SUBMIT IN TRIPLICATE*

Form approved. Budget Bureau No. 42-R1425.

(Other instructions on reverse side) 30 043 - 20577

5. LEASE DESIGNATION AND SERIAL NO.

UNITED STATES DEPARTMENT OF THE INTERIOR

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK In true or weak DRILL (2) DEEPEN DEEPEN DIJUG BACK THE WILL (3) DETERMINE TO STATE AND THE STATE OF TH		GEOLO	GICAL SURV	ΕY			NOO-C-14-20-5363		
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A SOURCE OF CREATOR 501 Airport Drive, Suite 114, Farmington, New Mexico 87401 10. Fible and Pool, OR Wildow 10. New Mexico 87401 11. Meximize Will (Report location clearly and in secondance with any State requirements.) 12. COUNTRY 18. M. OR REAL 18. Air proposed prod. Sort. R. M. OR REAL 18. Air proposed prod. Sort. R. M. OR REAL 18. Air proposed prod. Sort. R. M. OR REAL 18. Air proposed prod. Sort. R. M. OR REAL 18. Air proposed prod. Sort. R. M. OR REAL 18. Air proposed prod. Sort. R. M. OR REAL 18. Air proposed prod. Sort. R. M. OR REAL 18. Air proposed prod. Sort. R. M. OR REAL 18. Air proposed prod. Sort. R. M. OR REAL 18. Air proposed prod. Sort. R. M. OR REAL 18. Air proposed prod. Sort. R. M. OR REAL 18. Air proposed prod. Sort. R. M. OR REAL 18. Air proposed prod. Sort. R. M. OR REAL 18. Air proposed prod. Sort. R. M. OR REAL 18. Air proposed prod. Sort. R. M. OR REAL 18. Air prod. Sort. R. M.	2. NAME OF OPERATOR								
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21. RENATIONS (Show whether DF, RT, GR, etc.) 6732' GR. 11/1/80 22. AFTHOS. DATE WORK WILL START 6732' GR. 11/1/80 23. PROPOSED CASING AND CEMENTING PROTRAM SIZE OF HOLK SIZE OF HOLK 124" 8 5/8" 24# 100' 75 Sacks (Circulated) 64" 44" 10.5# 10.5# 1335' 375 Sacks (Circulated) Move in rotary tools. Drill 124" hole to 100'. Set 100' of new 8 5/8", 24#, K55 casing. Cement with 75 Sacks Class "B" Cement with 2% CaCl. Wait on cement 12 hours. Install 6" 900 Series BOP. Test to 500 psi before drilling out from under surface pipe. Check pipe rams daily and blind rams on trips. Drill 6%" hole to T.D. The geologic name of the surface formation is Naciemento. Gas is expected in the Chacra. All other formations are probably water bearing. Pertinent formation tops are estimated as Kirtland 155'; Fruitland 465'; Pictured Cliff 1025'; Chacra 1385'; and Cliffhouse 1805'. Mud system will be low solids non-dispersed. Mud weight 8.8-9.24/Gal. F.L. 8-1' cc, viscosity 30-50 sec./quart. No abnormal temperatures or pressures are anticipated. Logging program will be IES, FDC/CNL/GR with Caliper Log. If productive 44", 10.5#, K55 Casing will be run and cemented with 275 sacks 65/35 Poznix, 68 Gel, and 10% Gilsonite/sack. Program it and commented with 275 sacks 65/35 Poznix, 68 Gel, and 10% Gilsonite/sack. Program it and commented with 28 CaCl. Drilling should require approximately for the comment of the comment	TO NEAREST WELL, D	RILLING, COMPLETED,		19. PE	19. PROPOSED DEPTR 20. RO		TARY OR CABLE TOOLS		
PROPOSED CASING AND CEMENTING PROGRAM SIZE OF MOLE SIZE OF MOLE 125" 8 5/8" 24# 100' 75 sacks (Circulated) 64" 45" 10.5# 10.5# 10.5# 10.5# 10.5* Move in rotary tools. Drill 12½" hole to 100'. Set 100' of new 8 5/8", 24#, K55 casing. Cement with 75 sacks Class "B" Cement with 28 CaCl. Wait on cement 12 hours. Install 6" years and ally and blind rams on trips. Drill 6½" hole to T.D. The geologic name of the surface formation is Naciemento. Gas is expected in the Chacra. All other formations are probably water bearing. Pertinent formation tops are estimated as Kirtland 155'; Pruitland 465'; Pictured Cliff 1025'; Chacra 1385'; and Cliffhouse 1805'. Mud system will be low solids non-dispersed. Mud weight 8.8-9.2#/Gal. F.L. 8-10 cc, viscosity 30-50 sec./quart. No abnormal temperatures or pressures are anticipated. Logging program will be IES, FDC/CML/GR with Caliper Log. If productive 4½", 10.5#, K55 Casing will be run and cemented with 275 sacks 65/35 Pozmix, 6% Gel, and 10# Gilsonite/sack. Program is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical deepen of plug back, give data on present procuctive zone and program is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical deepen of plug back, give data on present procuctive zone and program is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical deepen and program. If any. 24. AS AMENDED APPROVALDATE TITLE Drlq. & Prod. Poreman DATE APPROVALDATE TITLE Drlq. & Prod. Poreman DATE DATE APPROVALDATE TITLE Drlq. & Prod. Poreman DATE				<u> </u>	1835'	<u> </u>			
