

Conversation Contents

2D acquisition

Walter Guidroz <wguidroz@usgs.gov>

From: Walter Guidroz <wguidroz@usgs.gov>
Sent: Tue Aug 22 2017 14:05:17 GMT-0600 (MDT)
To: "Houseknecht, David" <dhouse@usgs.gov>
Subject: 2D acquisition

Dave, who acquired the 2D seismic data in the 1980s?

"Houseknecht, David" <dhouse@usgs.gov>

From: "Houseknecht, David" <dhouse@usgs.gov>
Sent: Tue Aug 22 2017 14:06:27 GMT-0600 (MDT)
To: Walter Guidroz <wguidroz@usgs.gov>
Subject: Re: 2D acquisition

Western Geophysical, Inc., which was either acquired by - or just changed its name to WesternGeco.

On Tue, Aug 22, 2017 at 4:05 PM, Walter Guidroz <wguidroz@usgs.gov> wrote:
| Dave, who acquired the 2D seismic data in the 1980s?

--

Dave Houseknecht
U.S. Geological Survey
12201 Sunrise Valley Drive
MS 956
Reston, VA 20192
(703) 648-6466

Walter Guidroz <wguidroz@usgs.gov>

From: Walter Guidroz <wguidroz@usgs.gov>
Sent: Tue Aug 22 2017 14:07:33 GMT-0600 (MDT)
To: David Houseknecht <dhouse@usgs.gov>
Subject: RE: 2D acquisition

Thanks – was there a consortium (or a single company) that contracted them to do the work?

From: Houseknecht, David [mailto:dhouse@usgs.gov]
Sent: Tuesday, August 22, 2017 4:06 PM
To: Walter Guidroz <wguidroz@usgs.gov>
Subject: Re: 2D acquisition

Western Geophysical, Inc., which was either acquired by - or just changed its name to WesternGeco.

On Tue, Aug 22, 2017 at 4:05 PM, Walter Guidroz <wguidroz@usgs.gov> wrote:

| Dave, who acquired the 2D seismic data in the 1980s?

--

Dave Houseknecht
U.S. Geological Survey
12201 Sunrise Valley Drive
MS 956
Reston, VA 20192
(703) 648-6466

"Houseknecht, David" <dhouse@usgs.gov>

From: "Houseknecht, David" <dhouse@usgs.gov>
Sent: Tue Aug 22 2017 14:12:07 GMT-0600 (MDT)
To: Walter Guidroz <wguidroz@usgs.gov>
Subject: Re: 2D acquisition

It was a group shoot. I think there were 15 or 16 companies, which has contracted to 11 license-holding companies. I have the list of current license-holders if you're interested.

On Tue, Aug 22, 2017 at 4:07 PM, Walter Guidroz <wguidroz@usgs.gov> wrote:

| Thanks – was there a consortium (or a single company) that contracted them to do the work?

From: Houseknecht, David [mailto:dhouse@usgs.gov]
Sent: Tuesday, August 22, 2017 4:06 PM
To: Walter Guidroz <wguidroz@usgs.gov>
Subject: Re: 2D acquisition

Western Geophysical, Inc., which was either acquired by - or just changed its name to WesternGeco.

On Tue, Aug 22, 2017 at 4:05 PM, Walter Guidroz <wguidroz@usgs.gov> wrote:

| Dave, who acquired the 2D seismic data in the 1980s?

--

Dave Houseknecht
U.S. Geological Survey
12201 Sunrise Valley Drive
MS 956

Reston, VA 20192
(703) 648-6466

--
Dave Houseknecht
U.S. Geological Survey
12201 Sunrise Valley Drive
MS 956
Reston, VA 20192
(703) 648-6466

Walter Guidroz <wguidroz@usgs.gov>

From: Walter Guidroz <wguidroz@usgs.gov>
Sent: Tue Aug 22 2017 14:30:09 GMT-0600 (MDT)
To: David Houseknecht <dhouse@usgs.gov>
Subject: RE: 2D acquisition

Yes, I'd like to get the names when you get a chance.

Also (and this is where the question about consortia came from) we're working with DOI for money and permits (from FWS) for seismic acquisition and specifically '18 spend. Could you please craft a paragraph around what the 3D acquisition would entail (thinking more about what activity is involved, how does it impact the ground surface (which should be minimal given the use of vibrator technology) and what are any potential environmental impacts? Perhaps another way of putting it is what would a permit grantor want to know about any impact that a potential seismic acquisition might have on the ground and environment? Many thanks...

Walter

From: Houseknecht, David [mailto:dhouse@usgs.gov]
Sent: Tuesday, August 22, 2017 4:12 PM
To: Walter Guidroz <wguidroz@usgs.gov>
Subject: Re: 2D acquisition

It was a group shoot. I think there were 15 or 16 companies, which has contracted to 11 license-holding companies. I have the list of current license-holders if you're interested.

On Tue, Aug 22, 2017 at 4:07 PM, Walter Guidroz <wguidroz@usgs.gov> wrote:

Thanks – was there a consortium (or a single company) that contracted them to do the work?

From: Houseknecht, David [mailto:dhouse@usgs.gov]
Sent: Tuesday, August 22, 2017 4:06 PM
To: Walter Guidroz <wguidroz@usgs.gov>
Subject: Re: 2D acquisition

Western Geophysical, Inc., which was either acquired by - or just changed its name to WesternGeco.

On Tue, Aug 22, 2017 at 4:05 PM, Walter Guidroz <wguidroz@usgs.gov> wrote:

| Dave, who acquired the 2D seismic data in the 1980s?

