SUBMIL IN INFLICATES

FORM APPROVED OMB NO. 1004-0136 Expires: February 28, 1995

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

5. LEASE DESIGNATION AND SERIAL NO.

	<del></del>	LAND MANAG		6. IF NIMS FLEGOTE 9-9-66-8NAME
/	ICATION FOR P	ERMIT TO D	DRILL OR DEEPEN	A 144 A PERSONAL DESCRIPTION OF THE PROPERTY O
(a. TYPE OF WORK , Di	RILL 🗹 -	DEEPEN [		7. UNIT AGREEM WYTALAME
	CAS (7)		SINGLE MULTIP	8. FARM OR LEASE NAME WELL NO
WELL	WELL OTHER		ZONE ZONE	
ichardson C	perating Co. (	(303) 830-800	0	9. API WEROPCO 4 #1
				30-045-3036 6 10. FIELD AND POOL, OR WILDCAT
/UU LINCOIN LOCATION OF WELL (	. Suite 1/00, Report location clearly and	Denver, Co	o. 80203 h any State requirements.*)	Twin PC & Ba. Fr. Co.
At surface	870' FNL 8	& 1205' FE	EL	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
At proposed prod. zo				A
4. DISTANCE IN MILES	Same	REST TOWN OR POST	OFFICE*	4-29n-14W NMPM 12. COUNTY OR PARISH   13. STATE
	E_of_Kirtland,			San Juan NM
LOCATION TO NEARES	POSED '	Aisi	16. NO. OF ACRES IN LEASE	17. NO. OF ACRES ASSIGNED TO THIS WELL.
PROPERTY OR LEASE (Also to nearest dr	ig. unit line, if any)	115'	2523.72	158.3/318.3
TO NEAREST WELL. OR APPLIED FOR, ON TI	DRILLING, COMPLETED.	N1 / A	19. PROPOSED DEPTH	20. ROTARY OR CABLE TOOLS
	hether DF, RT, GR. etc.)	N/A	1,200'-	Rotary  22. Al'PROI. DATE WORK WILL START*
		5,435' ung	raded ground	Upon Approval
3.		PROPOSED CASIN	NG AND CEMENTING PROGRAM	1
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FO	OT SETTING DEPTH	QUANTITY OF CEMENT
8-3/4"	7" (K-55)	20#	120'	≈36 cu ft & to surface
8-3/4" 6-1/4"	7" (K-55) 4-1/2" (K-55)	<del>20#</del> 10.5#	1 <del>20'</del> 1,200'–	≈36 cu ft & to surface ≈220 cu ft & to surface
6-1/4" On sited Archaeo	4-1/2" (K-55)  I with Neel McBri logy report LAC	10.5#  de. 2000-31b	MAR 2001  Mar 2001	cc: BLM (& OCD), Collad proposed new productive zone. If proposal is to drill or ter program, if any.
On sited Archaeo  Archaeo  ABOVE SPACE DESCRIF	4-1/2" (K-55)  I with Neel McBri logy report LAC	10.5#  de. 2000-31b	MAR 2001  Mar 2001  Mar 2001  Consultant (505)	cc: BLM (& OCD), Collad proposed new productive zone. If proposal is to drill or ter program, if any.
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On sited Archaeo  Archaeo  Archaeo  Archaeo  TABOVE SPACE DESCRIF  Repen directionally, give per  This space for Federal PERMIT NO.	Heral or State office use)	de. 2000-31b	MAR 2001  MAR 2001  MAR 2001  Consultant (505) 4  APPROVAL DATE	cc: BLM (& OCD), Collad proposed new productive zone. If proposal is to drill or ter program, if any.  10-2-00
On sited Archaeo  Archaeo  Archaeo  ABOVE SPACE DESCRII  This space for Federal Space for Federal Space for Federal Application approval does	Heral or State office use)	de. 2000-31b	MAR 2001  MAR 2001  MAR 2001  Consultant (505) 4  APPROVAL DATE	cc: BLM (& OCD), Collad proposed new productive zone. If proposal is to drill or ter program, if any.  10-2-00

