

MERIDIAN OIL INC.

Pitchfork "4" Fed No. 1  
1980' FSL & 1980' FWL  
Sec. 4, T-25-S, R-34-E  
Lea County, New Mexico  
NM-16139

To supplement USGS Form 9-331C "Application to Drill" the following additional information is submitted concerning questions on Page 5 of NTL-6:

1. See Form 9-331C.
2. See Form 9-331C.
3. The geological name of surface formation is: Ochoa
4. See Form 9-331C.
5. See Form 9-331C.
6. The estimated tops of important geological markers are:

Rustler	1050'	Strawn	13,700'
Anhydrite	5020'	Atoka Sand	13,950'
Delaware Sand	5200'	Morrow A-2	14,800'
Bone Spring	9400'	Morrow A-1 Sand	15,000'
Wolfcamp	12,700'		

7. The estimated depths at which anticipated water, oil gas and mineral bearing strata are as follows:

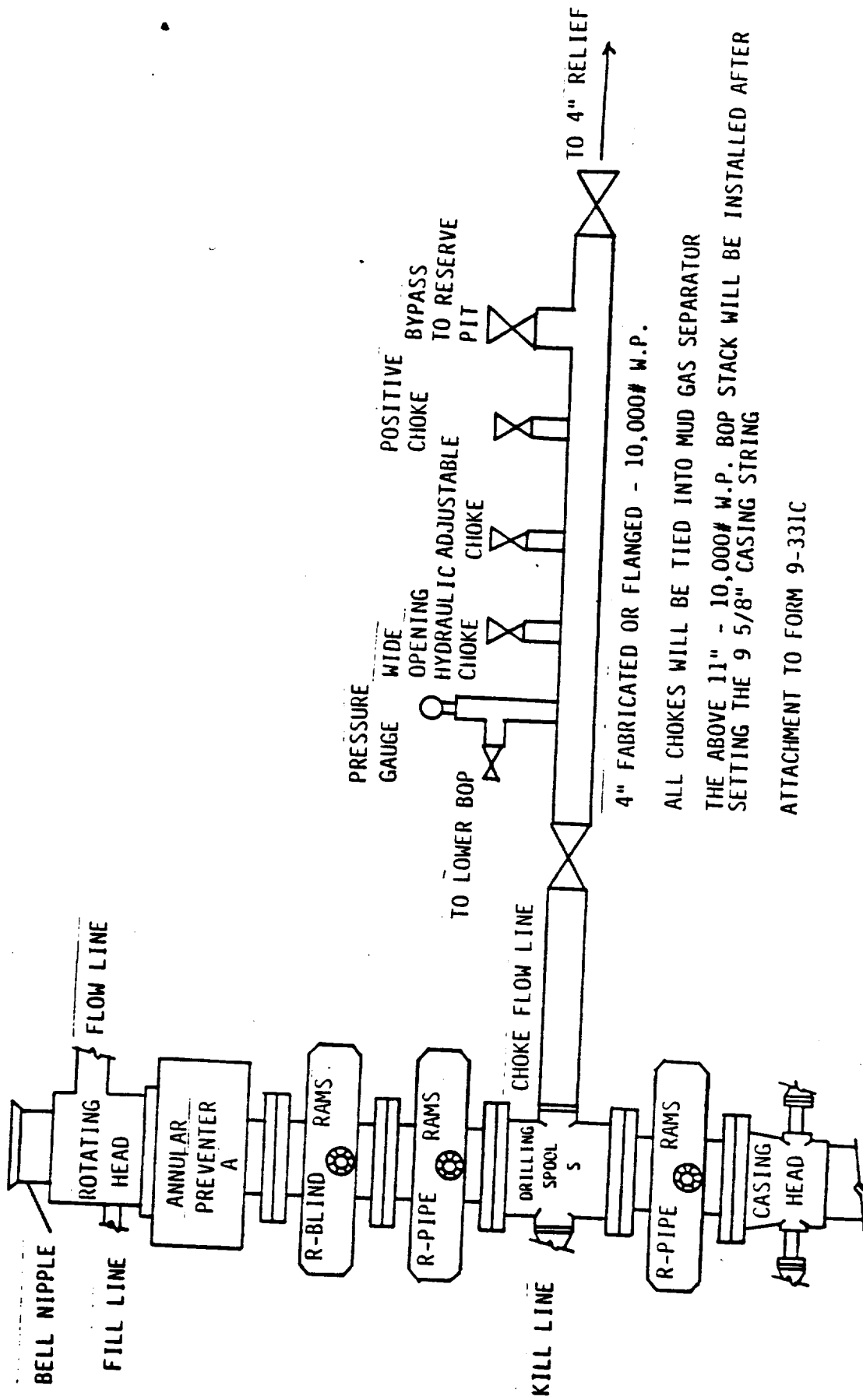
Wolfcamp	12,700'	- Oil
Atoka Sand	13,950'	- Gas
Morrow	14,800'	- Gas

8. See Form 9-331C. All casing will be new.
9. See Form 9-331C for depths of strings. Cement volumes and additions as follows:

- a. 13 3/8" csg: Cement w/500 sxs Lite "C" cmt and tail in w/150 sx Cl "C" cmt. Circ to surface.
- b. 9 5/8" csg: Cement w/1700 sxs Lite "C" cmt w/15# salt and tail in w/500 sx Cl "C" cmt. Circ to surface.
- c. 7" csg: Cement w/1200 sxs Lite "H" and 500 sxs Cl "H" Neat. TOC @  $\pm$  5100'.
- d. 4 1/2" liner: Cement w/300 sx Cl "H". Circ to top of liner.

A caliper log will be run prior to setting 7" and 4 1/2" pipe to determine exact cement volumes required.

10. The pressure control diagram is attached to Form 9-331C. The following additional information is as follows:



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