

Brooks, David K., EMNRD

From: Michael Feldewert [MFeldewert@hollandhart.com]
Sent: Friday, September 30, 2011 10:11 AM
To: Brooks, David K., EMNRD
Cc: Doug_Hurlbut@eogresources.com
Subject: Case No. 14731; Application of EOG Resources, Inc. for Approval of Additional Horizontal Wells in the Potash Area
Attachments: EOG Parkway 23 Affidavit of Steve Munsell.pdf

Mr. Brooks: Attached please find the affidavit and drilling plans you requested for the record. Please let me know if you need anything further. Thanks and have a good weekend.

Michael H. Feldewert
Santa Fe Office
505-988-4421
505-983-6043 (fax)
mfeldewert@hollandhart.com



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From: Brooks, David K., EMNRD [<mailto:david.brooks@state.nm.us>]
Sent: Tuesday, September 27, 2011 1:52 PM
To: Michael Feldewert
Subject: RE: Case No. 14731; Application of EOG Resources, Inc. for Approval of Additional Horizontal Wells in the Potash Area

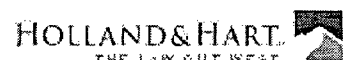
Thanks. Please send this info for the record.

David Brooks

From: Michael Feldewert [<mailto:MFeldewert@hollandhart.com>]
Sent: Tuesday, September 27, 2011 12:23 PM
To: Brooks, David K., EMNRD
Cc: Doug_Hurlbut@eogresources.com
Subject: Case No. 14731; Application of EOG Resources, Inc. for Approval of Additional Horizontal Wells in the Potash Area

David: The penetration of the potash will only occur at the surface location. I can send a drilling plan and an affidavit to that affect later this week.

Michael H. Feldewert
Santa Fe Office
505-988-4421
505-983-6043 (fax)
mfeldewert@hollandhart.com



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From: Brooks, David K., EMNRD [<mailto:david.brooks@state.nm.us>]

Sent: Monday, September 26, 2011 11:58 AM

To: Michael Feldewert

Subject: Case No. 14731; Application of EOG Resources, Inc. for Approval of Additional Horizontal Wells in the Potash Area

Dear Mike

The drilling plans for the proposed new horizontal wells were not placed in evidence in this case. Without this information, we cannot tell where these proposed wells will penetrate the potash.

I am accordingly requesting that you furnish copies of these drilling plans, together with an affidavit from an engineer indicating if the intended deviation of the wells from the vertical will affect the potash, or if penetration of the potash is expected to occur only at the surface location.

Thanks

David K. Brooks
Legal examiner

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

APPLICATION OF EOG RESOURCES, INC. FOR
APPROVAL OF ADDITIONAL HORIZONTAL WELLS
IN THE BONES SPRING FORMATION WITHIN
THE POTASH AREA, EDDY COUNTY, NEW MEXICO.

CASE NO. 14731

AFFIDAVIT

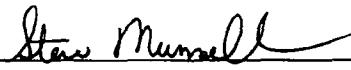
STATE OF TEXAS)
) ss.
COUNTY OF MIDLAND)

Steve Munsell, of lawful age and being first duly sworn, declares and states as follows:

1. My name is Steve Munsell. I am a drilling engineer employed by EOG Resources, Inc., and based in its Midland, Texas, office. I make this affidavit based on my personal knowledge.

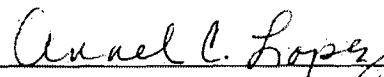
2. Penetration of the potash by the Parkway 23 State Com Well No. 5H, Parkway 23 State Com Well No. 6H, and the Parkway 23 State Com Well No. 7H, occurs only at the surface location of each well, as demonstrated by the drilling plans, attached as Exhibit A.

FURTHER AFFIANT SAYETH NAUGHT.



Steve Munsell

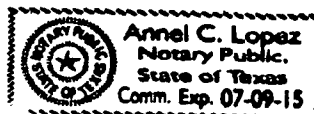
SUBSCRIBED AND SWORN TO before me this 29 day of September 2011.