PROPOSED CASING AND CEMENTING PROGRAM E SIZE OF HOLE SIZE OF HOLE SIZE OF CASING AND CEMENTING DEPTH UNDATE OF CEMENT 124" 8 5/8" 24# 100' 75 sacks (Circulated) 64" 44" 10.5# 1835' 375 sacks (Circulated) Move in rotary tools. Drill 12½" hole to 100'. Set 100' of new 8 5/8", 24#, K55 casing. Cement with 75 sacks Class "B" Cement with 2% CaCl. Wait on cement 12 hours. Install 6" 900 Series BOP. Test to 500 psi before drilling out from under surface pipe. Check pipe rams daily and blind rams on trips. Drill 6½" hole to T.D. The geologic name of the surface formation is Naciemento. Gas is expected in the Chacra. All other formations are probably water bearing. Pertinent formation tops are estimated as Kirtland 155'; Fruitland 465'; Pictured Cliff 1025'; Chacra 1385'; and Cliffhouse 1805'. Mud system will be low solids non-dispersed. Mud weight 8.8-9.2#/Gal. F.L. 8-10 cc, viscosity 30-50 sec./quart. No abnormal temperatures or pressures are anticipated. Logging program will be IES, FDC/CNL/GR with Caliper Log. If productive 4½", 10.5#, K55 Casing will be run and cemented with 275 sacks 65/35 Pozmix, 6% Gel, and 10# Gilsonite/sack. Foliows ith 100 sacks Class "E" Cement with 2% CaCl. Drilling should require approximately structure sone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical control of the sacks of the sa									
AREA OF HOLE SIZE OF HOLE 124" 8 5/8" 24# 100' 75 sacks (Circulated) G4" 44" 10.5# 1835' 375 sacks (Circulated) Hove in rotary tools. Drill 124" hole to 100'. Set 100' of new 8 5/8", 24#, K55 casing. Cement with 75 sacks Class "B" Cement with 2% CaCl. Wait on cement 12 hours. Install 6" 900 Series BOP. Test to 500 psi before drilling out from under surface pipe. Check pipe rams daily and blind rams on trips. Drill 6½" hole to T.D. The geologic name of the surface formation is Naciemento. Gas is expected in the Chacra. All other formations are probably water bearing. Pertinent formation tops are estimated as Kirtland 155'; Fruitland 465'; Pictured Cliff 1025'; Chacra 1385'; and Cliffnose 1805'. Mud system will be low solids non-dispersed. Mud weight 8.8-9.2#/Gal. F.L. 8-10 cc, viscosity 30-50 sec./quart. No abnormal temperatures or pressures are anticipated. Logging program will be IES, FDC/CNL/GR with Caliper Log. If productive 4½", 10.5#, K55 Casing will be run and cemented with 275 sacks 65/35 Pozmix, 6% Gel, and 10# Gilsonite/sack. Follows ith 100 sacks Class "B" Cement with 2% CaCl. Drilling should require approximately of the source of the substitute o			DRODORED CARE	NC AND	OFMENDING DRACE	A 3.5			
12½" 8 5/8" 24# 100' 75 sacks (Circulated) 64" 4½" 10.5# 1835' 375 sac is (Circulated) Nove in rotary tools. Drill 12½" hole to 100'. Set 100' of new 8 5/8", 24‡, K55 casing. Dement with 75 sacks Class "B" Cement with 2% CaCl. Wait on cement 12 hours. Install 6" 200 Series BOP. Test to 500 psi before drilling out from under surface pipe. Check pipe cams daily and blind rams on trips. Drill 6½" hole to T.D. The geologic name of the surface formation is Naciemento. Gas is expected in the Chacra. All other formations are probably water bearing. Pertinent formation tops are estimated as Kirtland 155'; Pruitland 465'; Pictured Cliff 1025'; Chacra 1385'; and Cliffhouse 1805'. Mud system will be low solids non-dispersed. Mud weight 8.8-9.2#/Gal. F.L. 8-1° cc, viscosity 30-50 sec./quart. No abnormal temperatures or pressures are anticipated. Logging program will be IES, FDC/CNL/GR with Caliper Log. If productive 4½", 10.5‡, K55 Casing will be run and cemented with 275 sacks 65/35 Pozmix, 6% Gel, and 10‡ Gilsonite/sack. Follows it is come. If proposal is to delile or deepen directionally, give pertinent data on subsurface locations and measured and true vertage depute. The same present productive zace and proposed in the Chacra. All other presents productive zace and proposed in the Chacra. All other presents programs. If proposal is to deepen or plug back, give data on present productive zace and proposed in the Chacra. All other presents productive zace and proposed in the Chacra. All other presents programs. If proposal is to deepen or plug back, give data on present productive zace and proposed programs. If proposed is to delile or deepen directionally, give pertinent data on subsurface locations and measured and true vertage dependence programs. If proposed is to delile or deepen directionally, give pertinent data on subsurface locations and measured and true vertage dependence programs. If proposed is to delile or deepen directionally, give pertinent data on subsurface locations and measured and true vertage depe	<u></u>	TO ARE			1	1			
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Devoy in rotary tools. Drill 12%" hole to 100'. Set 100' of new 8 5/8", 24%, K55 casing. Dement with 75 sacks Class "B" Cement with 2% CaCl. Wait on cement 12 hours. Install 6" 200 Series BOP. Test to 500 psi before drilling out from under surface pipe. Check pipe cams daily and blind rams on trips. Drill 6%" hole to T.D. The geologic name of the surface formation is Naciemento. Gas is expected in the Chacra. All other formations are probably water bearing. Pertinent formation tops are estimated as Kirtland 155'; Fruitland 465'; Pictured Cliff 1025'; Chacra 1385'; and Cliffhouse 1805'. Mud system will be low solids non-dispersed. Mud weight 8.8-9.2# Gal. F.L. 8-10 cc, viscosity 30-50 sec./quart. No abnormal temperatures or pressures are anticipated. Logging program will be ELS, FDC/CNL/GR with Caliper Log. If productive 4%", 10.5%, K55 Casing will be run and cemented with 275 sacks 65/35 Pozmix, 6% Gel, and 10% Gilsonite/sack. Prove ith 100 sacks Class "B" Cement with 2% CaCl. Drilling should require approximately 6 sacks. Limited 100 sacks Class "B" Cement with 2% CaCl. Drilling should require approximately 6 sacks. The proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical dripts. The proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical dripts. The proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical dripts. **TITLE Dright Production 100 page				· · · · · · · · · · · · · · · · · · ·		1	*		
Cement with 75 sacks Class "B" Cement with 2% CaCl. Wait on cement 12 hours. Install 6" 900 Series BOP. Test to 500 psi before drilling out from under surface pipe. Check pipe rams daily and blind rams on trips. Drill 6%" hole to T.D. The geologic name of the surface formation is Naciemento. Gas is expected in the Chacra. All other formations are probably water bearing. Pertinent formation tops are estimated as Kirtland 155'; Fruitland 465'; Pictured Cliff 1025'; Chacra 1385'; and Cliffhouse 1805'. Mud system will be low solids non-dispersed. Mud weight 8.8-9.2#/Gal. F.L. 8-1 cc, viscosity 30-50 sec./quart. No abnormal temperatures or pressures are anticipated. Logging program will be IES, FDC/CNL/GR with Caliper Log. If productive 4½", 10.5#, K55 Casing will be run and cemented with 275 sacks 65/35 Pozmix, 6% Gel, and 10# Gilsonite/sack. For with 100 sacks Class "B" Cement with 2% CaCl. Drilling should require approximately 6 days. IN AROVE REACE DESCRIBE PROFOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed here program. If any. 218 IN AROVE REACE DESCRIBE PROFOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed here program. If any. 219 AS AMENDED PERMIT NO DEC 0.2 1980 AS AMENDED APPROVAL DATE TITLE Dr1Q. & Prod. Foreman DATE ODATE APPROVAL DATE DATE ODATE DATE DATE	04	43	10.5#		1835.	<u> 3/5 S</u>	sacks (Circulated)		
ZOUC. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. (The blow of the program, if any. 24. SIGNED H. D. HOLLE Drig. & Prod. Foreman DATE Detember 25. 19. (This space for Federal of Sala Vide De) AS AMENDED APPROVAL DATE DATE DATE DATE DATE	rams daily and isurface formation are probably wat Fruitland 465'; will be low solinger. No be IES, FDC/CNL, and cemented wit 100 sacks Class	polind rams on ton is Naciement cer bearing. Per Pictured Cliffids non-dispersabnormal temper (GR with Calipe the 275 sacks 65. "B" Cement with Calipe the Canal C	rips. Dril o. Gas is ertinent fo 1025'; Cha ed. Mud we ratures or r Log. If /35 Pozmix, h 2% CaCl.	expectation of the control of the co	' hole to T.D. cted in the Cha ion tops are es 1385'; and Clif 8.8-9.2#/Gal. sures are antic active 4½", 10. Gel, and 10# Gi Lling should re	The gara. stimate fhouse F.L. 8 sipated 5#, K5 lsonit equire	eologic name of the All other formations d as Kirtland 155'; 1805'. Mud system -10 cc, viscosity 30-50. Logging program will 5 Casing will be run e/sack. Followed ith approximately 6 das 1980.		
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APPROVAL DATE									
CONDITIONS OF APPROPRIES F. SIMS	PERMIT NO AS				APPROVAL DATE				
CONDITIONS OF APPROPRIES F. SIMS		DEC 0,2/1980/	,				2122		
DISTRICT ENGINEED		THE SIME	TI	TLE			DATE		
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Form C-107 Revised 10-1-78

