% orm 3160-3 (November 1983) (formerly 9-331C)

## (Other instructions on reverse side) UNITED STATES DEPARTMENT OF THE INTERIOR

SUBMIT IN TRIPLICATE.

20-039-24006

Form approved. Budget Bureau No. 1004-0136 Expires August 31, 1985

	DUDEAU	LOF LAND MANA				5. LEAST DESIGNATION	· AND BERLAL NO.
A DOLLO A TIA		U OF LAND MANA				Jicarilla Con	
APPLICATION	ON FOR PERM	AIT TO DRILL, I	DEEPEN,	OR PLUG	BACK	6. IF INDIAN, ALLOTTI	
A. TYPE OF WORK	RILL IX	RECEIVE	Ð	Di lio Di		Jicarilla Apa	che
b. TYPE OF WELL	MICE LIS	DEEPEN		PLUG BA	YOK 🗀	7. UNIT AGREEMENT	MAMB
MELL X	WELL OTH	FEB 1 3 198	6 single	MULT	IPLE X	8. PARM OR LEASE MA	Wr.
Chace Oil Company, Inc. Bureau of Land Management						Jicarilla Tribal Cont. #4	
Chace Oil C	ompany, Inc.	BUREAU OF LAND MAN	AGEMENT			9. WELL NO.	Lbal Cont. #4
313 Washington SE, Albuquerque, NM 87108						<b>M</b> -29	
LOCATION OF WELL	Report location clean	uerque, NM 871	08			10. FIELD AND POOL,	OR WILDCAT
At surface 1658' FNL & 2140' FWL, Unit 'F', Section 12, T23N,R4W						S. Lindrith Gallup Dakota	
At proposed prod some						11. SBC., T., R., M., OB BLE. AND SURVEY OF AREA	
ze proposed prod. g	one					Section 12	10 03: 10 Are
. DISTANCE IN MILES	AND DIBECTION FROM	NEAREST TOWN OF POST	OFFICE*			Section 12, T	
15 miles west	-southwest of	Lindrith, New	Movico			Rio Arriba	New Mexico
LOCATION TO NEARE	1658' Iro	m lease line	16. No. OF A	CRES IN LEASI	17. No. 6	OF ACRES ABBIGNED	New Mexico
(Also to Deares! di	LINE FT. 338' fl	com unit line	2560			HIS WELL	
TO NEAREST WELL	DRILLING COMPLETED		19. PROPOSED	DIPTE	20. ROTA	RY OR CABLE TOOLS	
OR APPLIED FOR, ON T	HIS LEASE, FI.	1300'	7625'		RO	tary	
. ELEVATIONS (Show w	hether DF, RT, GR, et	c.)			. 10	22. APPROX. DATE WO	RE WILL START
7396' GR SU	LLING OPERATIONS	AUTHORIZED ARE				7/15/86	
" G	NERAL REQUIREMEN	E WINDAUGHEDSIN	G AND CEMI	ENTING PROGR	AM proced	Ction is subject to to	chnical and
SIZE OF HOLE	BIZE OF CABING	WEIGHT PER PO		TTING DEPTH	and ap	ural review pursuant peal pursuant to:43	to 43 CFR 3165.3
L2 1/4"	8 5/8"	24# (J-55)		225!	225 61	ks (405 CF) Cl	ALL 9100'4"
	1 4 4 4 4				-1		ass B coment
7 7/8"	4 1/2"	11.6# (N-8	0)	7625!	let et	tage: 750 ckg	(13E0 cm)
7 7/8"	4 1/2"	11.6# (N-8	0)	7625!	-  lst s	tage: 750 sks	(1350 CF)
7 7/8"	4 1/2"	11.6# (N-8	0) 7	7625!	lst st 50/50	tage: 750 sks pozmix.	(1350 CF)
7 7/8"	4 1/2"	11.6# (N-8	0)	7625'	1st st   50/50   2nd st	tage: 750 sks pozmix. tage: 505 sks	(1350 CF) (909 CF)
7 7/8"	4 1/2"	11.6# (N-8	0)   7	7625'	1st st 50/50 2nd st 40/60	tage: 750 sks pozmix. tage: 505 sks pozmix (12% ge	(1350 CF) (909 CF) e1)
					1st st 50/50 2nd st 40/60 40 sks	tage: 750 sks pozmix. tage: 505 sks pozmix (12% ge s (72 CF) Class	(1350 CF) (909 CF) el) s B cement
orill 230' of 225 sks (405)	12 1/4" surf	ace hole. Set	225' of	8 5/8" cas	1st si 50/50 2nd st 40/60 40 sks	tage: 750 sks pozmix. tage: 505 sks pozmix (12% ges (72 CF) Class Cement to surfa	(1350 CF) (909 CF) (1) (5 B cement (1) (1) (1)
Orill 230' of 225 sks (405 ( Noublegate hy	12 1/4" surf	ace hole. Set Using a water )	225' of pase mud	8 5/8" cas (15% oil)	2nd st 40/60 40 sks sing. (and Sch	pozmix. tage: 750 sks pozmix. tage: 505 sks pozmix (12% ges (72 CF) Class Cement to surfa haeffer 5000# s	(1350 CF) (909 CF) (e1) (s B cement (see with