Notary Public

My Commission Expires:

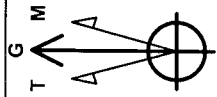
07-09-2015



EOG RESOURCES, INC. PARKWAY 23
STATE COM WELL 5-H



A Schlumberger Company



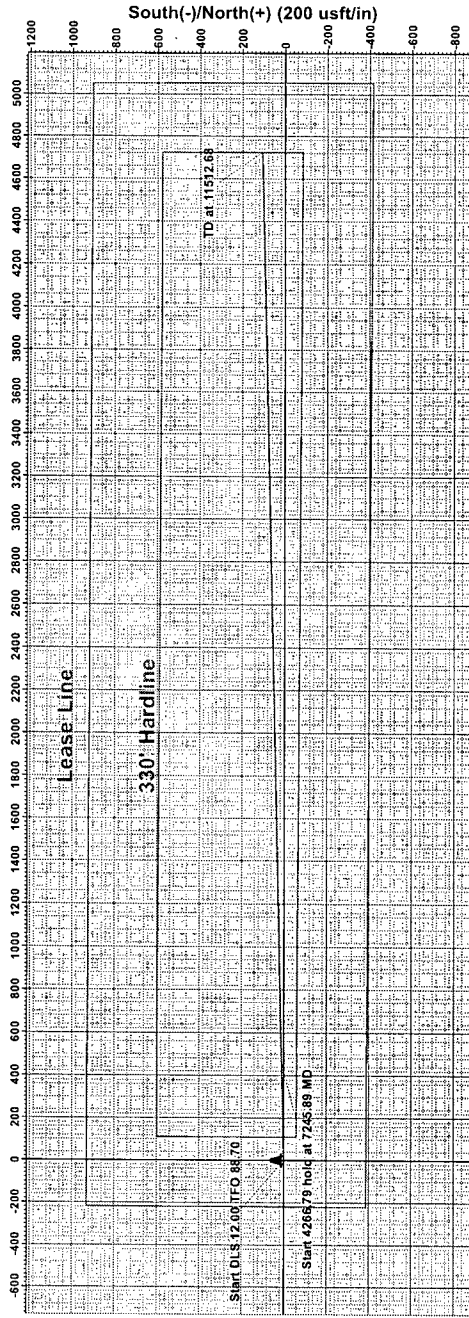
Azimuths to Grid North
True North: 0.15°
Magnetic North: 7.67°
Magnetic Field
Strength: 48853.2snT
Dip Angle: 60.52°
Date: 6/30/2011
Model: IGRF200510

Project: Eddy County
Site: Parkway 23 State Com
Well: #5H
Wellbore: OH
Plan: Plan #1 (#5H/OH)



PROJECT DETAILS: Eddy County
Geodetic System: US State Plane 1927 (Exact solution)
Datum: NAD 1927 (NADCON CONUS)
Ellipsoid: Clarke 1866
Zone: New Mexico East 3001
System Datum: Mean Sea Level
Local North: Grid

West(-)/East(+) (200 usft/in)



