



PHOENIX
TECHNOLOGY SERVICES

August 8, 2017

Oil Conservation Division
State of New Mexico
811 S. First St.
Artesia, New Mexico 88210

Dear District 2 - Artesia

Re: EOG Resources
Hoffman PL #1
Eddy Co., NM
API #30-015-23664
Job No. 61621

NM OIL CONSERVATION
ARTESIA DISTRICT

AUG 17 2017

RECEIVED

Enclosed please find the Survey Data Certification, and the original Plat and one copy of the Survey Report performed on the above referenced Well by Phoenix Technology Services, Inc. (P-5 No. 606018). Other information required by your office is as follows:

Name & Title of Surveyor	Drainhole Number	Surveyed Depths		Dates Performed		Type of Survey
		From	To	Start	End	
Noe Garza	1	0	1,500	8/7/17	8/7/17	Gyro

A certified plat on which the bottom hole location is oriented both to the surface location and to the lease lines (or unit lines in case of pooling) is attached to the survey report. If any other information is required, please contact the undersigned at the letterhead address and phone number.

Best Regards,

Brittany Carley

Brittany Carley
Operations Administrator

SURVEY CERTIFICATION FORM

3610 Elkins Road Midland, TX 79705 t:432-684-0057 f: 432-686-7964



PHOENIX
TECHNOLOGY SERVICES

Company: EOG

Job #: 61621

Well Name: Hoffman PL # 1

County/State: Eddy Co., New Mexico

Survey Instrument Type: North Seek Rate Gyro

API # 30-015-23664

TIE-IN DATA

Measure Depth (ft)	Vertical Depth (ft)	Inclination (°)	Azimuth (°)	N-S Coordinates	E-W Coordinates	Data Source
0	0	0	0	0	0	Surface

First Survey

Date	Depth (ft)	Inclination (°)	Azimuth (°)
2017-08-07	0	0	0

Last Survey

Date	Depth (ft)	Inclination (°)	Azimuth (°)
2017-08-07	1500	1.48	248.21

Projected TD Survey

Date	Depth (ft)	Inclination (°)	Azimuth (°)
0	0	0	0

Grid Correction
0.02

Gyro Operator: Phoenix Technology Services USA Ltd.

Gyro Supervisor: Angel Guebara

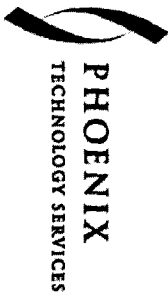
To the best of my knowledge I certify this survey data to be correct and true

Date:

08-01-17

Print Name: Noe Garza

Signature:



Company: EOG
Well: Hoffman PL # 1
Location: Eddy Co., New Mexico
Rig: Pulling Unit

Job Number: 61621
Grid Corr.: 0.02
Lat: 32.587590
Long: -104.548100
Grid Ref: NAD 83

Date: 08-07-17
Calculation Method: Minimum Curvature
Proposed Azimuth: Ground
RKB - MSL in feet: Surface
Tie Info: Surface

Survey Tool Type	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates		Closure		Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')		
							N/S (ft)	E/W (ft)	Distance (ft)	Angle (deg)					
Enter Tie-In Survey on Line 10															
TIE IN	0			0	0	0	0								
Gyro	100.00	0.07	73.81	100	100.00	0.02	0.02 N		0.06 E		0.06	73.81	0.07	0.07	73.81
	200.00	0.22	285.55	100	200.00	0.09	0.09 N		0.07 W		0.11	321.67	0.28	0.15	211.74
	300.00	0.83	221.81	100	300.00	-0.40	0.40 S		0.74 W		0.84	241.29	0.76	0.61	-63.74
	400.00	0.93	222.70	100	399.98	-1.54	1.54 S		1.77 W		2.34	228.97	0.10	0.10	0.89
	500.00	0.82	205.98	100	499.97	-2.78	2.78 S		2.63 W		3.83	223.45	0.28	-0.11	-16.72
	600.00	0.86	209.35	100	599.96	-4.08	4.08 S		3.31 W		5.25	219.11	0.06	0.04	3.37
	700.00	0.67	221.24	100	699.95	-5.17	5.17 S		4.07 W		6.58	218.19	0.25	-0.19	11.89
	800.00	0.91	233.85	100	799.94	-6.08	6.08 S		5.09 W		7.93	219.96	0.29	0.24	12.61
	900.00	0.98	237.06	100	899.93	-7.01	7.01 S		6.45 W		9.53	222.62	0.09	0.07	3.21
	1000.00	0.90	235.60	100	999.92	-7.92	7.92 S		7.82 W		11.13	224.63	0.08	-0.08	-1.46
	1100.00	0.83	225.11	100	1099.90	-8.88	8.88 S		8.98 W		12.63	225.33	0.17	-0.07	-10.49
	1200.00	0.78	249.48	100	1199.89	-9.62	9.62 S		10.13 W		13.97	226.46	0.34	-0.05	24.37
	1300.00	0.97	250.94	100	1299.88	-10.14	10.14 S		11.57 W		15.38	228.76	0.19	0.19	1.46
	1400.00	1.20	257.08	100	1399.87	-10.65	10.65 S		13.39 W		17.11	231.50	0.26	0.23	6.14
	1500.00	1.48	248.21	100	1499.84	-11.36	11.36 S		15.61 W		19.31	233.94	0.35	0.28	-8.87

NM OIL CONSERVATION
ARTESIA DISTRICT

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

AUG 17 2017

RECEIVED

Form C-102
Revised February 10, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-015-23664		2 Pool Code		3 Pool Name Undesignated San Andres	
4 Property Code 012372		5 Property Name Hoffman PL			6 Well Number 1
7 OGRID No. 025575		8 Operator Name Yates Petroleum Corporation			9 Elevation 3336' GR

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	27	18S	26E		2310	North	990	West	Eddy

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
12 Dedicated Acres 40		13 Joint or Infill		14 Consolidation Code		15 Order No.			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16	17 OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</i> <i>Rusty Klein</i> Signature Rusty Klein Printed Name Production Clerk Title July 25, 1995 Date			
	18 SURVEYOR CERTIFICATION <i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i> REFER TO ORIGINAL PLAT Date of Survey Signature and Seal of Professional Surveyor:			
	Certificate Number			