Form 3160-3

SUBMIT IN TRIPLICATE®

(Other instructions on

Form approved. Budget Bureau No. 1004-0136

(formarly 9-331C)		reverse sid	ie)	Expires August 31, 1985				
(totality)	DEPARTMEN'	NT OF THE INTERIOR			5. LEASE DESIGNATION AND SERIAL NO.			
BUREAU OF LAND MANAGEMENT						SF-080238A		
APPLICATION	FOR PERMIT	6. IF INDIAR, ALLOTTER OR TRIBE NAME						
la. TYPE OF WORK		DEEPEN [* .	LUG BAC	**	7. UNIT ACABEMENT	FAMB	
b. THE OF WELL	S OTHER	ronda (j. 1867)	SINGLE	MULTIPL 2008		8. FARM OR LEASE M.	AMB	
2. NAME OF OPERATOR						Chaco		
Merrion Oi	1 & Gas Corp		9. WELL NO.					
3. ADDRESS OF OPERATOR	<u>+ + 0000000000000000000000000000000000</u>					3		
D. O. Box	840, Farming		10. FIELD AND POOL, OR WILDCAT					
4. LOCATION OF WELL (BO	port location clearly and		Basin Frui	tland Coal				
At survace	50' FNL & 79		11. SEC., T., R., M., OR	BLK.				
	_					4	- ' ,	
At proposed prod. sone	•					Sec. 12, 5	r26N, R13W	
4. DISTANCE IN MILES A	ND DIRECTION FROM NEA	REST TOWN OR POST	office*			12. COUNTY OR PARIS	H 18. STATE	
	ର ଜ ବଳ ବଳ ବଳ ବଳ ଅନ୍ତମ ଅନ୍ତମ		San Juan	New Mexico				
16. DISTANCE FROM PROPO LOCATION TO MEARSE PROPERTY OR LEASE (Also to permet dis	INR, PT.	4.3 1.391*	- +		ಿಕ್ಕರ್ಡಿಕೆ	FACES ASSISTED		
(Also to nearest drig, unit line, if any) 18. DISTANCE FROM PROPOSED LOCATION® TO NEAREST WELL, DRILLING, COMPLETED. 19. PROPOSED DEPTH 13. CT 13.00 t					20. ROTARY OR CARLE YOULS.			
OR APPLIED FOR, ON THE	rilling, completed, 3 lease, ft.		1300 t	e e e	SAMES	Rotary		
21. ELEVATIONS (Show who	ther DF, RT, GR, etc.)				13.7	22. APPROX. DATE W	FORK WILL STARTS	
5004' GL							0	
23.		PROPOSED CASING	AND CEMENT	ING PROGRA	M	A STATE OF THE STA		
SIZE OF HOLE SIZE OF CASING WEIGHT I		WEIGHT PER FOO	FOOT SETTING DEPTH			QUANTITY OF CRM	BAT	

Will set CIBP above Pictured Cliffs perfs. Will perforate, frac, and produce Fruitland Coal.

OIL CON. DIV.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive some and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preverter program, if any. Reservoir Engineer (This space for Federal or State office use) PERMIT NO. _ APPROVED CONDITIONS OF APPROVAL, IF ANY: HUD C-104 FOR POOL CHANGE WINDOW MEAR ION " CHACO "3" See Instructions On Reverse Side

Submit to Appropriate District Office State Lease - 4 copies Fee Lease - 3 copies

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-102 Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT I P.O. Box 1380, Hobbs, NM 88240 DISTRICT II P.O. Drawer DD, Artesia, NM 88210