Orill 230' of 225 sks (405 ( Noublegate hy	12 1/4" surf	ace hole. Set Using a water )	225' of pase mud	8 5/8" cas (15% oil)	2nd st 40/60 40 sks sing. (and Sch	pozmix. tage: 750 sks pozmix. tage: 505 sks pozmix (12% ges (72 CF) Class Cement to surfa haeffer 5000# s	(1350 CF) (909 CF) (e1) (s B cement (see with
Orill 230' of 225 sks (405) Oublegate hy Ogging progra	12 1/4" surf CF) cement. draulic BOP, cem: Run Dil,	ace hole. Set	225' of pase mud	8 5/8" cas (15% oil)	2nd st 40/60 40 sks sing. (and Sch	pozmix. tage: 750 sks pozmix. tage: 505 sks pozmix (12% ges (72 CF) Class Cement to surfa haeffer 5000# s	(1350 CF) (909 CF) (e1) (s B cement (see with
Orill 230' of 225 sks (405 o Noublegate hy Ogging progra Estimated Top	12 1/4" surf CF) cement. draulic BOP, cem: Run Dil,	ace hole. Set Using a water l drill 7 7/8" h Caliper, GR, S	225' of pase mud ole to 76 SP, FDC-C	8 5/8" cas (15% oil) 525' to tes NL from T.	50/50 2nd st 40/60 40 sks sing. ( and Sch st the D	tage: 750 sks pozmix. tage: 505 sks pozmix (12% ges (72 CF) Class Cement to surfa aeffer 5000# s akota formatio surface.	(1350 CF) (909 CF) (1) (5 B cement (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)
Orill 230' of 225 sks (405 of Coublegate hy Cogging program Estimated Top Ojo Alamo	12 1/4" surf CF) cement. I draulic BOP, cem: Run Dil, s: 2663	ace hole. Set Using a water l drill 7 7/8" h Caliper, GR, S	225' of pase mud ole to 765P, FDC-C	8 5/8" cas (15% oil) 525' to tes NL from T.	50/50 2nd st 40/60 40 sks sing. ( and Sch st the D	tage: 750 sks pozmix. tage: 505 sks pozmix (12% ge s (72 CF) Class Cement to surfa haeffer 5000# s bakota formatio surface. Dakota 'A'	(1350 CF) (909 CF) (el) (s B cement (sce with (standard on)
Orill 230' of 225 sks (405 of Coublegate hy cogging program Estimated Top Ojo Alamo Picture Cliffs Chacra	12 1/4" surf CF) cement. I draulic BOP, 6 am: Run Dil, s: 2663 3078' 3428'	ace hole. Set Using a water l drill 7 7/8" h Caliper, GR, S	225' of pase mud ole to 76 SP, FDC-C	8 5/8" cas (15% oil) 525' to tes NL from T. 5208' 5908'	2nd st 40/60 40 sks sing. C and Sch st the D	tage: 750 sks pozmix. tage: 505 sks pozmix (12% ge c (72 CF) Class  Cement to surfa haeffer 5000# s Dakota formatio surface.  Dakota 'A' Dakota 'D'	(1350 CF) (909 CF) (e1) (s B cement (ace with standard on. (7314) (7454)
Orill 230' of 225 sks (405 of Coublegate hy cogging program Estimated Top Ojo Alamo Picture Cliffs Chacra	12 1/4" surf CF) cement. I draulic BOP, c am: Run Dil, s: 2663 3078'	ace hole. Set Using a water l drill 7 7/8" h Caliper, GR, S Point Gallu	225' of pase mud ole to 76 SP, FDC-C	8 5/8" cas (15% oil) 525' to tes NL from T.	2nd st 40/60 40 sks sing. C and Sch st the D	tage: 750 sks pozmix. tage: 505 sks pozmix (12% ge s (72 CF) Class Cement to surfa haeffer 5000# s bakota formatio surface. Dakota 'A'	(1350 CF) (909 CF) (el) (s B cement (ace with (standard on)
Orill 230' of 225 sks (405 ( Noublegate hy	12 1/4" surf CF) cement. I draulic BOP, 6 am: Run Dil, s: 2663 3078' 3428'	ace hole. Set Using a water l drill 7 7/8" ho Caliper, GR, S Point Gallu Tocit	225' of pase mud ole to 76 SP, FDC-C	8 5/8" cas (15% oil) 525' to tes NL from T. 5208' 5908' 6920'	2nd st 40/60 40 sks sing. C and Sch st the D	tage: 750 sks pozmix. tage: 505 sks pozmix (12% ge c (72 CF) Class  Cement to surfa haeffer 5000# s Dakota formatio surface.  Dakota 'A' Dakota 'D'	(1350 CF) (909 CF) (e1) (s B cement ace with standard on.  7314' 7454'