--

Dave Houseknecht
U.S. Geological Survey
12201 Sunrise Valley Drive
MS 956
Reston, VA 20192
(703) 648-6466

--

Dave Houseknecht
U.S. Geological Survey
12201 Sunrise Valley Drive
MS 956
Reston, VA 20192
(703) 648-6466

"Houseknecht, David" <dhouse@usgs.gov>

From: "Houseknecht, David" <dhouse@usgs.gov>
Sent: Tue Aug 22 2017 14:39:53 GMT-0600 (MDT)
To: Walter Guidroz <wguidroz@usgs.gov>
Subject: Re: 2D acquisition

Let's have a chat about all this before I start writing - may be too late today, but I'll be in tomorrow.

On Tue, Aug 22, 2017 at 4:30 PM, Walter Guidroz <wguidroz@usgs.gov> wrote:

Yes, I'd like to get the names when you get a chance.

Also (and this is where the question about consortia came from) we're working with DOI for money and permits (from FWS) for seismic acquisition and specifically '18 spend. Could you please craft a paragraph around what the 3D acquisition would entail (thinking more about what activity is involved, how does it impact the ground surface (which should be minimal given the use of vibrator technology) and what are any potential environmental impacts? Perhaps another way of putting it is what would a permit grantor want to know about any impact that a potential seismic acquisition might have on the ground and environment? Many thanks...

Walter

From: Houseknecht, David [mailto:dhouse@usgs.gov]
Sent: Tuesday, August 22, 2017 4:12 PM
To: Walter Guidroz <wguidroz@usgs.gov>
Subject: Re: 2D acquisition

It was a group shoot. I think there were 15 or 16 companies, which has contracted to 11 license-holding companies. I have the list of current license-holders if you're interested.

On Tue, Aug 22, 2017 at 4:07 PM, Walter Guidroz <wguidroz@usgs.gov> wrote:

Thanks – was there a consortium (or a single company) that contracted them to do the work?

From: Houseknecht, David [mailto:dhouse@usgs.gov]

Sent: Tuesday, August 22, 2017 4:06 PM
To: Walter Guidroz <wguidroz@usgs.gov>
Subject: Re: 2D acquisition

Western Geophysical, Inc., which was either acquired by - or just changed its name to WesternGeco.

On Tue, Aug 22, 2017 at 4:05 PM, Walter Guidroz <wguidroz@usgs.gov> wrote:

| Dave, who acquired the 2D seismic data in the 1980s?

--

Dave Houseknecht
U.S. Geological Survey
12201 Sunrise Valley Drive
MS 956
Reston, VA 20192
(703) 648-6466

--

Dave Houseknecht
U.S. Geological Survey
12201 Sunrise Valley Drive
MS 956
Reston, VA 20192
(703) 648-6466

--

Dave Houseknecht
U.S. Geological Survey
12201 Sunrise Valley Drive
MS 956
Reston, VA 20192
(703) 648-6466

Walter Guidroz <wguidroz@usgs.gov>

From: Walter Guidroz <wguidroz@usgs.gov>
Sent: Tue Aug 22 2017 14:40:57 GMT-0600 (MDT)
To: David Houseknecht <dhouse@usgs.gov>
Subject: RE: 2D acquisition

OK; just let me know when you're free. I'm open tomorrow morning except 9-10. Thanks...

From: Houseknecht, David [mailto:dhouse@usgs.gov]
Sent: Tuesday, August 22, 2017 4:40 PM
To: Walter Guidroz <wguidroz@usgs.gov>
Subject: Re: 2D acquisition

Let's have a chat about all this before I start writing - may be too late today, but I'll be in tomorrow.

On Tue, Aug 22, 2017 at 4:30 PM, Walter Guidroz <wguidroz@usgs.gov> wrote:

Yes, I'd like to get the names when you get a chance.

Also (and this is where the question about consortia came from) we're working with DOI for money and permits (from FWS) for seismic acquisition and specifically '18 spend. Could you please craft a paragraph around what the 3D acquisition would entail (thinking more about what activity is involved, how does it impact the ground surface (which should be minimal given the use of vibrator technology) and what are any potential environmental impacts? Perhaps another way of putting it is what would a permit grantor want to know about any impact that a potential seismic acquisition might have on the ground and environment? Many thanks...

Walter

From: Houseknecht, David [mailto:dhouse@usgs.gov]
Sent: Tuesday, August 22, 2017 4:12 PM
To: Walter Guidroz <wguidroz@usgs.gov>
Subject: Re: 2D acquisition

It was a group shoot. I think there were 15 or 16 companies, which has contracted to 11 license-holding companies. I have the list of current license-holders if you're interested.

On Tue, Aug 22, 2017 at 4:07 PM, Walter Guidroz <wguidroz@usgs.gov> wrote:

Thanks – was there a consortium (or a single company) that contracted them to do the work?

From: Houseknecht, David [mailto:dhouse@usgs.gov]
Sent: Tuesday, August 22, 2017 4:06 PM
To: Walter Guidroz <wguidroz@usgs.gov>
Subject: Re: 2D acquisition

Western Geophysical, Inc., which was either acquired by - or just changed its name to WesternGeco.

On Tue, Aug 22, 2017 at 4:05 PM, Walter Guidroz <wguidroz@usgs.gov> wrote:

| Dave, who acquired the 2D seismic data in the 1980s?

--

Dave Houseknecht
U.S. Geological Survey
12201 Sunrise Valley Drive
MS 956
Reston, VA 20192
(703) 648-6466

--

Dave Houseknecht
U.S. Geological Survey
12201 Sunrise Valley Drive
MS 956
Reston, VA 20192
(703) 648-6466

--

Dave Houseknecht
U.S. Geological Survey
12201 Sunrise Valley Drive
MS 956
Reston, VA 20192
(703) 648-6466