WELL DETAILS: #5H

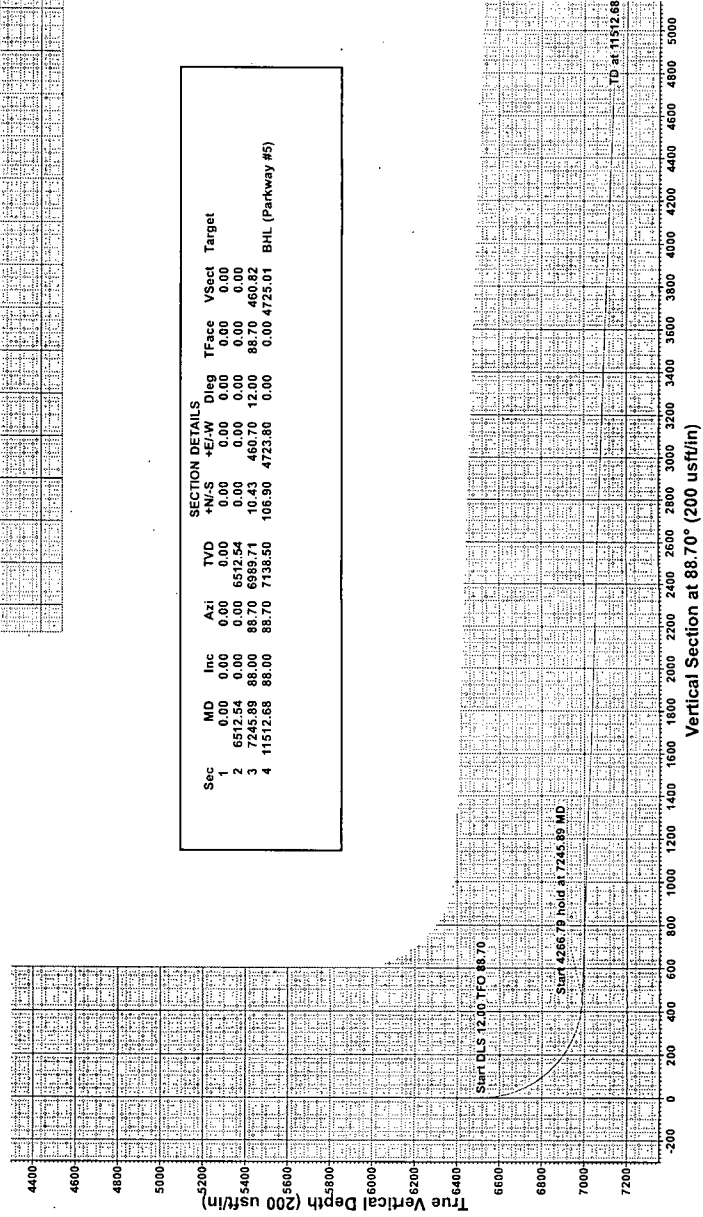
Ground Elevation: 3316.60
RKB Elevation: 3078.30 @ 3340.60usft (Original Well Elev)
Rig Name: Original Well Elev

	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
	0.00	0.00	600568.900	586330.100	32° 39' 2.708 N	104° 3' 10.245 W	

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
BHL (Parkway #5)	7138.50	106.90	4723.80	600675.800	591053.900	Point

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VFace	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	6512.54	0.00	0.00	6512.54	0.00	0.00	0.00	0.00	0.00	
3	7245.89	88.00	88.70	6989.71	10.43	460.70	12.00	88.70	460.82	
4	11512.68	88.00	88.70	7138.50	106.90	4723.80	0.00	0.00	4725.01	BHL (Parkway #5)



Plan: Plan #1 (#5H/OH)

