A. M. OR	CONS. COMMUNIC	OPER. OG	AID N	0 5073					
Form 3160-3 P. O. BOX		PROPERT	Y NO.	3083	ATE*	FORM APPR OMB NO. 10	04-0136		
	DEPARTMENT	POOL CO	DE	57380	r	Expires February			
			-	2 100 19-	,	5. LEASE DSIGNATION A	•		
	BUREAU OF L	ANEFF. DAIL	<b>د</b> ۲	)/20/(1	<u> </u>	LC 03162	0A		
APPLIC	CATION FOR PE	RIAPINO	30	-025-3384	(b	6 IF INDIAN, ALLOTTEE	DR TRIBE NAME		
1a. TYPE OF WORK D R II b. TYPE OF WELL	LL 🛛	D <del>el</del> pen L				7 UNIT AGRREEMENT NA	ME		
OIL GAS	S OTHER		\$ I N 2 O			8. FARM OR LEASE NAME WEL			
2. NAME OF OPERATOR						SEMU	termia		
	onoco Inc.					9. APIWELL NO			
a. ADDRESS AND TELEPHONE NO						130			
	Dr. Ste 100W, Midland			(915) 686-654	8	10. FIELD AND POOL OF	JOST 1000		
4 LOCATION OF WELL At surface	(Report location clearly an					Wildeat Grayburg San Andres			
Att Surface		660 FSL &	1980 1	FWL		11. SEC, T., R., M., OB B AND SURVEY OR ARI	LK EA		
At proposed prod. zone		660 FSL &	1980	FWL Unit,	N	Sec. 24, T-20S			
14. DISTANCE IN MILES AN	D DIRECTION FROM NEAR	ST TOWN OR POS	TOFICE	•		12 COUNTY OR PARISH	13. STATE		
						Lea	NM		
5. DISTANCE FROM PROPOS LOCATION TO NEAREST PROPERTY OR LEASE L	INE, FT.		16 N O	OF ACRES IN LEASE	17. NO. OF TO TH	ACRES ASSIGNED HIS WELL 40			
(Also to nearest drig 8 DISTANCE FROM PROPO			19. PRC	POSED DEPTH	20. ROTAR	Y OR CABLE TOOLS			
TO NEAREST WELL, DR OR APPLIED FOR, ON THIS				4300'		Rotary			
21. ELEVATIONS (Show whe					<u> </u>	22. APPROX. DATE WO	RK WILL START*		
·		3526' GR				4/15/9	7		
2 3	]	PROPOSED CASIN	G AND	CEMELEAG COUN	ty con	TAW CELED WAT	ER BASIN		
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FO		SETTING DEPTH		QUANTITY OF CEMEN			
12-1/4"	K-55 8-5/8"	#23		400'	1	325 sxiitness			
7-7/8"	K-55 5-1/2"	#15.5		4300'		750 sxs, circ.			
					1				

It is proposed to drill a vertical wellbore as a Grayburg-San Andres producer according to the plan submitted in the follow attachments:

1. Well Location and Acreage Dedication Plat (C-102)

- 2. Proposed Well Plan Outline
- 3. Surface Use Plan
- 4. EXHIBIT A: Vincinity and Lease Road Map
- 5. EXHIBIT B: 7.5 " Quadrangle Topo Map.
- 6. EXHIBITS C.1 C.5: Pipeline & electric line plats
- 7. EXHIBIT D: Trailer-mounted rig layout
- 8. BOP & Choke Manifold Specifications

9. H2S Drilling Operations Plan.

10. Surface Owner Settlement Letter

An archeological survey will be submitted as soon as completed.

The undersigned accepts all applicable terms, conditions, stipulations, and restrictions concerning operations conducted on the leased land or portion thereof, as described above and as covered by BLM Bond File No. ES-0085.

SIGNED COMMA	Jerry W. Hoover TITLE Sr. Conservation Coordinator	DATE	2/24/97
(This space or Federal or State office us			
PERMIT NO	APPROVAL DATE		
Application approval does not warrant or certify that	e applicant holds legal or equitable title to those righs in thc subject lease which	h would entitle the applica	int to conduct operations
CONDITIONS OF APPROVAL, IF ANY:			
	IDM. MINERALS	-	· / /·· 7

APPROVED BY		_ DATE	5-26-41
	 ~ .		

## \*SeeInstructions On Reverse Side

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.