Orill 230' of 225 sks (405 of coublegate hydrogring progra Estimated Top Ojo Alamo Victure Cliffs Chacra Cliff House	12 1/4" surf CF) cement. I draulic BOP, 6 am: Run Dil, s: 2663 3078' 3428' 4628'	ace hole. Set Using a water l drill 7 7/8" h Caliper, GR, S  Point Gallu Tocit Greer	225' of pase mud ole to 765P, FDC-C	8 5/8" cas (15% oil) 525' to tes NL from T. 5208' 5908' 6920' 7223'	1st si 50/50 2nd st 40/60 40 sks sing. C and Sch st the I	tage: 750 sks pozmix. tage: 505 sks pozmix (12% ge s (72 CF) Class Cement to surfa haeffer 5000# s Dakota formatio surface.  Dakota 'A' Dakota 'D' Burro Canyon	(1350 CF) (909 CF) (e1) (5 B cement (ace with standard on. (7314' (7454' (7558')
Orill 230' of 225 sks (405 colored by 25 sks	12 1/4" surf CF) cement. I draulic BOP, 6 am: Run Dil, s: 2663 3078' 3428' 4628'	ace hole. Set Using a water l drill 7 7/8" h Caliper, GR, S  Point Gallu Tocit Greer	225' of pase mud ole to 765P, FDC-C	8 5/8" cas (15% oil) 525' to tes NL from T. 5208' 5908' 6920' 7223'	1st si 50/50 2nd st 40/60 40 sks sing. C and Sch st the I	tage: 750 sks pozmix. tage: 505 sks pozmix (12% ge s (72 CF) Class Cement to surfa haeffer 5000# s Dakota formatio surface.  Dakota 'A' Dakota 'D' Burro Canyon	(1350 CF) (909 CF) (1) (5 B cement (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)
Orill 230' of 225 sks (405 (according to be according to the acco	12 1/4" surf CF) cement. I draulic BOP, 6 am: Run Dil, s: 2663 3078' 3428' 4628'	ace hole. Set Using a water l drill 7 7/8" h Caliper, GR, S Point Gallu Tocit Greer	225' of pase mud ole to 765P, FDC-C	8 5/8" cas (15% oil) 525' to tes NL from T. 5208' 5908' 6920' 7223'	1st si 50/50 2nd st 40/60 40 sks sing. C and Sch st the I	tage: 750 sks pozmix. tage: 505 sks pozmix (12% ge s (72 CF) Class Cement to surfa haeffer 5000# s Dakota formatio surface.  Dakota 'A' Dakota 'D' Burro Canyon	(1350 CF) (909 CF) (1) (5 B cement (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)
Orill 230' of 225 sks (405 colored by 25 sks	12 1/4" surf CF) cement. draulic BOP, cem: Run Dil, s: 2663 3078' 3428' 4628'	ace hole. Set Using a water 1 drill 7 7/8" ha Caliper, GR, S  Point Gallu Tocit Greer  If proposal is to deeper lonally, give pertinent of	225' of pase mud ole to 76 SP, FDC-C Lookout ip to alhorn or plug back data on subsur	8 5/8" cas (15% oil) 525' to tes NL from T. 5208' 5908' 6920' 7223'	1st si 50/50 2nd st 40/60 40 sks sing. C and Sch st the I	pozmix.  tage: 750 sks  pozmix.  tage: 505 sks  pozmix (12% ge  s (72 CF) Class  Cement to surfa  haeffer 5000# s  cakota formatic  surface.  Dakota 'A'  Dakota 'D'  Burro Canyon  cetive some and proposed  and true vertical depths	(1350 CF) (909 CF) (91) (5 B cement (909 CF) (90
Orill 230' of 225 sks (405 coublegate hydrogen program of 25 coublegate hydrogen program of 25 coublegate Topo Alamo icture Cliffs hacra cliff House	12 1/4" surf CF) cement. I draulic BOP, 6 am: Run Dil, s: 2663 3078' 3428' 4628'	ace hole. Set Using a water 1 drill 7 7/8" ha Caliper, GR, S  Point Gallu Tocit Greer  If proposal is to deeper lonally, give pertinent of	225' of pase mud ole to 76 SP, FDC-Control Lookout Ip to othern or plug back data on subsur	8 5/8" cas (15% oil) 525' to tes NL from T. 5208' 5908' 6920' 7223'	1st si 50/50 2nd st 40/60 40 sks sing. C and Sch st the I	tage: 750 sks pozmix. tage: 505 sks pozmix (12% ge s (72 CF) Class Cement to surfa haeffer 5000# s Dakota formatio surface.  Dakota 'A' Dakota 'D' Burro Canyon	(1350 CF) (909 CF) (51) (5 B cement (1350 CF)