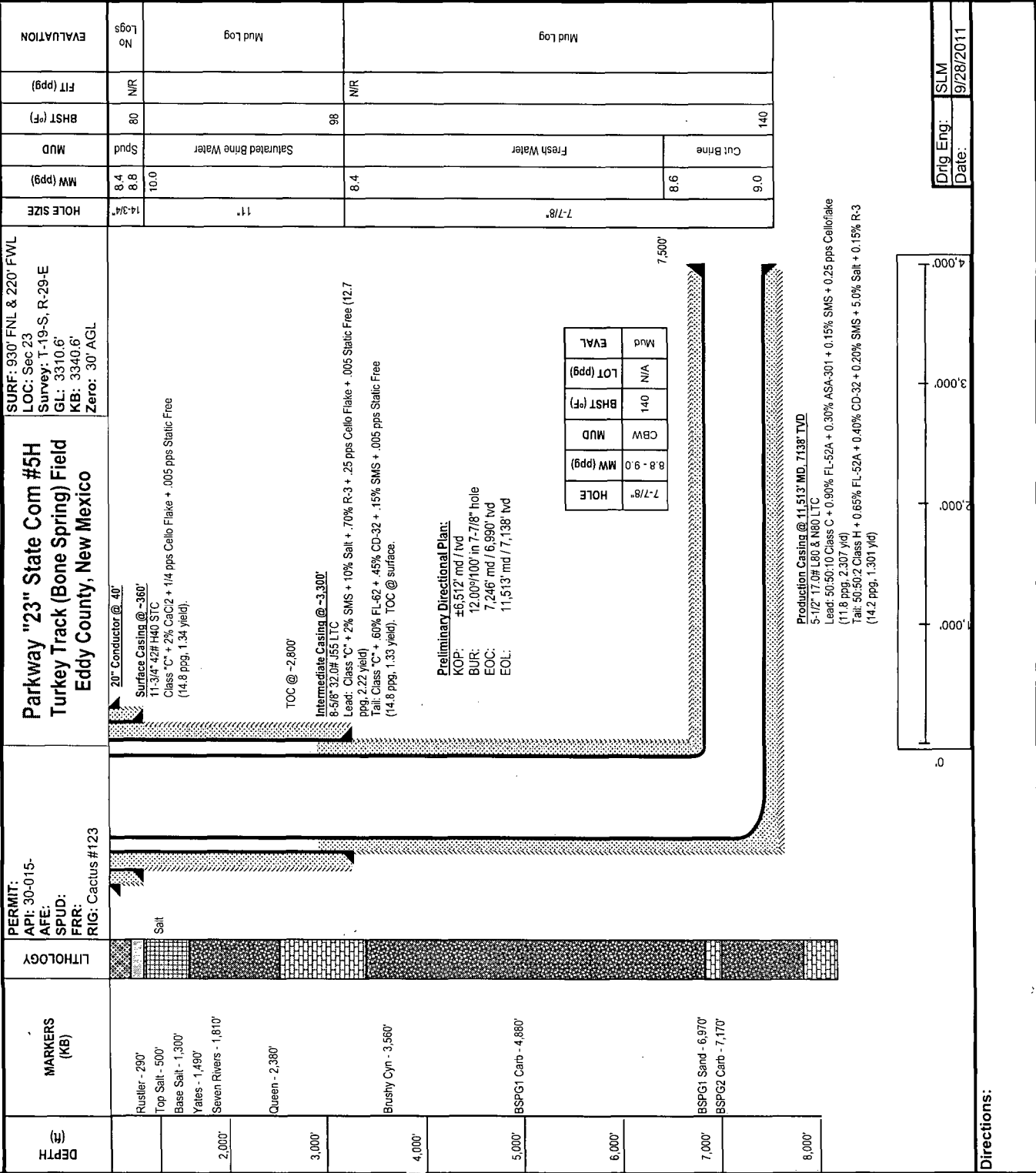
Created By: Nate Bingham Date: 10/31, July 01 2011

Checked: Date:



