Circulat	(bec	
12-1/4"	8-5/8"	24 & 32#	±300	0		sx (Circulat		
7-7/8"	5-1/2"	17 & 20#	T.D.			t to isolate ater zones	e all	oil, gas
	ns are to drill f oil and gas.	to the Atoka	format	ion and te	st for	possible co	ommer	
Selectively p	perforate and tr	reat pay sectio	ons of	interest.				NEL AF
B.O.P. sketch	n is attached.			j		GARESBAR STOUR AREA HEADQUAR FER	Oct 13 8 17	RECEIVED
IN ABOVE SPACE DESCRIBI zone. If proposal is to preventer program, if an	E PROFOSED PROGRAM : If drill or deepen directions y.	proposal is to deepen or ally, give pertinent data	plug back on subsur	, give data on pr face locations an	esent produ d measured	uctive sone and pr		ew productive
81G NED JUL OM	Ω.	n Jourdan _{TITLE}	Regula	tory Coord	inator	DATE	-06-8	7
(This space for Fede	eral or State office use)							
PERMIT NO.		÷	APPROVA				-10	F7
APPROVED BY	AL, IF ANY :	ugef TITLE				DATE	19	-0 /
		*See Instruction	0.0	. C . 1.				

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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 there is any later personal comparison of the there is a comp

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NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

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Form C-102 Supersedes C-128 Effective 1-1-65

A 11	distances	must be	from	the	outer	boundaries	of	the	Section
	MARIE C C P	ILLIGE C DE		ure	outer.	00 401041109	•••		

		All distances must be fro		of the Section.		
Operator PETRUS OIL COMPANY L. P.			Lease Henshaw Federal			Well No. 2
Unit Letter	Section	Township	Range	County		·
I	15	16 South	30 East	<u>E</u>	ddy	
Actual Footage Lo 2310		South line and	660	eet from the E	ast	line
Ground Level Elev	feet from the Producing For		Pool	cer nom me		ated Acreage:
3816.		oka	Wildcat	- Atoka		320 Acres
1. Outline t	he acreage dedica	ted to the subject we	ll by colored pencil	or hachure ma	irks on the pla	t below.
	han one lease is and royalty).	dedicated to the well, A	, outline each and i	lentify the owr	nership thereof	f (both as to working
		ifferent ownership is d initization, force-poolin		, have the inte	erests of all o	wners been consoli-
🗌 Yes	No If a	nswer is "yes," type of	consolidation			
	is "no," list the if necessary.)	owners and tract descr	iptions which have	actually been	consolidated.	(Use reverse side of
	•	ed to the well until all	interests have been	consolidated	(by communit	ization, unitization,
		or until a non-standard				
sion.				<u> </u>		
					CER	TIFICATION
			J İ			
			l		I hereby certify	that the information con-
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	1		l		best of my knowl	edge and belief.
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	+			u	Sunan Jour	buzann Jourdan
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			l	C	ompany	cory coordinator
	i				Petrus	; Oil Company, L.
	1		1	ם	ate 10-06-	87
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	l			660'	PAN R. R	EDOX
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	i I			R	egistered Profess	ional Engineer
	1			a1	nd/or Land Survey	yor 1 1 -
	 		 		Van R.	Keddy
					ertificate No.	4
0 330 660	90 1320 1650 198	0 2310 2640 2000	1500 1000	500 0	NM PE&LS NO	J. 5412

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- Flowline
 Bell Mipple
 Fill Up Line
 Bag Preventer
 Hydraulic Ran Preventers
 Cide Cutlets
 Date Valve

- 8.
- 9. 10.
- Gate Valve Kill Line Drilling Moosl
- 11.
- 12.
- 13.
- Flance Sate Valve Casin (Lee) Line to Coole (Leifeld) 14.

SUPPLEMENTAL DRILLING DATA

Petrus Oil Company, L. P. Henshaw Federal No. 2 2310' FSL & 660' FEL Sec. 15, T16S, R30E Eddy County, New Mexico NM-11327

The following information is in accordance with "Onshore Oil and Gas Order" No. 1:

- 1. Geologic Name of Surface Formation: Recent
- 2. Estimated Geological Marker Tops:

San Andres	2,950'	Strawn	9,480'
Glorietta		Atoka	10,020'
Tubb	5,700'	Morrow	10,440'
Abo	6,450'	Chester	10,650'
Wolfcamp	7,650'	T.D.	10,700'
Cisco	8,800'		·

3. Estimated Depths to Water, Oil and Gas:

Water: Above 320' Oil & Gas: Morrow below 10,440'

4. Proposed Casing and Cement Program:

Surface: Set approximately 500', 13-3/8", 54.5#, J-55, ST&C casing. Cement to surface with 300 sx Class "C" cement, 2% CaCl.

Intermediate: Set approximately 3,000' (Top S.A.), 8-5/8", 24 & 32# K-55, ST&C casing. Cement to surface with 1100 sx Class "C" cement.

Production: Set to total depth, 5-1/2", 17 & 20.0#, N-80, LT&C casing. Cement with Class "H" cement to isolate all oil, gas and water zones.

5. Proposed Mud Program:

0 - 375'	Native mud system
375 - 3,100'	Native mud system converting to brine cut mud
	Brine cut mud system
6,000 - T.D.	Brine cut mud system, mud weight 9.4#/gal, viscosity
	33-38, water loss 10cc or less

6. Proposed Testing, Logging and Coring Programs:

Testing: Possibly four (4) DST's as follows: 1. Wolfcamp 8,500' 2. Cisco 9,300' 3. Atoka 10,400' 4. Morrow 10,600'

Logging: CNL-FDC from surface to total depth DLL from 3000 to total depth Mini-log from 3000 to total depth

Coring: None anticipated

- 7. <u>Auxiliary Equipment</u>: A kelly cock will be located on the rig floor while drilling operations are in progress.
- 8. <u>Abnormal Pressures or Temperature Zones</u>: No abnormal pressures or temperature zones are anticipated.
- 9. Pressure Control Equipment:

13-3/8" Casing - An annular type B.O.P. will be installed on the 13-3/8" casing.

8-5/8" Casing - A Two Ram type B.O.P. with a Hydril will be installed on the Intermediate casing string. B.O.P. is rated to 5000 psi working pressure.

10. Anticipated Starting Date: Drilling will commence October 31, 1987.



EXHIBIT 'B' Petrus Oil Company, L. P. Henshaw Federal No. 2 2310' FSL & 660' FWL Sec. 15, T16S, R30E Eddy County, N.M.



EXHIBIT 'C' Petrus Oil Company, L. P. Henshaw Federal No. 2 2310' FSL & 660' FEL Sec. 15, T16S, R30E Eddy County, New Mexico