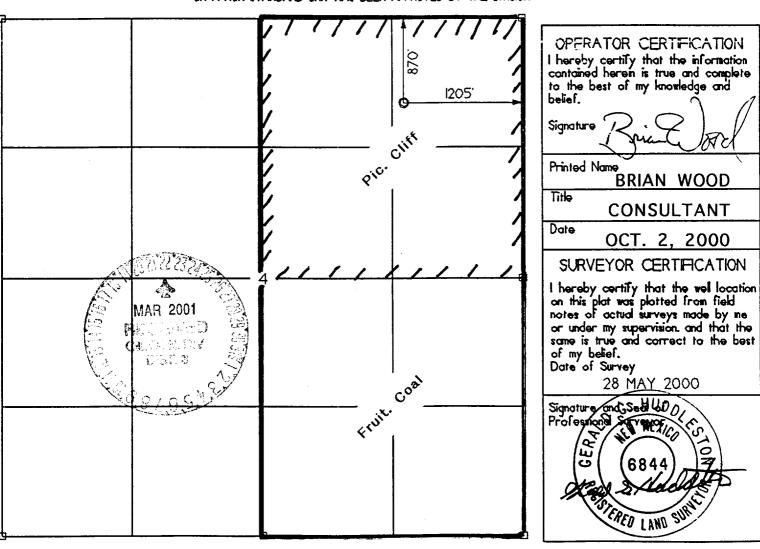
or complete the reservoir and militarity to messed and terror more or a seri-

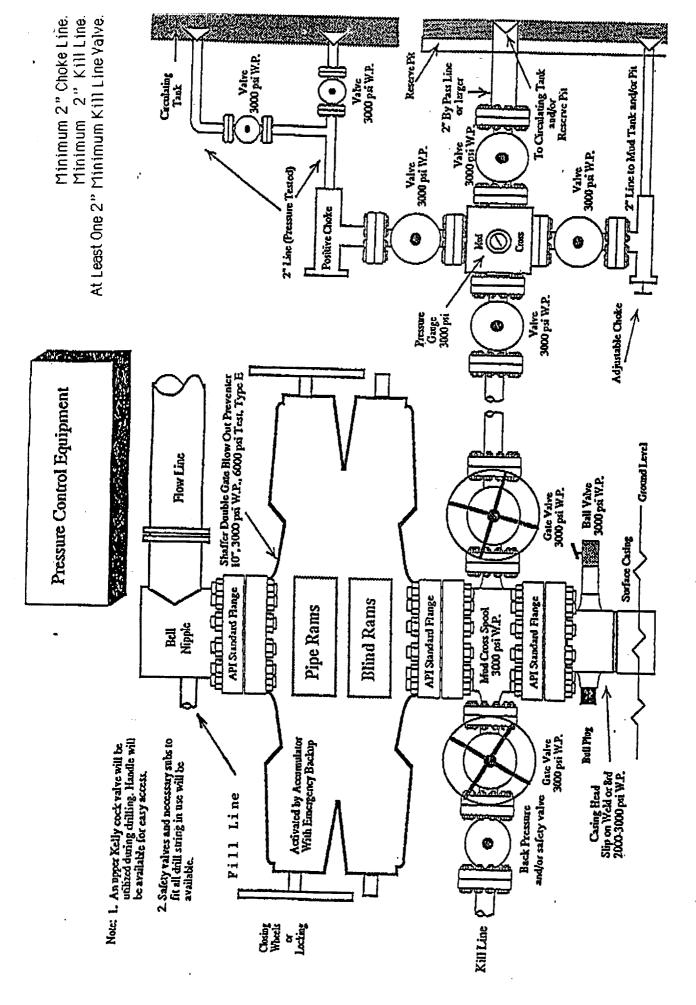
### State of New Mexico Energy. Minerals & Mining Resources Department