Geog resources

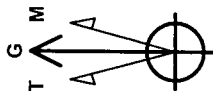
PROPOSED WELLBORE



EOG RESOURCES, INC. PARKWAY 23
STATE COM WELL 6-H

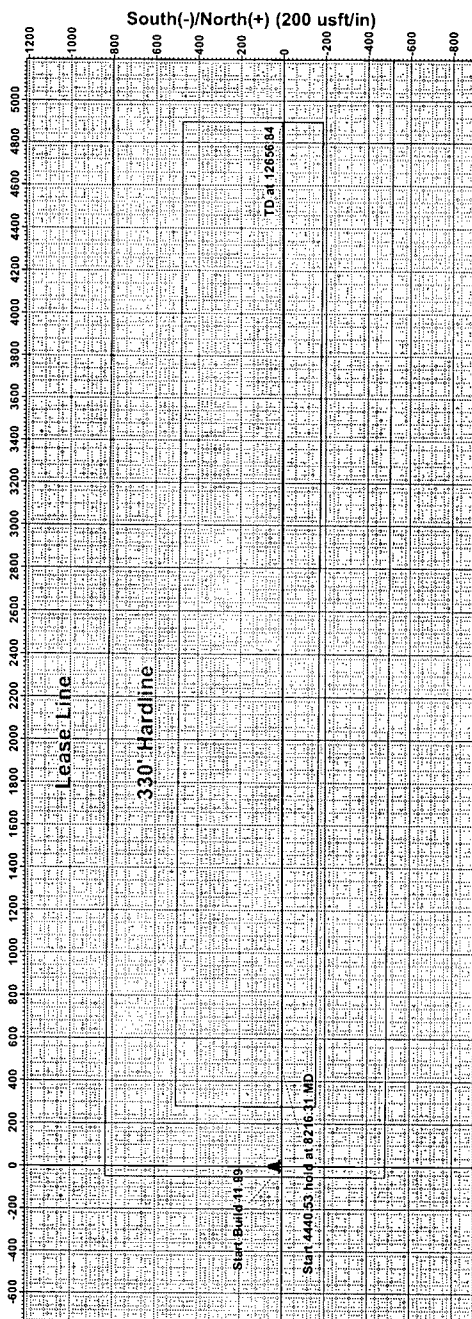
Project: Eddy County
 Site: Parkway 23 State Com
 Well: #6H
 Wellbore: OH
 Plan: Plan #1 (#6H/OH)

Azinuths to Grid North
 True North: -0.15°
 Magnetic North: 7.67°
 Magnetic Field
 Strength: 48851.1snT
 Dip Angle: 60.52°
 Date: 6/30/2011
 Model: IGRF200510



PROJECT DETAILS: Eddy County
 Geodetic System: US State Plane 1927 (Exact solution)
 Datum: NAD 1927 (NADCON CONUS)
 Ellipsoid: Clarke 1866
 Zone: New Mexico East 3001
 System Datum: Mean Sea Level
 Local North: Grid

West(-)/East(+) (200 usft/in)



WELL DETAILS: #6H

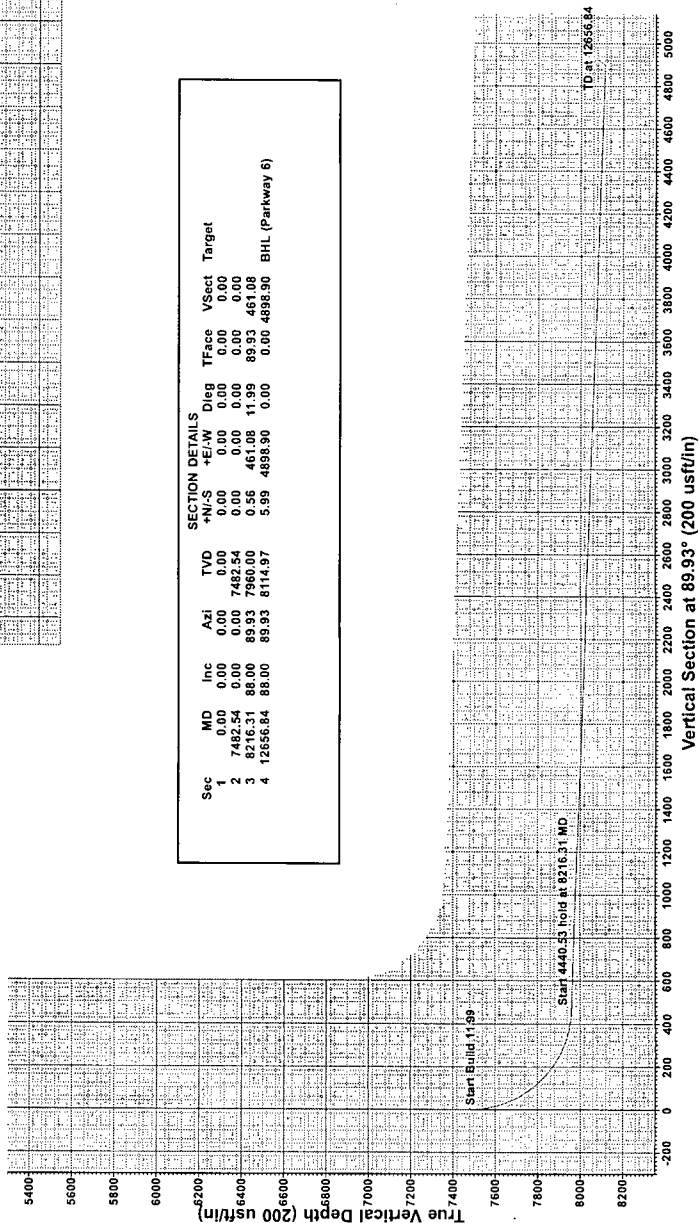
Ground Elevation: 3310.10			
RKB Elevation: KB-30' @ 3340.10usft (Original Well Elev)			
Rig Name: Original Well Elev			
+N/-S	+E/-W	Northing	Eastings
0.00	0.00	599349.700	586157.500
		Latitude	Longitude
		32° 38' 50.648 N	104° 3' 12.301 W
		Slot	

