



NABORS DRILLING TECHNOLOGIES USA, INC.
515 West Greens Road
Houston, TX 77067
Phone: 281.874.0035
Fax: 281.872.5205

Tuesday, January 24, 2017

State of New Mexico
County of Lea County

HOBBS OCD

FEB 06 2018

RECEIVED

Subject: **Survey Certification Letter**

Survey Company: **NABORS DRILLING TECH USA, INC.**
Job Number: **B0166**
Survey Job Type: **Nabors MWD**
Customer: **Nemo Fund 1, LLC**
Well Name: **Moe 35 SA Unit 104H**
Rig Name: **Capstar 133**

Surface: **N: 872,762.1, E: 839,087.3**
A.P.I. No: **30-025-43499** ✓
Location: **Lea County, New Mexico**
RKB Height: **13'**
Distance to Bit: **58'**

Surveyor Name	Surveyor Title	Borehole Number	Start Depth	End Depth	Start Date	End Date	Type of	TD Straight
								Line Projection
Jake Creech	MWD Supervisor	OH	167'	9859'	01/12/17	01/24/17	MWD	9917'

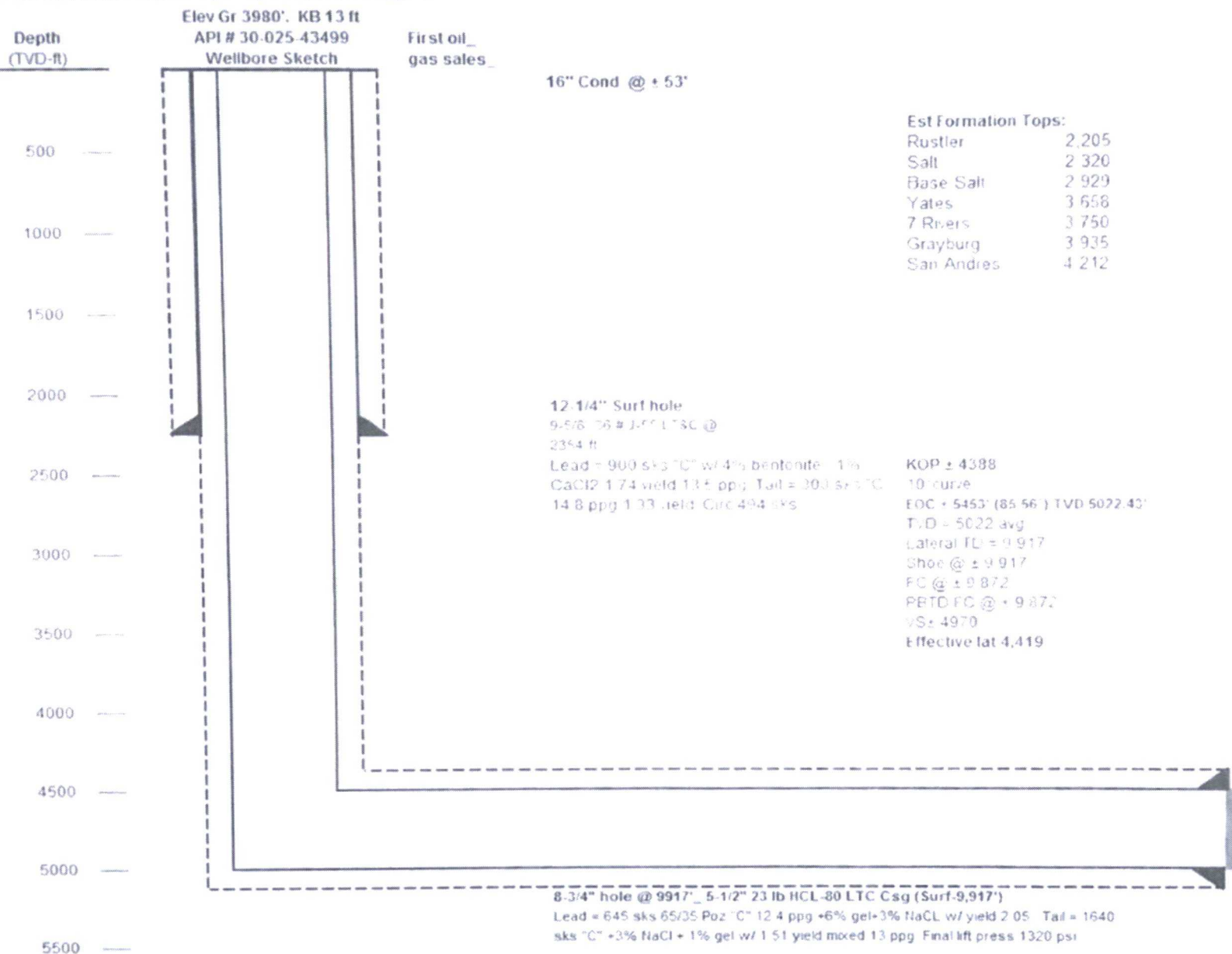
The data and calculations for this survey have been checked by me and conform to the calibration standards and operational procedures set forth by NABORS DRILLING TECHNOLOGIES USA, INC. I am authorized and qualified to review the data, calculations and these reports; the reports represents true and correct Directional Surveys of this well based on the original data, the minimum curvature method, corrected to Grid North and obtained at the well site.

Jake Creech
MWD Supervisor
NABORS DRILLING TECHNOLOGIES USA, INC.

Moe 35 SA Unit 1-04H

Location: 10' FNL & 1310 FEL, Sec 35, T10S, R36E, Lea County, NM.

BHL= 341 FSL & 659 FEL, Sec 35, T10S, R36E, Lea County, NM



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WELL DETAILS: Unit 104H

Ground Elevation: 3980.00
RKB Elevation: RT @ 3993.00ft (Capstar 133)
Rig Name: Capstar 133
Wellbore: Wellbore #1
Plan: Surveys

Northing	Easting	Latitude	Longitude
878762.100	839087.300	33° 24' 38.66782 N	103° 13' 19.78945 W

SECTION DETAILS

No plan data is available



Azimuths to Grid North
True North: -0.81°
Magnetic North: 6.16°

Magnetic Field
Strength: 48732.3nT
Dip Angle: 61.15°
Date: 1/10/2017
Model: HDGM

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

No target data is available.

ANNOTATIONS

No annotation data is available.

