36 679 A.A. 16 14

Fcm 3160-3 (November 1983)		(Oth	r Instruction	on .	Budget Bureau No. 1004-0136			
(formerly 9-331C)		UNITED STATES		reverse side)		Expires August 31, 1985		
	DEPARTMENT	r of the inte	RIOR		5. t	EASE DESIGNATION	AND BERIAL NO.	
	BUREAU OF	LAND MANAGEME	NT		-	им 03551		
APPLICATIO	N FOR PERMIT	O DRILL, DEEP	EN, OR PL	UG BAC		F INDIAN, ALLOTTE	B OR TRIBE NAMB	
1a. TTPE OF WORK	-					HIT AGREEMENT	MAMB	
	RILL X	DEEPEN 🗆	PLU	G BACK	□ '' '			
OIL C	WELL X OTHER		INGLE	MULTIPLE SONE	8. 2	ARM OR LEASE NA		
2. HAMB OF OPERATOR	···	· · · · · · · · · · · · · · · · · · ·				Breech "E"		
	Caulkins Oil	Company			9. 1	VELL NO.		
2. ADDRESS OF OPERATOR						1 89 M		
	P.O. Box 780 Report location clearly and	Farmington, New	Mexico 8	7499	10.	FIELD AND POOL,	OR WILDCAT	
		_			B1	Blanco MV Basin Dakota		
1625' From North & 790' From West NOV 151394						11. SEC., T., B., M., OR BLE. AND SURVEY OR AREA		
At proposed prod. so	se Same		1012	ENT	<i></i>	-		
At proposed prod. some Same RUNZAU OF LAND MANAGEMENT BUNZAU OF LAND MANAGEMENT 14. DISTANCE IN MILES AND DISECTION FROM HEARIST TOWN OR POSCHIPPICS*						Section 3, 26N 6W		
14. DISTANCE IN MILES	AND DIRECTION FROM NEA	BEST TOWN OR POST SERVICE			12.	COUNTY OR PARISI	1 18. STATE	
30 Miles So	outheast of Blan					io Arriba	New Mexico	
10. DISTANCE PROM PROPUSED® LOCATION TO MEARER PROPERTY OR LEASE LINE, FT. (Also to mearest drig, unit line, if any) 1625			16. NO. OF ACRES IN LEASE 17. NO. TO			REAL ARRIGNED BLL	1w 320,	
18. DISTANCE FROM PRO	POSED LOCATION®	19. P	KOPOSED DEPTH	20	ROTART OR	CABLE TOOLS		
TO MEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEADE, FT.		780	7520	7520 '		Rotary		
11. ELEVATIONS (Show w	bether DF, RT, GR, etc.)	DRILLING OPER	OHTUA RADITAR	RIZED ARE			ORE WILL START	
	6532	Gr. SUBJECT TO CO	MPLIANCE WIT	H ATTACHED	,	June 20,	1985 to administrative	
23.		PROPOSTE NEMANCREO		-	This 80	nursuant to 30	CFR 290.	
SIZE OF HOLE	SIEU OF CASING	WEIGHT PER FOOT	SETTING D	BPTH	вроян	QUANTITY OF CEM	BHT	
12 3/4"	9 5/8"	32.3#	4001		ufficie	nt to circu	ılate 300 Cu.	
		- I ———————————————————————————————————						

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

It is proposed to drill new hole, surface to 752Q' 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 LWP 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 PROSEAM: If proposed is to deepen or plug back, give data on present productive sone and proposed new productive sone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout

reventer program, if any.		
1. BIONED Charles & Olegue TITLE.	Superintendent	APP 11-12 84
(This space for Federal or State office use)		AS AMENDED
DEC 13 1984	APPROVAL DATE	DEC 1 1 1304
COMPITTIONS OF APPROVAL OIL! CON. DIV.		Sechel Jeorge
Ja Dist. 3	NMOCC	FARMME
*See Instruction	ons On Reverse Side	

Second stage thru too set at approx 5520' 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	2 405 '
Pictured Cliffs	2995'
Chacra	3915 '
Mesa Verde	4645
Graneros	7 22 0 '
Dakota	7355 '