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Title 19 U.S.E. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its invisition

NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

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		All distances must be	from the outer boundarie	s of the Section.					
Operator W. A. N	MONCRIEF, JR.		FAST DRAW F	EDERAL	······	Well No. 1			
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Form C-102 Supersedes C-128 Effective 1-1-65









EXHIBIT #1 W. A. MONCRIEF, JR. #1 FAST DRAW FEDERAL SECTION 5, T23S, R24E EDDY COUNTY, NEW MEXICO

RECOMMENDED DRILLING AND COMPLETION PROCEDURE

- (1) Drill 17" hole to 400' with spud mud.
- (2) Set 13 3/8" casing at 400' and circulate to cement (approximately 300 sax class "C" w/2% CaCl). Install 12" x 3000 PSI W.P. casinghead and BOP stack.
- (3) Drill 11¹/₂" hole with fresh water from 400' to 2350' and control seepage with paper. Dry drill if complete loss of returns is experienced.
- (4) Load hole with 34 sec. viscosity mud at 2350' if hole is showing severe seepage; otherwise run 8 5/8" casing with water in hole.
- (5) Set and cement 8 5/8" casing at 2350' with sufficient cement to circulate (est. 700 sax lite, ½# Flocele/sack, slurry wt. 12.8#/gas + 200 sax NEAT w/2% CaCl, flurry wt. 14.8#/gal.) Install 12" x 3000 PSI W.P. spool with secondary seal and bit guide, choke manifold, B.O.P. and Hydril.
- (6) Test casing, casing spool, BOP and choke manifold to 3000 PSI with yellow jacket. Install PVT equipment and flow sensor at nipple up or before 8000'.
- (7) Drill 7 7/8" hole to a total depth of 10,800' using fresh water to drill to 8000'. Go to a 9.7# cut brine w/4% KCL at 8000' to drill upper Penn carbonates. Add soda ash to treat hardness below 600 PPM and add Drispac and Starlise to maintain 31-33 sec. viscosity and 10 cc water loss. At 9200'; drop water loss to 5-8 cc and increase viscosity as necessary to maintain hole to total depth.
- (8) Drill stem test all shows.
- (9) Run logs (combination CNL-FDC w/gamma ray & DLL).
- (10) Set and cement 5½" production string (rough coated and centralised through pay zones) w/1050 sax class "H" cement with .5 of 1% CFR-2. Pump plug down with 5% KCL packer fluid. Run temperature survey to locate top of cement outside casing.
- (11) Install 10"-3000 PSI W.P. x 6" 3000 PSI W.P. tubing head and Christmas tree.
- (12) Move out rotary rig and move in completion unit.

Exhibit #1 W. A. Moncrief, Jr. #1 Fast Draw Federal Page Two

- (13) Pressure test casing and head to 3000 Psig.
- (14) Install BOP.
- (15) Run tubing and packer.
- (16) Swab well down.
- (17) Perforate with 4" casing gun.
- (18) Production test well.
- (19) Stimulate well as necessary.
- (20) Clean up treating fluid.
- (21) Flow test well.
- (22) Run CAOF test and pressure build-up.
- (23) Connect surface equipment.