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northing	Eastings	Shape
BHL (Parkway 6)	8114.97	6.20	4898.90	599355.900	591056.400	Point

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	V'Sect	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	7482.54	0.00	0.00	7482.54	0.00	0.00	0.00	0.00	0.00	
3	8216.31	88.00	89.93	7960.00	0.56	461.08	11.99	89.93	461.08	
4	12556.84	88.00	89.93	8114.97	5.99	4898.90	0.00	0.00	4898.90	BHL (Parkway 6)



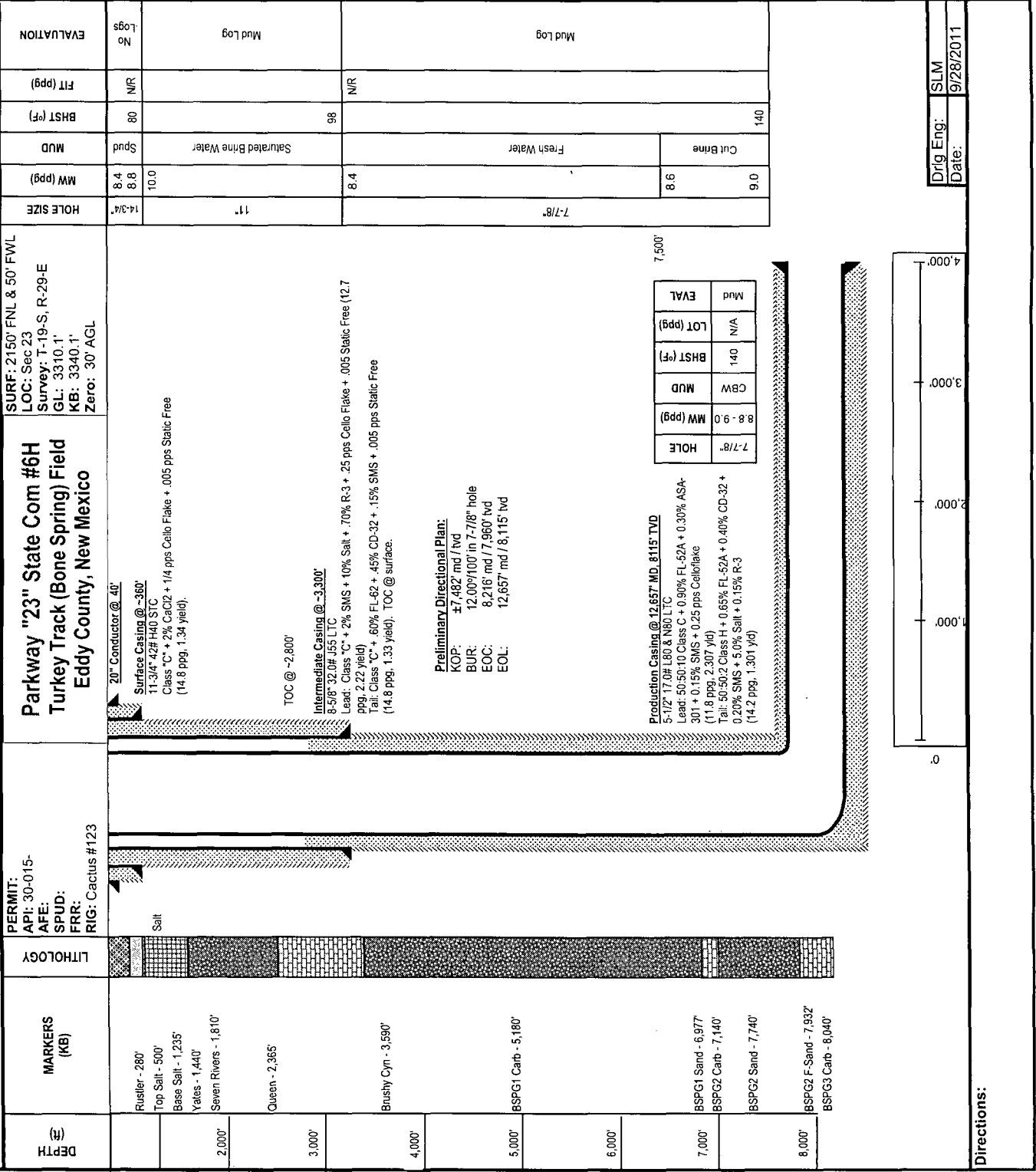
Plan: Plan #1 (#6H/OH)

