Form 9-331 C		P O J	HENN W	XICO <sup>SUBMIT IN TH</sup>	RIPLICATE	• Form approv	ed.
(May 1963)				(Other instru	ctions on	Budget Burea	u No. 42-R1425.
	UNITED STATES (Other Anstal actions of reverse side)					30-025-29986 5. lease designation and seeial no.	
APPLICATION	N FOR PERMIT TO	O DRILL, D	DEEPE	N, OR PLUG E	BACK	6. IF INDIAN, ALLOTTE	E OR TRIBE NAME
la. TYPE OF WORK							
		DEEPEN		PLUG BA	ск 🗌	7. UNIT AGBEEMENT N	AME
b. TYPE OF WELL OIL V G:	AS		SINGLE WULTIPLE			8. FARM OR LEASE NAME	
WELL A WELL OTHER			ZONE X ZONE				
Highland Production Company				and the second sec		Conoco Federal	
3. ADDRESS OF OPERATOR	Inceron company					3	
810 N. Dixie	Blvd., Suite 202	2. Odessa.	Texa	79761		J 10. FIELD AND POOL, (	OR WILDCAT
4. LOCATION OF WELL (R	eport location clearly and i	n accordance wit	h any St	ate requirements.*)		East Mason (	
660' FEL and 990' FSL					11. SEC., T., B., M., OR BLK. AND SURVEY OF AREA		
At proposed prod. zon	e					Section 19,	
660' FEL and 990' FSL						R-32-E, NMPM	
	AND DIRECTION FROM NEARE		OFFICE		Į.	12. COUNTY OR PARISH	
	of Jal, New Mexic	20		0.,		Lea	New Mexico
15. DISTANCE FROM PROPULOCATION TO NEAREST	г — — — — — — — — — — — — — — — — — — —			OF ACRES IN LEASE		OF ACRES ASSIGNED HIS WELL	
PROPERTY OR LEASE L (Also to nearest drig	z. unit line, if any if	EL	16			40	
18. DISTANCE FROM PROP TO NEAREST WELL, D	OSED LOCATION* RILLING, COMPLETED, IS LEASE, FT. 1360.6			POSED DEPTH	20. ROTA Rotar	ry or CARLE TOOLS	Cable Tool
			45	····		Pav. (4310)	
21. ELEVATIONS (Show whe	ther DF, RT, GR, etc.)					22. APPBOX. DATE WO	ORK WILL START*
<u>3167.35 GR</u>						July 10, 19	987
	PR	OPOSED CASIN	IG AND	CEMENTING PROGRA	M		
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FO	FOOT SETTING DEPTH			QUANTITY OF CEMENT	
12 1/2"	8_5/8"	24#		1,200 Feet	125 5	X Class C Circ	ulate
7 7/8"	5 1/2"	15.5#		4,550 Feet	1200 5	X HLC/W Class	C Circulate
	1						
Additional In							
1. Surface fo	ormation is Terti	iary with s	some [	riassic expose	 ed.		
1. Surface fo 2. Estimate g	ormation is Terti geological tops:	Rustler -	950'	Anhydrite -	 ed. 1,000',	Top Salt - 1,	300',
<ol> <li>Surface fo</li> <li>Estimate g</li> <li>Lamar Lime</li> </ol>	ormation is Terti geological tops: e - 4,100', Delaw	Rustler - vare Top -	950' 4,310	Anhydrite - 1	1,000',		
<ol> <li>Surface for</li> <li>Estimate generation</li> <li>Lamar Lime</li> <li>Pressure construction</li> </ol>	ormation is Terti geological tops: 2 - 4,100', Delaw control equipment	Rustler - vare Top - : Double h	950' 4,310 1ydrau	Anhydrite - 1 )'. (lic pressure )	1,000', tested	to 3.000 PSI.	full
<ol> <li>Surface for</li> <li>Estimate generation</li> <li>Lamar Lime</li> <li>Pressure construction</li> </ol>	ormation is Terti geological tops: e - 4,100', Delaw control equipment ydril on top test	Rustler - vare Top - : Double H ced to 3,00	950' 4,310 nydrau 00 PS	Anhydrite - ( )'. lic pressure ( . Pressure co	1,000', tested	to 3.000 PSI.	full
<ol> <li>Surface for</li> <li>Estimate generation</li> <li>Lamar Lime</li> <li>Pressure construction</li> <li>Closing hy</li> <li>Testing with</li> </ol>	ormation is Terti geological tops: e - 4,100', Delaw control equipment ydril on top test ll be on install	Rustler - vare Top - : Double H red to 3,00 Lation, dai	950' 4,310 nydrau 00 PS 11y ar	Anhydrite - ( ). (lic pressure ( . Pressure co d on trips.	l,000', tested ontrol	to 3,000 PSI, diagram is att	full ached.
<ol> <li>Surface for</li> <li>Estimate generation</li> <li>Lamar Lime</li> <li>Pressure of closing hy Testing with</li> <li>Proposed of control</li> </ol>	ormation is Terti geological tops: e - 4,100', Delaw control equipment dril on top test all be on install circulating mediu	Rustler - vare Top - : Double f ted to 3,00 lation, dai um: 0 - 1,20	950' 4,310 nydrau 00 PS 1y ar 00' -	Anhydrite - 1 ). llic pressure a . Pressure co d on trips. Spud Mud, 1,20	l,000', tested ontrol	to 3,000 PSI, diagram is att	full ached.
<ol> <li>Surface for</li> <li>Estimate generation</li> <li>Lamar Lime</li> <li>Pressure of closing hy Testing with</li> <li>Proposed of S. Estimate with</li> </ol>	ormation is Terti geological tops: a - 4,100', Delaw control equipment dril on top test ll be on install circulating mediu	Rustler - vare Top - t: Double H ted to 3,00 lation, dai um: 0 - 1,20 atter from 8	950' 4,310 nydrau 00 PS 11y ar 00' -	Anhydrite - ( ). lic pressure ( . Pressure co d on trips. Spud Mud, 1,20 o 950'.	l,000', tested ontrol	to 3,000 PSI, diagram is att	full ached.
<ol> <li>Surface for</li> <li>Estimate generation</li> <li>Pressure constraints</li> <li>Pressure with</li> <li>Proposed constraints</li> <li>Estimate with</li> <li>Estimate with</li> </ol>	ormation is Terti geological tops: a - 4,100', Delaw control equipment ydril on top test all be on install circulating mediu yill encounter way	Rustler - vare Top - t: Double h ted to 3,00 lation, dai um: 0 - 1,20 hter from 8 .1 at 4,310	950' 4,310 nydrau 00 PS 11y ar 00' - 390' t	Anhydrite - ( ). lic pressure ( . Pressure co d on trips. Spud Mud, 1,20 o 950'.	l,000', tested ontrol	to 3,000 PSI, diagram is att	full ached.
<ol> <li>Surface for</li> <li>Estimate generation</li> <li>Pressure constraints</li> <li>Proposed constraints</li> <li>Proposed constraints</li> <li>Estimate wor</li> <li>Estimate wor</li> <li>Logging Proposed constraints</li> </ol>	ormation is Terti geological tops: a - 4,100', Delaw control equipment adril on top test all be on install circulating mediu will encounter wa will encounter of cogram: Gamma Ray	Rustler - vare Top - t: Double H ted to 3,00 lation, dai um: 0 - 1,20 ter from & ter from & 1 at 4,310 v Neutron I	950' 4,310 nydrau 00 PS 11y ar 00' - 390' t	Anhydrite - ( ). lic pressure ( . Pressure co d on trips. Spud Mud, 1,20 o 950'.	l,000', tested ontrol	to 3,000 PSI, diagram is att	full ached.
<ol> <li>Surface for</li> <li>Estimate generation</li> <li>Pressure of closing hy Testing with</li> <li>Proposed of</li> <li>Estimate with</li> <li>Estimate with</li> <li>Logging Problem 8. No coring</li> </ol>	ormation is Terti geological tops: a - 4,100', Delaw control equipment dril on top test ll be on install circulating mediu will encounter wa vill encounter oi cogram: Gamma Ray or drill stem te	Rustler - vare Top - t: Double H ted to 3,00 lation, dai um: 0 - 1,20 later from & l at 4,310 v Neutron I esting.	950' 4,310 nydrau 00 PS 11y ar 00' - 390' t 0 feet 20g.	Anhydrite - ( ). (lic pressure ( ). Pressure co d on trips. Spud Mud, 1,20 (o 950'.	1,000', tested ontro1 00-4,55	to 3,000 PSI, diagram is att 0 - Brine Wate	full ached.
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<ol> <li>Surface for</li> <li>Estimate generation</li> <li>Pressure of closing hy Testing with</li> <li>Proposed of Settimate with</li> <li>Estimate with</li> <li>Estimate with</li> <li>Logging Prime</li> <li>No coring</li> <li>No abnormation</li> <li>Anticipate</li> </ol>	prmation is Terti geological tops: a - 4,100', Delaw control equipment dril on top test ll be on install circulating mediu vill encounter way vill encounter of cogram: Gamma Ray or drill stem te l pressures or t e startubg date u	Rustler - vare Top - t: Double H ted to 3,00 lation, dai im: 0 - 1,20 ter from 8 l at 4,310 v Neutron I esting. temperature is July 10,	950' 4,31( hydran 00 PS 11y ar 00' - 390' t 0 feet 0 feet 0 feet 1987	Anhydrite - ( ). (lic pressure ( ). Pressure co d on trips. Spud Mud, 1,20 o 950'. expected to h	1,000', tested ontrol 00-4,55	to 3,000 PSI, diagram is att 0 - Brine Wate untered.	full ached. er.
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