SANTA FE, NEW MEXICO 87501

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	÷		Lease		Well No.
FOLRIM	CORPORATIO)N	DOME-NAVAJO 2'	7-22-7	3
Sect		Township	Range	County	
2	7	22N	7W	Sandoval	·
Letual Footage Location		·		······································	
	from the Sout	h line and	1620 fee	t from the East	line
Ground Level Elev:	Producing Forms		P∞l		Dedicated Acreage:
6732	c	hacra	Rusty Chacra	Extension	160 Acres
1. Outline the ac	eage dedicate	ed to the subject w	ell by colored pencil		the plat below.
interest and ro	yalty). e lease of dif unitization, un	ferent ownership is itization, force-pool	dedicated to the well,		thereof (both as to working
this form if nec No allowable w	essary.) ill be assigned	d to the well until al	l interests have been	consolidated (by con	mmunitization, unitization, n approved by the Commis-
	-		1		CERTIFICATION
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i			1	I hereby	certify that the information con-
			ı	tained h	erein is true and complete to the
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j	Sec	3•	Lorenza	1 1	har 25 1000
				Septem	ber 25, 1980
 		27	1 3 1980 1 3 1980 1 3 1980	shown o notes o under m is true	y certify that the well location on this plat was plotted from field of actual surveys made by me or y supervision, and that the same and correct to the best of my lige and belief.
			© 1620'	Registate and /La	mber 23 1980 *Professional Engineer and Surveyor
	07-			Certificate	a No.