Form 3160-3 (November 1983) (formerly 9-331C)  PIN OF COMMISSION  Draw WPTED STATES  Arterial			OW	SUBMIT IN (Other in rever.	IPLICATE print on alde)	Form approved. Budget Bureau No. 1004-0136 Expires August 31, 1985	
(formerly 9-331C)	EIVED BY THE NA	MOBSELLE I	NTER	IOR	siuc y		IST 31, 1985
	BŪREAU PF	LAND MANA	SEMEN	<u>T</u>		NM-055449	
APPLICA	188BERMI	O DRILL, I	DEEPE	N, OR PLUG	BACK	6. IF INDIAN, ALLO	TEE OR TRIBE SAME
b. TIPE OF WELL ARTE	LICKD.	DEEPEN [		PLUG BA	CK 🗌	7. UNIT AGREEMEN	r name
OIL VI	OIA, OFFICE OTHER		812 201	NGLE MULTI	IPLE	8. FARM OR LEASE	NAME
2. NAME OF OPERATOR						ROSS DRAW	UNIT
	C. WILLIAMSON					9. WELL NO.	
3. ADDRESS OF OPERATOR	O. BOX 16 MID	LAND, TEXAS	707	102		16 10. FIELD AND POOL	
4. LOCATION OF WELL (Re					×	<b>↑</b>	
At surface	80' FSL & 1650'	FWI		, ,		11. SEC., T., R., M.,	OR BLK.
At proposed prod. zone				ut.	1/		T-26-S, R-30-E
14. DISTANCE IN MILES A						12. COUNTY OR PARI	Į.
20 mi 15. DISTANCE FROM PROPO	les SW of Malag	a, New Mexi		OR ACRES IN VEIGE	1 17 10 0	EDDY	NEW MEXICO
LOCATION TO NEAREST PROPERTY OR LEASE L (Also to nearest drig	ine, pt. 6	60'	16. NO.	6. NO. OF ACRES IN LEASE 17. NO. OF TO T		OF ACRES ASSIGNED HIS WELL 40	
18. DISTANCE FROM PROPORTION NEAREST WELL, DE	OBED LOCATION		19. PRO	POSED DEPTH	ŧ	RY OR CABLE TOOLS	
OR APPLIED FOR, ON THE	s lease, ft. 0	60'	·	7500'		ROTARY	
21. ELEVATIONS (Show whe	ther DF, RT, GR, etc.)	3009.7	GR			i e	WORK WILL START*
23.		PROPOSED CASI	NG AND	CEMENTING PROGRA	AM	<del></del>	
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER F	00т	SETTING DEPTH		QUANTITY OF CE	
17-1/2"	13-3/8"	54.5#		800'		x. to circula	
11"	8-5/8"	24# & 32	<u>'</u> #	3300'	150s	x to tie bac	k to base of sa
7-7/8"	5-1/2"	15.5#		6800'	1100	sx in 2 stage	es
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				1 7		•	
					GOZZ.		
				)		ं <b>ं)</b> 	
					N•		
in above space describe zone. If proposal is to preventer program, if any	delli or deepen directions	proposal is to deep lly, give pertinent	en or pl	ug back, give data on p subsurface locations a	resent produ nd measured	uctive sone and propo l and true vertical de	osed new productive pths. Give blowout
24.	Hasty			· - · · · · · · · · · · · · · · · · · ·	<del></del>		
SIGNED	F1.201	<b>T</b> IT	'LE	Agent		DATE JU	ly 30, 1985
(This space for Feder	ral of State office use)						
PERMIT NO.	<i></i>	·		APPROVAL DATE			
<u>(</u> 6.3.65						4.	24-85
APPROVED BY TITLE CONDITIONS OF APPROVAL, IF ANY:					DATE	- (	
				On Reverse Side		APPROVAL S GENERAL RE SPECIAL STII	QUIREMENTS AND

