



FILE COPY

**Key Energy Services, Inc.**Four Corners Division  
5651 US Highway 64  
P.O. Box 900  
Farmington, NM 87499

Phone: 505-327-4935

Fax: 505-327-4962

February 27, 2001

Rig #43

Conoco, Inc.  
P.O. Box 2197, DU 2032  
Houston, TX 77252-2197

This is to certify that Key Energy Services, Inc. did run deviation surveys at the listed depths on your State Com "Q" 13M well in S36-T29N-R08W in Rio Arriba county, New Mexico.

Depth	Deviation	Depth	Deviation
283'	1½°	2776'	¾°
784'	1½°	3270'	1°
1280'	1½°	3668'	¾°
1779'	1°	7490'	2¼°
2290'	1¾°		

Drilled with air hammer from 3705' to 7535'.

To the best of my knowledge, I swear this information to be true.

Sincerely,

J.D. Griffith  
Drilling contract manager  
Notary Public

My commission expires:

6/26/02

Richardson Operating Co.  
WF Federal 33 #2  
1637' FNL & 746' FWL  
Sec. 33, T. 30 N., R. 14 W.  
San Juan County, New Mexico

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#### 4. PROPOSED PRODUCTION FACILITIES

A pump, meter run, and separator will be installed on the pad. Surface equipment will be painted a flat juniper green color.

Two  $\approx 3$ " SDR-11 poly pipelines will be buried in one  $\approx 36$ " deep trench by Richardson Operating Co. The trench will parallel the existing road southwest for 254' to tie into Richardson's existing pipeline system.

The gas line will operate at  $\approx 50$  psi. The water line will operate  $\approx 60$  psi. Test pressure will be 128 psi. Test medium will be the well's own gas and water. Water will be discharged into the reserve pit. Burst pressure is 630 psi at 60° Celsius. Wall thickness is 0.318". Joints will be joined with butt heat fusion. The pipeline route will be posted with markers.

#### 5. WATER SUPPLY

Water will be trucked from a private water source in Farmington.

#### 6. CONSTRUCTION MATERIALS & METHODS

NM One Call will be notified before construction starts. A diversion ditch will be cut southeast of the pad. South corner of pad will be trimmed. Top 6" of soil will be stripped and stored south of the pad. A  $\approx 12$  mil plastic liner will be installed in the reserve pit.

#### 7. WASTE DISPOSAL

All trash will be placed in a portable trash cage. It will be hauled to the county landfill. There will be no trash burning. Once dry, contents of the reserve pit