2	e	1	

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**GENERAL REQUIREMENTS AND** SPECIAL STIPULATIONS ATTACHED

APPROVAL SUBJECT TO

District I PO Box 1980, Hobbs, NM 88241-1980 District II PO Drawer DD, Artesia, NM 88211-0719 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV PO Box 2088, Santa Fe, NM 87504-2088 State of New Mexico Energy, Minerals & Natural Resources Department

. . .

OIL CONSERVATION DIVISION PO Box 2088 Santa Fe, NM 87504-2088 Form C-102 Revised February 21, 1994 Instructions on back Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

\_ AMENDED REPORT

		W	ELL LO	OCATIO		REAGE DEDI				
3D-03	I Number	3896	57:	* Pool Ca 380/	ode	Skag Villat Gr	ayburg - S	ine Wi	laca	·F
<sup>1</sup> Property			- <b></b>		*Property		/			ell Number
00308					SEMU	J Perm	rian		130	
'OGRID					*Operator				•	Elevation
005073					CONOC					3526
		<u>.                                    </u>		، 	°Surface I	Location		<u> </u>		
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/We		County
N	24	20-S	37-E		660	SOUTH	1980	WE	SI	LEA
		'' <u>I</u>	Bottom	Hole	Location If	Different Fi	om Surfac	e		
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/We	st line	County
<sup>12</sup> Dedicated Acro	<sup>13</sup> Joint	or Infill "Co	onsolidatio	n Code 13	Drder No.					
4-0	Joint		onsonaario.		JI 461 110.					
NO ALLOW	ABLE W	ILL BE AS	SSIGNEI	) TO TH	IS COMPLETI	ON UNTIL ALL	INTERESTS	HAVE B	EEN CO	NSOLIDATED
		OR A N	ION-STA	ANDARD	UNIT HAS B	EEN APPROVEI	D BY THE DI	VISION		
16								RATOR	CERT	IFICATION
				1						contained herein is
							11	-		knowledge and belief.
							1		nI	
							1/01	мЛЛ	Har	NM
			<u>.</u>				Signature	· y y y y	100	
							<u> </u>		W. HO	OVER
							SR CON		ION C	OORDINATOR
							Title			
								124,	197	
							Date			
							18 SURV	VEYOR	CERT	IFICATION
							I hereby certi	ty that the w	ell location	shown on this plat
							- II -	supervision, a	nd that the	surveys made by me same is true and
								JANUAR	16	1997
							Date of Sur	vey	ARLF	00
							Signature a			Ex Surveyor
							E	REGISTE	827	NAL LAND
	1980'	.099					Car		OFECAN	LAND ST
		96		H			Certificate N	lumber	-3510	70

### **PROPOSED WELL PLAN OUTLINE**

WELL NAME

### SEMU NO. 130 1980' FWL & 660' FSL, SEC. 24, T-20S, R-37E, LEA CO.

0 4 900	MD	FORMATION TOPS & TYPE	DRILLING PROBLEMS	TYPE OF FORMATION EVALUATION	HOLE	CASING	DEPTH	FRAC GRAD	FORMATION PRESSURE GRADIENT	MUD	MUD	DA
0			POSSIBLE HOLE ENLARGEMENT AND		12-1/4"	8-5/8"	400'		NORMAL	8.4 - 9.5	FRESH	
ŀ						M50 23#, K-55, ST&C 325 sx, circ cmt	400			10	BRINE	3
1		RUSTLER 1215'	WASHOUTS IN SALT									
-			SECTION F/1400' - 2600'									
2												
		YATES 2658'										
		SEVEN RIVERS 2712										
3					7-7/8"							
		QUEEN 3475' PENROSE 3591'	PRESSURE DEPLETED POSSIBLE LOSSES AND SEEPAGE TO TOTAL DRILLING THROUGH EXISTING									
		GRAYBURG 3744' SAN ANDRES 3888'	WATERFLOOD	HZS MONITOR ON (@ 3000								
4		TD @ 4300'		GR-CAL-DLL-MLL and FDC-CNL-PE-2600' to TD		5-1/2"	4300'		LESS THAN 8.3 BHP = 1800 psi	10	STARCH- GEL@TD	
				Pull GR/NL-CAL to surface		15.5#, K-55, LT&C 750 sx, circ cmt						
5												
-												
6												
7												
8												
		]										

APPROVED

Roger Williamson DRILLING ENGINEER

# **BOP SPECIFICATIONS**