OOIL CONSERVATION DIVISION 2040 South Pacheco Santa Fe. NM 87505

30.045-30366			Paal Code		Pool Name				
		30 <i>36</i> 6	<u>⊃                                    </u>	629 & 8	36620	FRUIT. C	COAL &	TWIN MOU	IND PC
Property Code					Well Number				
2.750	56	· ROPCO						4 -	
QGRID N	o	Operator Name						Bevalion	
019219 RICHARDS				ICHARDSC	ON OPERATING COMPANY				5435:—
					Surfac	e Location			
UL or Lot	Şec.	Twp.	Rge.	Lot lan.	Feet from>	North/South	Feet from>	Egst/West	County
Α	4	29 N.	14 W.		870	NORTH	1205	EAST	SAN JUAN
· · · · · · ·	•	•	•	Batton	Hale Location	n If Different	From Surface		- · · · - · · · · · · · · · · · · · · ·
UL or Lat	Sec.	Tup.	Rge.	Lot lon.	Feet from>	North/South	Feet from>	East/West	County
Dedication Jaint?		int ?	Consolidation		Order No.				

NO ALLOWABLE WILL ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIMISION





Note: This equipment is designed to meet requirements for a 2-M rating standard per 43 CFR part 3160 (amended). Proper operation and testing of equipment will be caried out per standard. 2,000 psi equipment can be substituted in the drawing to meet minimum requirements per standard.

Richardson Operating Co. WF Federal 4 #1 870' FNL & 1205' FEL Sec. 4, T. 29 N., R. 14 W. San Juan County, New Mexico

### 5. MUD PROGRAM

Surface casing hole will be drilled with fresh water. Production casing hole will be drilled with a fresh water polymer mud. Weighting material will be drill solids or, if needed, barite. Maximum expected mud weight will be 8.7 pounds per gallon. Sufficient material to maintain mud properties, control lost circulation, and contain a blowout will be available at the well while drilling.

# 6. CORING, TESTING, & LOGGING

No cores or DSTs are planned. Induction/GR, cement bond, and density logs will be run from TD to surface.

# 7. DOWNHOLE CONDITIONS

No abnormal pressures, temperatures, nor hydrogen sulfide are expected. Maximum pressure will be  $\approx$ 480 psi.

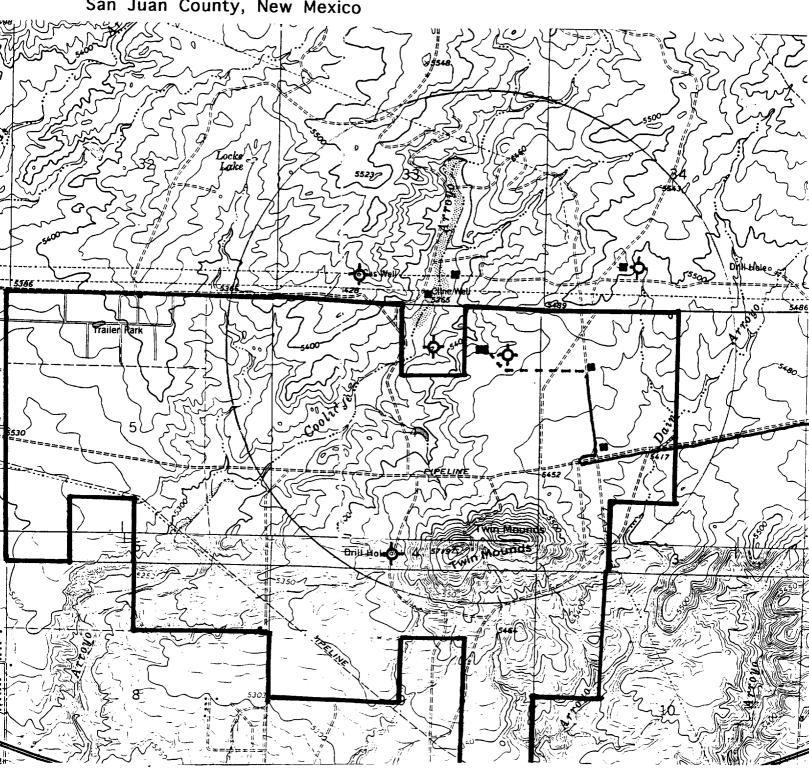
#### 8. OTHER INFORMATION

The anticipated spud date is October 16, 2000. It is expected it will take five days to drill and one week to complete the well.



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PROPOSED WELL:

EXISTING WELL:

P&A WELL: 💠

LEASE BOUNDARY:

EXISTING ROAD:

NEW ROAD & PIPELINE:

