

30-041-20524

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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input type="checkbox"/>	FEE <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			
b. Type of Well		8. Farm or Lease Name	
OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		Shell Brumfield 34	
2. Name of Operator		9. Well No.	
Shell Oil Company		1-34	
3. Address of Operator		10. Field and Pool, or Wildcat	
P. O. Box 991 Houston, TX 77001		Chia Lead Cars	
4. Location of Well		12. County	
UNIT LETTER <u>KX</u> LOCATED <u>2310</u> FEET FROM THE <u>South</u> LINE		Roosevelt	
AND <u>1980</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>34</u> TWP. <u>4S</u> RGE. <u>34E</u> NMPM			
19. Proposed Depth		19A. Formation	
8600'±		Penn, PreMiss	
20. Rotary or C.T.		22. Approx. Date Work will start	
Rotary		12/26/79	
21. Elevations (Show whether DF, RT, etc.)		21A. Kind & Status Plug. Bond	
4330'± GR		Blanket	
21B. Drilling Contractor			
Cherokee			

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/2"	13 3/8"	48#	400'±	200 est.	surface
11"	8 5/8"	32#	3300'±	400 est.	circulate
7 7/8"	5 1/2"	17#	8600'±	500 est.	3000'

BOP Program Attached

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed A.J. Fore A.J. Fore Title Senior Engr. Tech. Date 12/3/79

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT DATE DEC 26 1979

CONDITIONS OF APPROVAL, IF ANY:

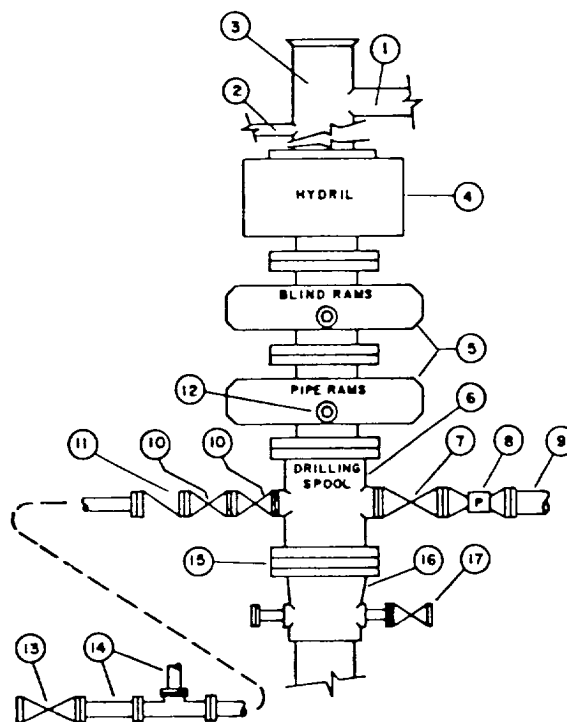
MINIMUM BLOWOUT PREVENT EQUIPMENT REQUIREMENTS FOR DEEP NORMAL PRESSURE WELLS

0000 psi WP-API Class 3MR-10-SRK

SPECIFICATIONS FOR WELL NO. Brumfield 1-34 CASING SIZE 13³/₈ - 8⁵/₈

Contractor and Operator to furnish items checked (x)

No.	Item	Min. Size	Type	Press. Rating	Furnished by	
					Contr.	Oper.
1	Flowline	8 5/8"			X	
2	Fill up Line	2		2000	X	
3	Drilling Nipple	11 3/4"			X	
4	Hydril*	10	Shaffer	3000	X	
5	Two single or one dual hydraulically operated CIW or Shaffer rams	10"	LWS	3000	X	
6	Drilling spool with 2" and 3" min. outlets	2 3		3000	X	
7	Gate Valve	3	*CIWF	3000	X	
8	Gate Valve Power Operated	N/A	*CIWF			
9	Line to choke manifold	3		3000		X
10	Gate Valves	2	*CIWF	3000		
11	Check Valve	2	*CIWF	3000		
12	_____ " and _____ " outlets in ram. Run kill and choke lines from these outlets. (Alternate to #6 above)	N/A				
13	Valve at roadside on kill line extension	2		3000	X	
14	Kill lines to pump manifold and to roadside connection	2		3000	X	
15	Wear flange or bushing	8 5/8"	*CIW			X
16	Casing Spool	10		3000		X
17	Gate Valve	2		3000		X
-	Rotating head for air-gas drilling	N/A				



*or equivalent