	OPERATOR:	LEASE / WELL:	SURVEY LOCATION:	DATE
	SG Interests	Federal 11-90-15 #4 HZ		**2/17/2014**
	DRILLING RIG:	COUNTY / STATE:	SURFACE LOCATION:	FIELD:
	COMPLETION RIG:	**Gunnison County, CO.**		**Bull Mountain Unit**

20/40

HORIZONTAL HOLE

9,273'

DRILLING / COMPLETION FLUID

DRILLING FLUID:	ppg -
DRILLING FLUID:	ppg -
DRILLING FLUID:	ppg -
COMPLETION FLUID:	ppg -
PACKER FLUID:	ppg -

TUBULAR DATA

Tubulars	Size	Weight	Grade	Thread	MD	TVD	TOL
DRIVE PIPE							
CONDUCTOR	20"	106.5#	X-42 / A-53	Welded	80'	80'	
SURFACE	13-3/8"	54.5#	J-55	ST&C	400'	400'	
INTERMEDIATE	9-5/8"	40#	J-55	LT&C	5,500'	5,453'	
PRODUCTION	5-1/2"	17#	P-110	LT&C	8,100'	8,029'	
PRODUCTION	5-1/2"	17#	P-110	BUTT	12,907'	8,500'	
PROD LINER							
PROD TIEBACK							
PROD LINER							
TUBING (Short String)							
TUBING (Long String)							
COILED TUBING							

ESTIMATED DAYS

Est. Drill Case & Suspend Days: 57

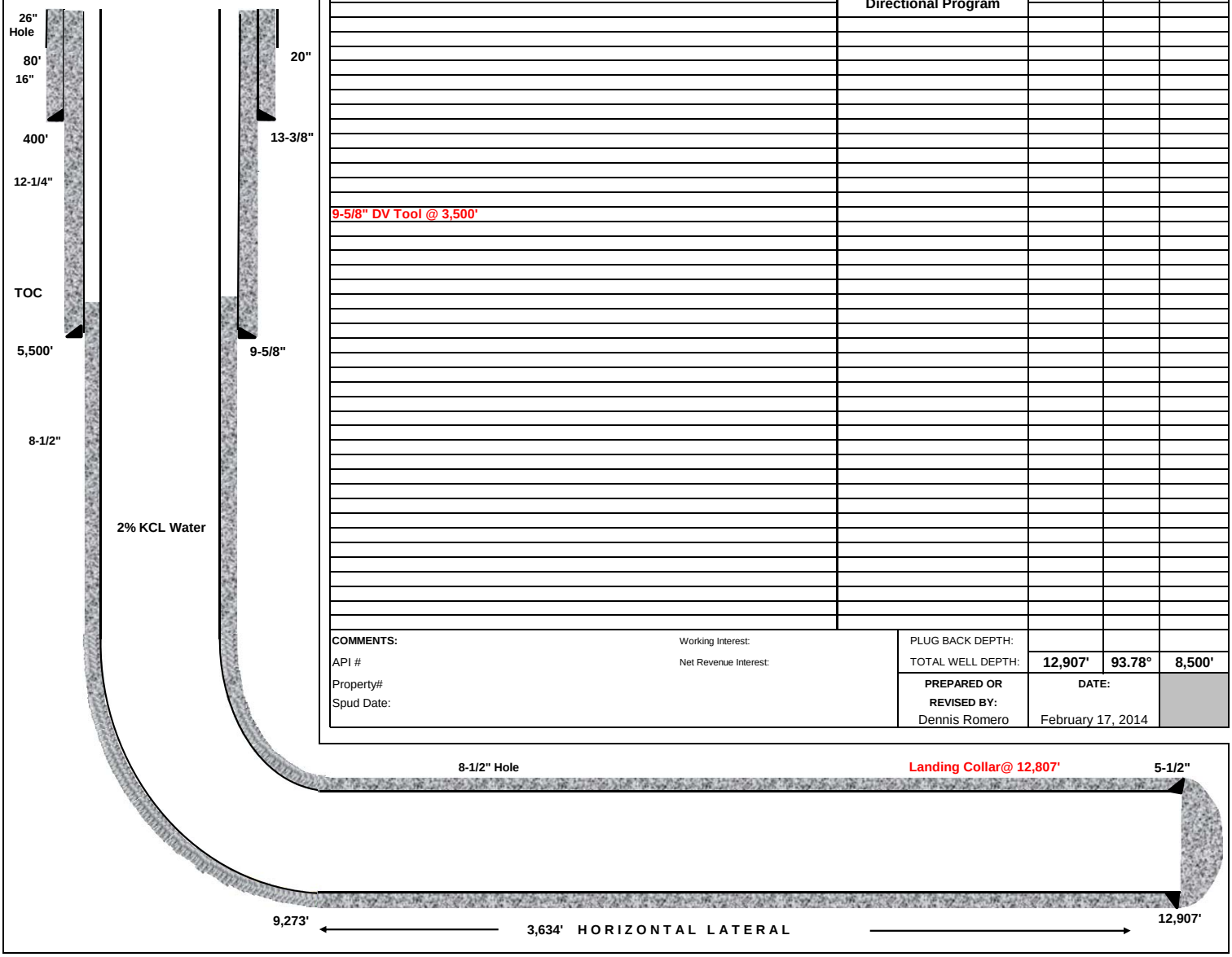
Est. Completion Days: 21

Est Total Days: 78

ELEVATIONS:	GROUND ELEVATION
RKB:	
RKB-ELEV:	

WELLBORE SKETCH

DRAWING NOT TO SCALE



Formation Tops (TVD)	Remarks	DEPTH MD	INCL DEG	DEPTH TVD
	See Attached Helmer Directional Program			
9-5/8" DV Tool @ 3,500'				

COMMENTS:	Working Interest:	PLUG BACK DEPTH:		
API #	Net Revenue Interest:	TOTAL WELL DEPTH:	**12,907'**	**93.78°**	**8,500'**
Property#		**PREPARED OR REVISED BY:**	**DATE:**	
Spud Date:		Dennis Romero	February 17, 2014	

WBD FEDERAL 11-90-15 #4 HORIZONTAL