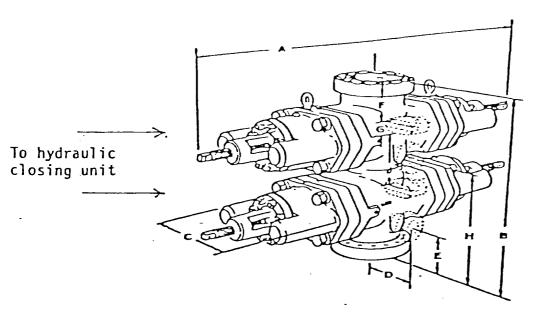
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department gener of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Senior Se			All distances must be from	n the outer boundaries of the So	ction	
Section   Section   Towards   Page	heta;c;					#e., ta:
Counting the second of white   Counting the second of the subject well by colored pencil or hachure marks on the plat below.    If more than one lease is dedicated to the well, nutline each and identify the ownership thereof (both as to working interest and royalty).    If more than one lease is dedicated to the well, nutline each and identify the ownership thereof (both as to working interest and royalty).    If more than one lease of different ownership is dedicated to the well, have the interests of all owners been considered by communitization, unitization, force-pooling, etc?    Ves			Township		nty	
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The control of the	1					
Emacine Formative  1. Outline the acreage dedicated to the subject well be colored pencil or harbure 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 worsing interest and royalty).  N/A  3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been considered by communitization, unitization, force-pooling, etc?  1. Tes No. If answer is "no." list the owners and tract descriptions which have actually been consolidated. (Use reverse size of this form increasing).  1. All which list the owners and tract descriptions which have actually been consolidated. (Use reverse size of this form increasing) or until a non-standard unit, eliminating such interests, has been approved by the Commission.  1. All which is a subject of the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.  1. All which is a subject of the well facetion is a subject of the commission.  1. All which is a subject of the well facetion is a subject of the commission.  1. All which is a subject of the commission of the subject of the commission of the subject of the subj			Criminal inner cond	if all test from	tne X. S.T.	lice
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# EXHIBIT "E"

# BOP\_Diagram

After 8-5/8" intermediate casing has been set and cement placed around bottom of this pipe, the 13-3/8" casing will be orange peeled into the 8-5/8" casing and then an 11" double ram BOP, as shown below will be put on the hole. This blowout preventer will be connected to a hydraulically controlled closing unit. The pressure rating on this BOP is 3000#, and will have blank and 5-1/2" pipe.



J.C. WILLIAMSON
ROSS DRAW UNIT #16
26-26-30
EDDY COUNTY, NEW MEXICO

#### SUPPLEMENTAL DRILLING DATA

# J.C. WILLIAMSON WELL ROSS DRAW #16

# SURFACE FORMATION: Quaternary Alluvium

# 2. ESTIMATED TOPS OF GEOLOGIC MARKERS:

Rustler Anhydrite	750'
Lamar Shale	3300'
Ramsey Sand	3350'
Olds Sand	3400'
Top Cherry Canyon	4450'
Top Brushy Canyon	5500'

# 3. ANTICIPATED POSSIBLE WATER AND HYDROCARBON BEARING ZONES:

Fresh Water	above	300'
Delaware (oil)	3300'	- 3400'
Brushy Canyon (oil)	5500'	- 5800'

### 4. PROPOSED CASING AND CEMENTING PROGRAM:

Casing program is shown on Form 9-331 C.

Hole for surface casing will be drilled to a depth below fresh water zones. 13-3/8" surface casing will be run to 800 feet, below all fresh water zones and will be cemented to the surface with 800 sacks of Class "C" cement, which is sufficient to circulate cement on this pipe.

8-5/8" casing will be run and cemented at 3300 feet, prior to entering delaware section and will be cemented with 150 sacks of Class "C" cement at 3300 feet, tying same back into salt section.

5-1/2" casing will be run to total depth and will be cemented at a total depth if significant shows are encountered in the Brushy Canyon formation. The second stage of the cement procedure should tie the  $5\frac{1}{2}$  casing back into the 8-5/8 intermediate.

#### 5. PRESSURE CONTROL EQUIPMENT:

Pressure control equipment will consist of a 3000# double ram hydraulically controled blow out preventer and a 3000# choke manifold.

#### 6. CIRCULATING MEDIUM:

The circulating medium will be fresh water down to 800 feet and brine water in the rest of the hole, once the water saturates itself naturally with salt.

#### AUXILARY EQUIPMENT:

Not Applicable.

