

OK

Jerome P. McHugh & Associates
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January 11, 1989

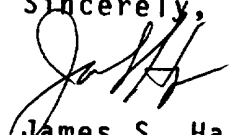
New Mexico Oil Conservation Division
1000 Rio Brazos Rd.
Aztec, NM 87410

RE: JEROME P. McHUGH
Carracas Mesa 14 #1
Sec. 14, T32N, R4W
Rio Arriba County, NM

Gentlemen:

I hereby certify that deviation surveys were run on the captioned well as shown on the attached listings.

Sincerely,


James S. Hazen
Field Supt.

cm

Attachments

RECEIVED

JAN 13 1989

OIL CON. DIV
DIST. 3

State of New Mexico)
County of San Juan) ss

Subscribed and sworn to before me this 11th day of Jan., 1989.



OFFICIAL SEAL
FRANCES PERRIN
NOTARY PUBLIC - NEW MEXICO
Notary Bond Filed with Secretary of State
My Commission Expires 5-2-89

Frances Perrin
Notary Public

Carracas Mesa 14 #1

1/4° at 125'
 1/2° at 365'
 2-1/2° at 598'
 3° at 691'
 2-3/4° at 753'
 3° at 792'
 3° at 823'
 2-3/4° at 885'
 2-1/2° at 947'
 2-1/2° at 1010'
 2-1/4° at 1136'
 1-3/4° at 1292'
 2° at 1507'
 1-3/4° at 1629'
 2-1/4° at 1908'
 2-3/4° at 2072'
 2-1/2° at 2126'
 2-1/2° at 2250'
 2-3/4° at 2378'
 2-1/2° at 2471'
 2-3/4° at 2508'
 2-3/4° at 2611'
 3-1/4° at 2767'
 4° at 2819'
 4° at 2881'
 4-1/4° at 2944'
 4-1/2° at 3015'
 4-3/4° at 3038'
 4-3/4° at 3070'
 4-3/4° at 3110'
 4-3/4° at 3135'
 4-3/4° at 3164'
 4-3/4° at 3196'
 5-1/2° at 3252'
 5-1/4° at 3287'
 5-1/2° at 3318'
 5-3/4° at 3348'
 5-3/4° at 3378'
 5-1/2° at 3442'

5° at 3462'
 6° at 3504'
 6° at 3536'
 5-3/4° at 3567'
 6° at 3628'
 6° at 3675'
 5-3/4° at 3738'
 6° at 3770'
 6° at 3864'
 5-3/4° at 3957'
 6° at 4027'
 5-1/2° at 4080'
 5-1/2° at 4152'
 5-1/2° at 4207'
 5-1/2° at 4240'
 5-3/4° at 4262'
 5-3/4° at 4325'
 6-1/2° at 4419'
 7-1/4° at 4512'
 7-1/2° at 4574'
 8° at 4697'
 8-1/4° at 4758'
 8-1/4° at 4821'
 8-1/2° at 4913'
 9° at 4977'
 9° at 5009'
 9° at 5041'
 9-1/4° at 5070'
 9-1/4° at 5100'
 9.4° at 5141'
 9.8° at 5173'
 9.4° at 5205'
 9.2° at 5237'
 9.1° at 5268'
 8.5° at 5298'
 8.2° at 5329'
 7.6° at 5361'
 7.3° at 5392'
 6.8° at 5423'
 6.1° at 5455'

RECEIVED
 JAN 13 1993
 ON COM. DIV.
 DIST. 3

Carracas Mesa 14 #1

5.5° at 5486'
 5.6° at 5518'
 5.1° at 5550'
 4.5° at 5580'
 3.7° at 5612'
 3.3° at 5644'
 2.9° at 5677'
 2.6° at 5706'
 2.2° at 5738'
 1.8° at 5770'
 1-3/4° at 5838'
 1-3/4° at 5875'
 2-3/4° at 5922'
 3-1/4° at 5954'
 3-1/2° at 5985'
 3-1/4° at 6016'
 3-1/4° at 6048'
 3-1/2° at 6078'
 3-1/2° at 6110'
 4-1/4° at 6173'
 4° at 6203'
 4-1/4° at 6235'
 4-1/4° at 6265'
 4-3/4° at 6297'
 4-3/4° at 6312'
 4° at 6328'
 4° at 6359'
 4° at 6391'
 5° at 6454'
 4° at 6485'
 5° at 6516'
 5° at 6546'
 5° at 6580'
 4° at 6611'
 5-1/4° at 6643'
 4° at 6675'
 4-1/2° at 6706'
 4-3/4° at 6735'
 4-1/2° at 6800'
 4-1/4° at 6820'

4-1/4° at 6894'
 5-1/4° at 6957'
 4-3/4° at 7020'
 4-3/4° at 7082'
 4-3/4° at 7177'
 3-3/4° at 7303'
 3-1/2° at 7461'
 3-1/2° at 7709'
 3-1/4° at 7774'
 4° at 8005'
 2-1/4° at 8194'