Fond 3160-3 (November 1983) (formerly 9-331C)

## UNITED STATES SUBMIT IN TRIPLICAT (Other instructions on reverse side)

SUBMIT IN TRIPLICATE\*

(Other instructions on reverse side)

Form approved.

Budget Bureau No. 1004-0136

Expires August 31, 1985

(10112010)	DEPARTMEN	T OF THE I	NTEDIAD				•	
						S. LEASE DESIGNATION	AND SERIAL NO.	
	BUREAU OF	LAND MANAG	EMENT			NM 03381		
APPLICATIO	N FOR PERMIT	TO DRILL, D	DEEPEN, OR	PLUG B	ACK	6. IF INDIAN, ALLOTTE	B OR TRIBE NAME	
1a. TTPE OF WORK								
DR	ILL 🛛	DEEPEN [	] F	LUG BAC	CK 🔲	7. UNIT AGREEMENT	EMAN	
D. TYPE OF WELL								
	ELL X OTHER		ZONE	m ultip Son B	·* 🛛	8. FARM OR LEASE NA	MB	
2. NAME OF OPERATOR						Breech "B"		
	Caulkins Oil	Company				9. WELL NO.		
3. ADDRESS OF OPERATOR						- 220∵м		
	P.O. Box 780 sport location clearly and	Farmington,	New Mexico	87499		10. FIELD AND POOL,	OR WILDCAT	
4. LOCATION OF WELL (B	eport location clearly and	d in accordance with	h any State require	ments.*)		Blanco MV - I	Basin Dakota	
20!	56 From North	& <b>11</b> 97' From	n West ~	IVF	D	11. SEC., T., R., M., OR AND SURVEY OR A	BLE.	
At proposed prod, so:	same		L.	, ,,	-	EARD BURYER OR A	REA	
			N:OV	151984		Section 14, 26		
	AND DIRECTION PROM HEA		OFFICE.			12. COUNTY OR PARISE		
28 Miles Sou	theast of Blanc	o, New Mexi	NEAU OF LA	ND WANAG	APEA.	Rio Arriba	New Mexico	
15. DISTANCE FROM PROPOLOCATION TO MEARES	)4ED*	1	FOREAU OF LA	IN LEASE	17. NO. C	T ACRES ASSIGNED	THE TIERLE	
PROPERTY OR LEASE ! (Also to mearest dri	INE, FT.	1197	1120		A 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	820 Infil		
18. DISTANCE FROM PROI	ORED LOCATIONS		19. PROPOSED DEPT	H		RY OR CABLE TOOLS	<del></del>	
TO NEAREST WELL, D OR APPLIED FOR, ON TH	RILLING, COMPLETED, 18 LEASE, FT.	500'	6825 <b>¹</b>			Rotary		
21. ELEVATIONS (Show wh	ether DF, RT, GR, etc.)	DRILLING	OPERATIONS AUT	HORIZED AR	F	22. APPROX. DATE WO	RE WILL START	
	6112 Gr	SUBJECT 1	O COMPLIANCE V	VITH ATTACK	- {ED	Sept. 1,	L985	
23.		PROPOSED CAST				is action is subject t		
SIRE OF ROLE	BIEB OF CABING	WRIGHT PER POOT BETTING DEPTH		IG DEPTH	appeal gursuant to 20 CER 290.			
12 3/4"	9 5/8"	32.3#	40	0'		cient to circu		
7 7/8"	5 1/2"	15.5 & 17#	682	51		ges - 2000 Cu.		

Surface formation San Jose. No abnormal pressure or temperture anticipated.

It is proposed to drill new hole, surface to 6825' using 9.0 Gel based mud. Float will be run in drill pipe at bit. ES Induction and Density Logs will be run.

A Schaeffer 10" Model IWP 6000# test BOP will be in use at all times while drilling below surface casing. BOP will be tested at least one time during each 24 hour period and results recorded on daily drilling report.

New 9 5/8" 32.30# H-40 8rd thd, short collars surface casing will be set at approx 400° and cemented with sufficient cement to circulate to surface.

New 5 1/2" 15.5 & 17# K-55 short and long collar 8rd thd Smls casing will be cemented top to bottom in 3 stages. First stage thru shoe with 412.50 Cu.Ft.

50-50 Poz, 6% Gel, 12 1/4# Gilsonite per sack followed by 118 Cu.Ft. Neat Cement. IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive some and proposed new productive some. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout

SIGNED Superintendent	APPROVED 84
(This space for Federal or State office use)	AS AMENDED
PERMIT NO. APPROVAL DATE	FEB 0 4 1985
APPROVED BY TITLE APPROVED BY	John Hiller
CONDITIONS OF APPROVAL, IP ANT:  OIL CON. DIV.  OPERATOR  FOR NSC. See Instructions On Reverse Side	AREA MANAGER ARAMINGTON RESOURCE AREA

Second stage thru too set at approx 4825' with 412.5 Cu.Ft. 50 50 Poz, 6% Gel,  $12\ 1/4\#$  Gilsonite per sack followed by 118 Cu.Ft. Neat Cement.

Third stage thru tool set at approx 3500 with 825 Cu.Ft. 50 50 Poz, 6% Gel, 12 1/4# Gilsonite per sack followed by 118 Cu.Ft. Neat Cement.

Centralizers will be run on casing thru Mesa Verde and Dakota Zones.

Well will be completed in Mesa Verde and Dakota Zones.

All Zones will be perforated and fractured to stimulate production.

Packer will be set between Mesa Verde and Dakota Zones.

New 1 1/2" EUE 2.90# V-55 10rd thd Smls tubing will be run thru Packer to Dakota Zone.

New 1 1/4" NU 2.33# V-55 10rd thd Smls tubing will be run for Mesa Verde production.

Gas produced from this well contracted to Gas Company of New Mexico.

## Estimated Formation Tops:

Alamo	1620'
Pictured Cliffs	22521
Chacra	3170 <b>'</b>
Mesa Verde	3960 <b>'</b>
Graneros	6592 <b>'</b>
Dakota	6684