Orill 230' of 225 sks (405 of 25 sks	12 1/4" surf CF) cement. draulic BOP, cem: Run Dil, s: 2663 3078' 3428' 4628'	ace hole. Set Using a water } drill 7 7/8" h Caliper, GR, S  Point Gallu Tocit Greer  If proposal is to deeper lonally, give pertinent of	225' of pase mud ole to 76 SP, FDC-Control Lookout Ip to othern or plug back data on subsur	8 5/8" cas (15% oil) 525' to tes NL from T. 5208' 5908' 6920' 7223'	1st si 50/50 2nd st 40/60 40 sks sing. C and Sch st the I	pozmix.  tage: 750 sks  pozmix.  tage: 505 sks  pozmix (12% ge  s (72 CF) Class  Cement to surfa  haeffer 5000# s  cakota formatic  surface.  Dakota 'A'  Dakota 'D'  Burro Canyon  cetive some and proposed  and true vertical depths	(1350 CF) (909 CF) (51) (5 B cement (1350 CF)
Orill 230' of 225 sks (405 of	12 1/4" surf CF) cement. draulic BOP, cem: Run Dil, s: 2663 3078' 3428' 4628'	ace hole. Set Using a water } drill 7 7/8" h Caliper, GR, S  Point Gallu Tocit Greer  If proposal is to deeper lonally, give pertinent of	225' of pase mud ole to 76 SP, FDC-Co Lookout up to or plug back data on subsur	8 5/8" cas (15% oil) 525' to tes NL from T. 5208' 5908' 6920' 7223'  Series data on processions are gist	1st si 50/50 2nd st 40/60 40 sks sing. C and Sch st the I	pozmix.  tage: 750 sks  pozmix.  tage: 505 sks  pozmix (12% ge  s (72 CF) Class  Cement to surfa  haeffer 5000# s  cakota formatic  surface.  Dakota 'A'  Dakota 'D'  Burro Canyon  cetive some and proposed  and true vertical depths	(1350 CF) (909 CF) (51) (5 B cement (1350 CF)
Orill 230' of 225 sks (405 of 25 sks	12 1/4" surf CF) cement. draulic BOP, cem: Run Dil, s: 2663 3078' 3428' 4628'	ace hole. Set Using a water } drill 7 7/8" h Caliper, GR, S  Point Gallu Tocit Greer  If proposal is to deeper lonally, give pertinent of	225' of pase mud ole to 76 SP, FDC-Control Lookout Ip to othern or plug back data on subsur	8 5/8" cas (15% oil) 525' to tes NL from T. 5208' 5908' 6920' 7223'  Series data on processions are gist	1st si 50/50 2nd st 40/60 40 sks sing. C and Sch st the I	pozmix.  tage: 750 sks  pozmix.  tage: 505 sks  pozmix (12% ge  s (72 CF) Class  Cement to surfa  haeffer 5000# s  cakota formatic  surface.  Dakota 'A'  Dakota 'D'  Burro Canyon  cetive some and proposed  and true vertical depths	(1350 CF) (909 CF) (51) (5 B cement (1350 CF)
Orill 230' of 225 sks (405 choublegate hydrogeng program of 25 chacks above space described in the contemporary of an analysis of the contemporary of the contemporary of the space for Federal Contemporary of the space for Federal Contemporary of the contemporary of	12 1/4" surf CF) cement. draulic BOP, cem: Run Dil, s: 2663 3078' 3428' 4628'	ace hole. Set Using a water   drill 7 7/8" ha Caliper, GR, S  Point Galla Tocit Greer  If proposal is to deeper Jonally, give pertinent of	225' of pase mud ole to 76 per possible to 76 per possible to 76 per possible to 100 p	8 5/8" cas (15% oil) 525' to tes NL from T. 5208' 5908' 6920' 7223'  Series data on processions are gist	1st si 50/50 2nd st 40/60 40 sks sing. C and Sch st the I	pozmix.  tage: 750 sks  pozmix.  tage: 505 sks  pozmix (12% ge  s (72 CF) Class  Cement to surfa  haeffer 5000# s  cakota formatic  surface.  Dakota 'A'  Dakota 'D'  Burro Canyon  cetive some and proposed  and true vertical depths	(1350 CF) (909 CF) (51) (5 B cement (1350 CF)