DISTRICT III 1000 Rio Frazos Rd., Aztec, NM 87410 WELL LOCATION AND ACREAGE DEDICATION PLAT

1000 Rio Brazos Rd.	., Aztec, NM 87410	All Distances mus	t be from the outer boundar	ries of the section		
Operator			Lease		Wall N	0.
Merrion	Oil & Gas	Corporation	Chaco		3	
Unit Letter	Section	Township	Range		County	
Н	12	26N	13W	NMPM	San Ju	an
Actual Foctage Loca	ation of Well:					
1850	feet from the NOI	rth line a	nd 790	feet from the		ine
Ground level Elev.	Producing	g Formation	Pool		Dedica	led Acreage:
6004'	Fri	itland Coal	Basin		3	20 Acres
2. If more unitizated in a sweet this form No allow	e than one lease is ded e than one lease of diff tion, force-pooling, etc Yes is "no" list the ownen if neccessary. able will be assigned t	i to the subject well by colored to the subject well, outline each ferent ownership is dedicated to 2? No If answer is "yes and tract descriptions which to the well until all interests haminating such interest, has been	and identify the ownership the other well, have the interest of the well, have the interest of the well, have actually been consolidated to the been consolidated (by communication).	hereof (both as to workin f all owners been consoli ed. (Use reverse side of	dated by communitizat	
				- 0.58 - 0.58 - 790 ' C.	gnature George F. Sinted Name Reservoir Existion Merrion ()il ompany June 27, 19 ate	that the information the and complete to the distiller. Sharpe Engineer & Gas Corp
		THE PROPERTY OF	7) 10 (f (g) 1990 OH JOH 5 9187 3		hereby certify that to n this plat was plott ctual surveys made upervison, and that	he well location shown led from field notes of by me or under my the same is true and of my knowledge and
0 330 660	990 1320 1650	1980 2310 2640	2000 1500 1000	500 0		

Chaco #3 Wellbore Schematic

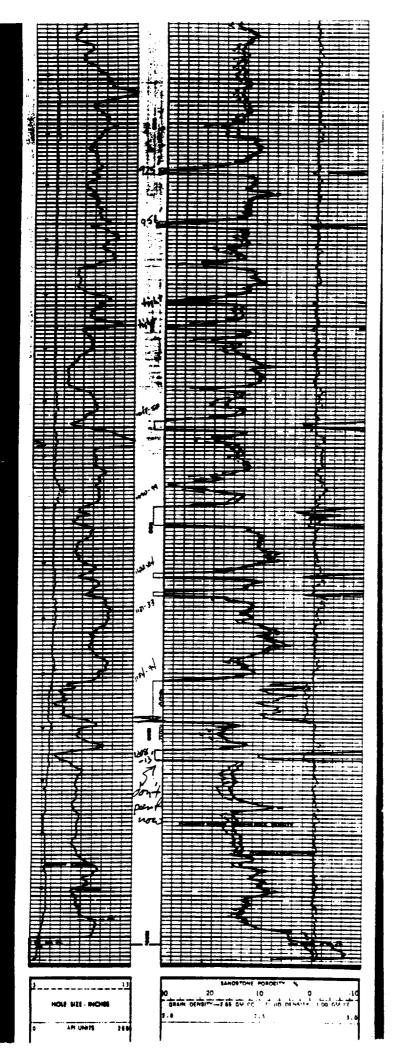
GF5 6-26-90

Location: 1850 FNL 790 FEL

Sec 12 TZGN R 13W

Elevation: 6004'6.L.

7 7/8" hole 5 1/2" 15,5 # 059 @ 41 Tops: Cut to surful 10 sx Kirtland 165' Fruitland 923' Pictured Cliffs 1214' 4 3/4" hole 2 7/8" 6.5 # csq @ 1278' Cunt w/ 100 sx Class 6 TOC @ 400' per CBL 34 jts 14" 2,4" EUE PROMISED PERFS 924-26 950-52' 1947-52 CURRENT PERFS 1645-14 ∇ - Fruitland Coal Perfs 1178-86 25PF - Baker Retrieval & Pkr @ 1185 Tally (1194') - Fruitland Sand Pents? 1196-1204 21PF ∇ -acidite combined perts w/ 336 901 15% HC1 PBTD = 1257 TD = 1300



Chaco #3 3-14-77 Dansilon