1. Outline the acreage dedicated to the subject well by colored peacil or harhure 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 is dedicated to the well, outline each and identify the ownership thereof (both as to working interests and royalty).  3. If more than one lease is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?  3. If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)  3. 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, climinating such interests, has been approved by the Division forced-pooling, or otherwise) or until a non-standard unit, climinating such interests, has been approved by the Division Superintendent  3. CERTIFICATION  4. PECE VED  4. PECIFICATION  4. PECIFICATION  4. PECIFICATION  5. PORTION OF TOTAL CONTROL OF T		•	All distant	rea must be fr	om the ou	iter houndarie	e of th	e Section	<u> </u>	
E   4   26 NORTH   7 WEST   RIO_ARRIBA    West Posterve Location of West   2005   Feet from the   NORTH   Inne and   1197   Itest from the   WEST   Inne    Level Foresteer Lower   Proceed Formation   Post   Mess Verde   Dakota   320 Tifel   Ace    1. Outline the acreage dedicated to the subject well by colored pencil or hackure 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 workin interest and royalty).  3. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to workin interest and royalty).  3. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to workin interest and royalty).  3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners here consolidated will be communitization, unitization, force-pooling, etc?  3. Yes No II answer is "yes," type of consolidation.  3. If more than one lease is dedicated to the well until all interests have been consolidated (by communitization, unitization forced-pooling, or otherwise) or until a hon-standard unit, eliminating such interests, has been approved by the Division of the pooling, or otherwise) or until a hon-standard unit, eliminating such interests, has been approved by the Division of the pooling, or otherwise) or until a hon-standard unit, eliminating such interests, has been approved by the Division of the pooling of t		OIL COMPANY	<del></del>		Leose	BREECH	"B"			•
197   Section   1981	Leller   See		Tonnelily		lian	q o	10	County		
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Sea Verde - Dakota   Blanco Mesa Verde - Rasin Dakota   320 Infil Ace	16	et nom me					1161 1	ion ine	WES!	
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).  1. 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 ete?  1. Yes No If answer is "yes," type of consolidation  1. If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)  1. 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  1. Arreby certify that the information contained the property of the interests of proceedings and belief.  1. Arreby certify that the information contained the interests of proceedings and belief.  2. CERTIFICATION  2. CERTIFICATION  2. Company  2. Date of proceedings and belief.  3. Date of proceedings and belief.  4. Date of proceedings an		1		E	1anco	Mesa Ver	de -	Basin	n Dakota	
If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consoldated by communitization, unitization, force-pooling-ete?    Yes	. Outline the a	creage dedica	ted to the	subject wel	l by co	lored penci	l or l	hachure	marks on th	e plat helow.
Yes			dedicated t	o the well,	outline	e each and i	identi	ify the	ownership th	ercol (both as to workin
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, climinating such interests, has been approved by the Division  CERTIFICATION  I hereby certify that the information contained herein is true and complete to the best of my howledge and belief.  News  Charles E. Verquer  Position  Superintendent  Company  Date  11-12-84  RECE VED  AND 15-1984  BUREAUJOP LANDOM PROJUCTE AREA  OIL CON.  DIST. 3  OIL CON.  DIST. 3  Certification  Contained the standard former to the least of my contained the standard flow of the terms to the standard flow of the terms to the standard flow	. If more than or	ne lease of di unitization, u	fferent own nitization, f	ership is do orce-poolin	dicated g. etc?	to the wel	l, ha	ve the	interests of	all owners been consoli
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 contained therein is true and complete to the best of my knowledge and belief.  Charles E. Verquer  Position  Superintendent  Company  Caulkins Oil Company  Date  11-12-84   RECEVED  NOV 15/984  BUREAUTOF LAND DIVIDED APPEN  BUREAUTOF LAND DIVIDED APPEN  OIL CON.  DIST. 3  CERTIFICATION  I hereby certify that the well location above to the least of my supervision, and that the same is true and context to the least of my supervision, and that the same is true and context to the least of my force of the context of the least of my force of the context of the least of my force of the context of the least of my force of the context of the least of my force of the least of my force of the context of the least of my force of my	Yes	No II an	swer is "ye	s," type of	consoli	dation				
No allowable will be assigned to the well until all interests have been consolidated (by communitization, untilization 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 contained herein is true and complete to the heat of my how-ledge and belief.  Charles E. Verquer  Position  Superintendent  Company  Caulkins 011 Company  Date  11-12-84  RECE VED  NOV 15/1984  BUREAUTOR LAND PROPERS APEX  BUREAUTOR LAND PROPERS APEX  OIL CON.  MAR 11-1985  OIL CON.  DIST. 3  Certification  Certification  Contained herein field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the less of my sham on this plat was platted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the less of my sham on this plat was platted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the less of my sham on this plat was platted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the less of my sham on this plat was platted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the less of my sham on this plat was platted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the less of my sham on this plat was platted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the less of my sham on this plat was platted from field notes of actual surveys made by my sham on this plat was platted from field notes of actual surveys made by my sham on this plat was platted from field notes of actual surveys made by my sham on this platter.  Company  Cauthins Oil Company  I hereby certify that the well faccilion sham on this platter t			wners and	tract descri	ptions v	which have	aclua	ally be	en consolidat	ed. (Use reverse side o
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Position Superintendent  Company Caulkins Oil Company Date  11-12 84  RECEVED  NOV 15-1984  BUREAULOF LAND DIVANCE APEA  BUREAULOF L	2056	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Mesa	Verde	Dakota		<b>→</b>	I hereby cer toined herei	rily that the information comin is true and complete to the
RECE VED  NOV 151984  BUREAULOF LAND MART 11 1985  OIL CON. D  MAR 11 1985  DIST. 3  Certificate No. 25186 King  Certificate No. 5980		† — — — — ! ! ! ! !			1 1 1 1				Position Sup Company Cau	erintendent lkins Oil Company
BUREAU OF LAND MINOS SENT.  BUREAU OF LAND MINOS SENT.  FARMINGTON PRODUPCE APEA   MAR 11 1985  OIL CON.  DIST. 3  I hereby certify that the well location shown on this plat was platted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my ledge and belief.  CRED LAND  MAR 11 1985  Date tay years  Curvis C. USTOCKING  Certificate No.  5980		1	Sec. 14	C	· - i	VED	<del></del>			
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 $(x,y) = (1-X)^{2} \cdot (1-1) \cdot (1-1)$ 

NAGEEZI QUADRANGLE

NEW MEXICO
15 MINUTE SERIES (TOPOGRAPHIC)