Orill 230' of 225 sks (405 cloublegate hydrogeng program Estimated Top 0jo Alamo Picture Cliffs Chacra Cliff House  ABOVE SPACE DESCRIBE IN PROPOSAL IS to venter program. If an	12 1/4" surf CF) cement.  Graulic BOP, cement.  Run Dil, S: 2663 3078' 3428' 4628'  FROPOSED PROGRAM: drilli or deepen direct y.  Fral or State office use	ace hole. Set Using a water } drill 7 7/8" h Caliper, GR, S  Point Galli Tocit Greer  If proposal is to deeper lonally, give pertinent of	225' of pase mud ole to 76 SP, FDC-Co Lookout ip to or plug back data on subsur Geolog	8 5/8" cas (15% oil) 525' to tes NL from T. 5208' 5908' 6920' 7223'  Series data on processions are gist	1st si 50/50 2nd st 40/60 40 sks sing. C and Sch st the I	pozmix.  tage: 750 sks  pozmix.  tage: 505 sks  pozmix (12% ge  s (72 CF) Class  Cement to surfa  naeffer 5000# s  Dakota formatic  surface.  Dakota 'A'  Dakota 'D'  Burro Canyon  Cetive sone and proposed  and true vertical depths  DATE 2-/O	(1350 CF) (909 CF) (51) (5 B cement (1350 CF)
Orill 230' of 225 sks (405 of	12 1/4" surf CF) cement.  Graulic BOP, cement.  Run Dil, S: 2663 3078' 3428' 4628'  FROPOSED PROGRAM: drilli or deepen direct y.  Fral or State office use	ace hole. Set Using a water } drill 7 7/8" h Caliper, GR, S  Point Galli Tocit Greer  If proposal is to deeper lonally, give pertinent of	225' of pase mud ole to 76 per possible to 76 per possible to 76 per possible to 100 p	8 5/8" cas (15% oil) 525' to tes NL from T. 5208' 5908' 6920' 7223'  Series data on processions are gist	1st si 50/50 2nd st 40/60 40 sks sing. C and Sch st the I	pozmix.  tage: 750 sks  pozmix.  tage: 505 sks  pozmix (12% ge  s (72 CF) Class  Cement to surfa  haeffer 5000# s  cakota formatic  surface.  Dakota 'A'  Dakota 'D'  Burro Canyon  cetive some and proposed  and true vertical depths	(1350 CF) (909 CF) (91) (5 B cement (909 CF) (90

\*See Instructions 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. Collisions or fraudicient statements to representations at the any false.

P. O. BOX 2058

Form C-102

All distances must be from the outer boundaries of the Section COMPANY JICARILLA 23 NORTH 4 WEST RIO ARRIBA Actual Footage Location of Well: NORTH feet from the line and WEST Ground Level Elev. Producing Formation Dedicated Acreage: 7.396 Acres 1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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 working interest and royalty). 3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling. etc? ☐ Yes No If answer is "yes," type of consolidation If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.). No allowable will be assigned to 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 Division. CERTIFICATION I hereby certify that the information con-FFB 1 3 1986 tained herein is true and complete to the BUREAU OF LAND MANAGEMENT FARMINGTON RESOURCE AREA OIL CON. DIV Date Surveyed and/or Land Surveyor 6857 ... 1880 2310 2640 2000 1500 1000 200