Created By: Nate Bingham Date: 12/26, July 01 2011

Checked: _____ Date: _____



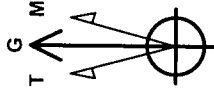
PROPOSED WELLBORE



EOG RESOURCES, INC. PARKWAY 23
STATE COM WELL 7-H



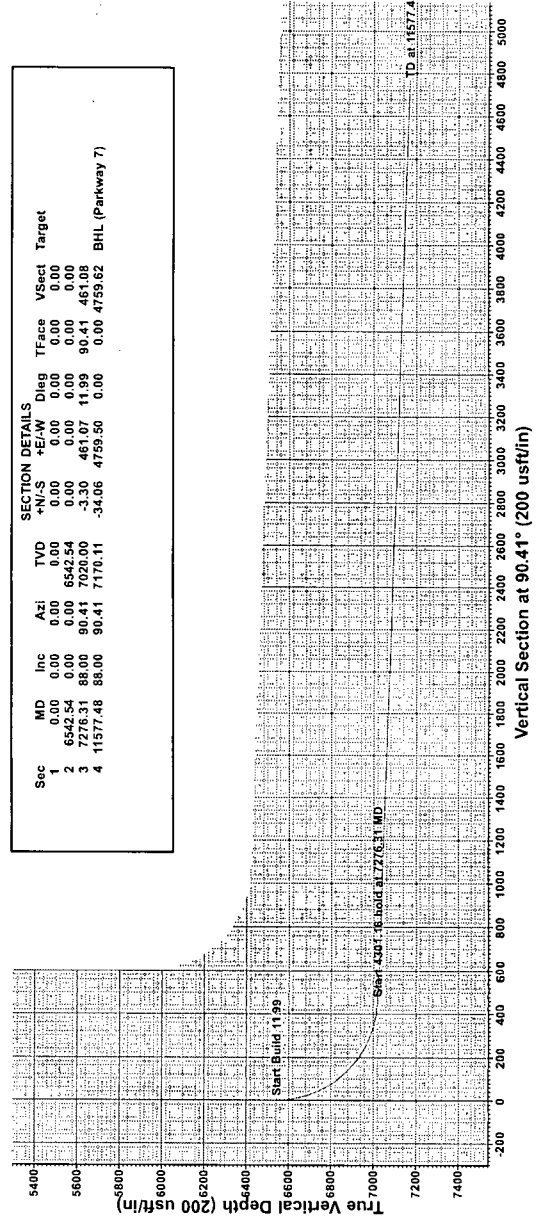
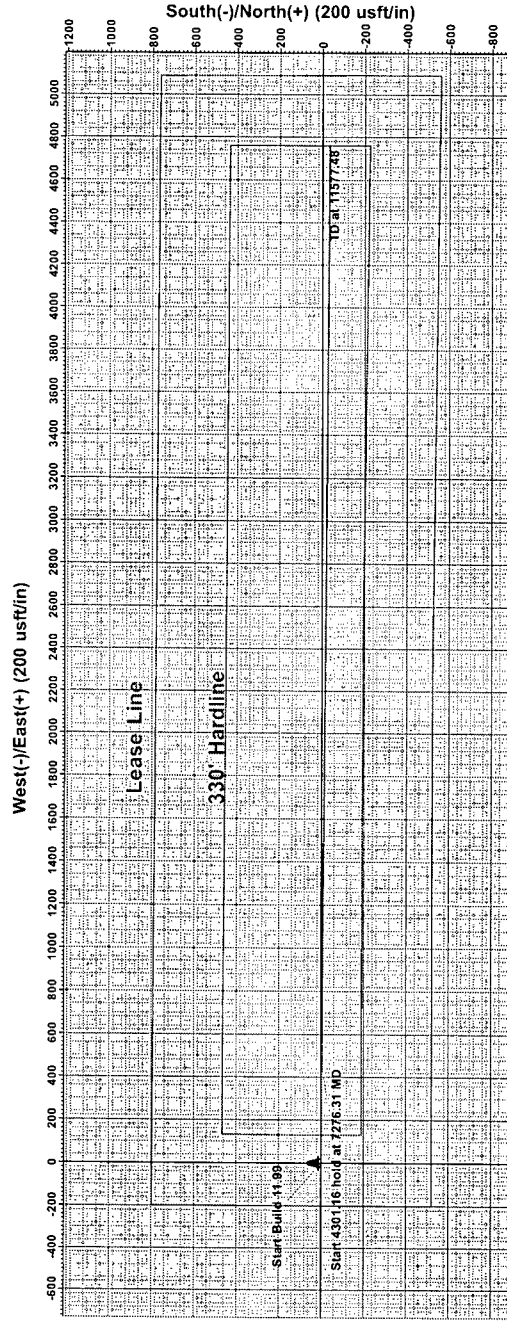
Project: Eddy County
Site: Parkway 23 State Com
Well: #7H
Wellbore: OH
Plan: Plan #1 (#7H/OH)



Azimuths to Grid North
True North: -0.15°
Magnetic North: 7.67°
Magnetic Field
Strength: 48847.1nT
Dip Angle: 60.51°
Date: 6/30/2011
Model: IGRF200510

PATHFINDER
A Schlumberger Company

PROJECT DETAILS: Eddy County
Geodetic System: US State Plane 1927 (Exact solution)
Datum: NAD 1927 (NADCON CONUS)
Ellipsoid: Clarke 1866
Zone: New Mexico East 3001
System Datum: Mean Sea Level
Local North: Grid



Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Deg	TFace	Vsect	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	6542.54	0.00	0.00	6542.54	0.00	0.00	0.00	0.00	0.00	0.00
3	7276.31	88.00	90.41	7020.00	-3.30	461.07	11.99	90.41	461.08	0.00
4	11577.48	85.00	90.41	7170.11	-34.06	4759.30	0.00	0.00	4759.62	BHL (Parkway 7)

WELL DETAILS: #7H

Ground Elevation:: 3279.50		KB-30 @ 3399.50usft (Original Well Elev)		Rig Name: Original Well Elev	
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
					Slot

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
BHL (Parkway 7)	0.00	-33.80	4759.50	596713.700	591061.500	Point

Plan: Plan #1 (#7H/OH)

Created By: Nasa Bingham Date: 12/30, July 01 2011

Checked: _____ Date: _____



PROPOSED WELLBORE

