



CONDITIONS APPLICABLE TO ALL WELLS

1. All mitigating measures identified in the Chandler and Associates, Inc., Southwest Rangely Area, 1991 Master Plan of Development shall be incorporated into all approved APD's unless specifically deleted or modified by BLM.
2. Due to the large number of existing and proposed roads in the area, a signing program will be required that will identify dead end and through roads. Chandler and Associates will coordinate with BLM in developing a signing strategy.
3. Rights of way will be required for all access roads, other than county roads, and pipelines except from an individual well to its lease boundary.
4. Construction areas and access roads shall be watered to control fugitive dust.
5. The seed mix identified in the 1991 Master Plan of Development shall be modified to add one pound per acre, Indian ricegrass, and one half pound per acre, Yellow sweet clover.
6. All drilling and production pits will be fenced to preclude access to livestock and wildlife. Pits located on the following well pads are on sheep allotments and therefore shall be fenced with a minimum four feet high woven wire: 26L-6-1-2, 10-6-1-2, 2-18-1-2, 7-10-1-3, 23L-5-1-2, 21L-5-1-2, 15-5-1-2, 1-36-1N-3, 13-30-1N-2, 15L-5-1-2, and 13L-5-1-2. Pits on the following wells are located on a cattle allotment and shall be fenced with four strands of barbed wire, the top strand to be a minimum of four feet high: 12-18-1-2 and 10-18-1-2.
7. All access roads passing through allotment or pasture fences shall have cattleguards installed unless specifically identified otherwise. Cattleguards shall be constructed to BLM standards as identified on the attached diagrams.
8. No permanent obstacles shall be placed so as to interfere with the movement of livestock including leaving open an extensive amount of pipeline trench.
9. Lockable gates shall be placed within the following legal descriptions (exact locations to be determined in the field): T.1S., R.102W., Sec. 5: N1/2 Lot 26 and T.1S., R.103W., Sec. 12: NWNWNE. The gates will be located to preclude travel by the general public from November 15 through March 1 of each year. The gates will have BLM signs identifying why the gates are locked. Gates shall also be placed on the following access roads that have not been applied for at this time: T.1S., R.102W, Sec. 5: NENESW, Sec. 7: SENESE and NWNWSW, T.1S., R.103W., Sec. 23: SENENW and SESWNE.
10. All reserve and production pits shall have flagging placed over the pit to discourage access to pit contents by waterfowl, raptors, or other species of bird.



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11. Water used for dust suppression shall not be production water.
12. To offset the impact from new road and pipeline construction in this area, Chandler and Associates shall close, condition or otherwise prevent continued vehicular travel on existing pipeline and superfluous roads within the SW Rangely Project area. BLM will work with Chandler and Associates in identifying road segments and pipelines that will be included in this stipulation. This work is anticipated to involve between 5 and 10 miles over the life of the project.



Chandler & Associates, Inc.
SW Rangely Fed. #13-30-1N-2
Sec. 30, T1N, R102W, 6th P.M.
Rio Blanco County, Colorado

SITE SPECIFIC DATA

1. Existing Roads:

The portion of existing access road highlighted in yellow on Topo Map "A" and "B" is off this Lease. There is approximately 2.9 miles of road between County Road #2 and the North line of Section 30.

There will be a 36" culvert placed as shown on Topo Map "B" in the NW1/4 NW1/4, Section 19.

SWR 13-30-1N-2



ESTIMATED TOPS

	TOP	PROD. PHASE
CASTLEGATE	2332	
MANCOS "B"	3547	GAS
BASE OF MANCOS "B"	3627	
TOTAL DEPTH	3800	

CASING PROGRAM

	DEPTH	HOLE SIZE	CSG. SIZE	TYPE	WEIGHT
SURFACE	380	12 1/4"	8 5/8"	K-55	24 #/FT.
PRODUCTION	3800	7 7/8"	5 1/2"	K-55	15.5 #/FT.

CEMENTING PROGRAM

CASING	VOLUME SX	TYPE & ADDITIVES
SURFACE	300	Class "G" 3% CaCl ₂ 1/4#/sk cello flake
PRODUCTION	550	Class "G" 3% KCL Water 5 #/sk HiSeal 13.25 #/Gal. yield = 1.66
plus	125	Class "G" 3% KCL Water 2 #/sk HiSeal 15.6 #/Gal. yield = 1.15