UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

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				5.	Lease Numb	er
1. Type of Well GAS				6.	If Indian, Tribe Name	All. or
2. Name of Operator				7.	Unit Agree	ment Nam
RESOURCES OIL & G	as company					
3. Address & Phone No. of Operator				8.		& Number
PO Box 4289, Farmington, NM 8	7499 (505) 32	26-9700		9.		
4. Location of Well, Footage, Sec.	, T, R, M			10.	30-045-084 Field and	90 Pool
1450'FSL, 1850'FWL, Sec.10, T-2	9-N, R-10-W,	NMPM			Blanco MV/	Basin Dk
				11.	County and San Juan Co	
2. CHECK APPROPRIATE BOX TO INDICATOR	ATE NATURE OF	NOTICE	REPORT O	กกรอ		_
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	Altering C	acina	Conversi	on to	Injection	
	_ Other - Co	mming			_	
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Hare 14

Dakota/Mesaverde AIN: 2723901 and 2723902 1450' FSL & 1850' FWL Unit K, Sec. 10, T29N, R10W

Latitude / Longitude: 36° 42.95'/ 107° 51.43'

Recommended Commingle Procedure

Project Summary: The Hare 14 is a dual Dakota/Mesaverde well drilled in 1960 as a Dakota. The Mesaverde was completed in 1970. The Dakota is currently producing 33 MCFD and has a cumulative production of 1,450 MMCF. The Mesaverde is producing 48 MCFD and has a cumulative production of 1,074 MMCF. We plan to commingle this well, install production equipment, run steel coil tubing and install a plunger lift in order to keep the well unloaded. This well was last pulled in 01/81. Estimated uplift is 40 MCFD for the Dakota and 45 MCFD for the Mesaverde. Note: Coordinate rig work with coil tubing unit.

WORKOVER RIG: (Pull tubing)

- 1. Comply with all NMOCD, BLM and Burlington safety and environmental regulations. Test rig anchors and build blow pit prior to moving in rig. Notify BROG Regulatory (Peggy Bradfield 326-9727) and the appropriate Regulatory Agency prior to pumping any cement job. If an unplanned cement job is required, approval is required before the job can be pumped. If verbal approval is obtained, document approval in DIMS. Allow as much time as possible prior to pump time in case the Agency decides to witness the cement job.
- 2. MOL and RU workover rig. Conduct safety meeting for all personnel on location. NU relief line. Blow down well and kill with 2% KCl water as necessary. ND wellhead and NU BOP. Test and record operation of BOP rams.
- 3. Release the tubing from the Model D packer with straight pickup (no rotation required). The tubing was set with 10,000# compression in the packer. If tubing will not come free, then cut 1-1/2" tubing above the packer and fish with overshot and jars. TOOH with 1-1/2" tubing (set at 6600' in the packer). Lay down tubing.
- 4. PU a work string and TIH with Model CK packer retrieval spear (PRS, with holes drilled near rotary shoe), rotary shoe, drain sub, top bushing, bumper sub, jars, and 4-6 drill collars on 2-3/8", 4.7#, J-55, EUE work string. Mill out Model D packer at 6600' with air/mist. Note: when using air/mist, the minimum mist rate is 12 bph. Try to maintain air rate at 1,400 cfm. A hydrocarbon stable foamer should be utilized since this well makes significant amounts of condensate. After milling over the packer slips, POOH with tools and packer body.
- 5. ND BOP and NU WH. RD and MOI.

COIL TUBING UNIT (Cleanout and install coil tubing)

- 1. Install coil tubing wellhead assembly. MOL and RU coiled tubing unit. Obtain and record all wellhead pressures. NU relief line. Blow well down and kill with 2% KCl water if necessary. ND WH and NU BOP with injector head. Test and record operation of BOP rams.
- 2. TIH with 2-3/8" coil tubing with mule shoe and tag bottom (record depth.) Clean out with air/mist to PBTD at +/- 6810'. PU above the perforations and flow the well naturally, making short trips for clean up when necessary. TOOH with tubing. NOTE: When using air/mist, minimum mist rate is 12 bph.
- 3. Weld a SN with expendable check on bottom of 2-3/8" steel coil tubing. TIH with coil tubing and a seating nipple with a pump off plug. Land tubing in tubing hanger at approximately 6650'. Raise BOP and injector head enough to set slips around coil tubing. Ensure slips set into hanger and cut off coil tubing. Remove

BOP and injector head. NU wellhead. Pump off plug. Connect to casing and circulate air to assure that expendable check has pumped off. Jet well in. RD and MOL. Return well to production.

4. Production operations will install a plunger.

Recommended:

Operations Engineer

Approval: <u>Spuce D.</u> Dong Drilling Superintendent

Contacts:

Operations Engineer

Joe Michetti

Office - 326-9764

Pager - 564-7187

Sundry Required

Lease Operator:

Mike Gould

Cell: 320-2509

Pager: 326-8405

Specialist:

Cell: 320-2503

Pager: 326-8473

Foreman:

Terry Nelson Steve Florez

Office: 326-8560

Cell: 320-0029

Pager: 326-8199

JAM/jms