



PHOENIX
TECHNOLOGY SERVICES

May 4, 2018

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

Dear District 2 - Artesia

Re: EOG Resources
Mobile CI Fed #11
Eddy Co., New Mexico
API #30-015-23335
Job No. 62764

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	11	0	4,900	5/1/18	5/1/18	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,

RECEIVED

Brittany Carley

MAY 14 2018

Brittany Carley
Operations Administrator

DISTRICT II-ARTESIA O.C.D.

SURVEY CERTIFICATION FORM

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



PHOENIX
TECHNOLOGY SERVICES

Company: EOG

Job #: 62764

Well Name: Mobile CI Fed # 11

County/State: Eddy Co., New Mexico

Survey Instrument Type: North Seek Rate Gyro

API # 30-015-23335

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 (°)
2018-05-01	0	0	0

Last Survey

Date	Depth (ft)	Inclination (°)	Azimuth (°)
2018-05-01	4900	1.07	186.02

Projected TD Survey

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

Grid Correction
0.11

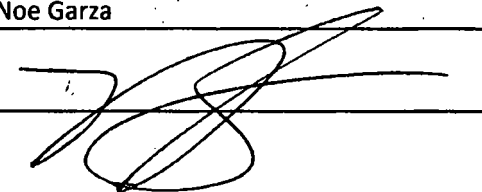
Gyro Operator: Phoenix Technology Services USA Ltd.

Gyro Supervisor: Angel Guebara

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

Date: 6-5-2018

Print Name: Noe Garza

Signature: 



Company: EOG
 Well: Mobile CI Fed # 11
 Location: Eddy Co., New Mexico
 Rig: Pulling Unit

Job Number: 62764
 Grid Corr.: 0.11
 Lat: 32.688564
 Long: -104.529793
 Grid Ref: NAD 83

Date: 05-01-18
 Calculation Method: Minimum Curvature
 Proposed Azimuth:
 RKB - MSL in feet: Ground
 Tie Into: 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													
FIELD COPY, NON-DEFINITIVE													
TIE IN	0			0	0	0	0	0					
Gyro	100.00	0.47	12.23	100	100.00	0.40	0.40 N	0.09 E	0.41	12.23	0.47	0.47	12.23
	200.00	0.04	341.60	100	200.00	0.83	0.83 N	0.16 E	0.85	11.03	0.44	-0.43	329.37
	300.00	0.21	251.62	100	300.00	0.81	0.81 N	0.02 W	0.81	358.43	0.21	0.17	-89.98
	400.00	0.18	348.31	100	400.00	0.91	0.91 N	0.23 W	0.93	345.88	0.29	-0.03	96.69
	500.00	0.78	191.77	100	499.99	0.39	0.39 N	0.40 W	0.56	314.64	0.95	0.60	-156.54
	600.00	0.60	199.45	100	599.99	-0.77	0.77 S	0.71 W	1.05	222.88	0.20	-0.18	7.68
	700.00	0.82	222.54	100	699.98	-1.79	1.79 S	1.37 W	2.25	217.47	0.36	0.22	23.09
	800.00	0.78	200.06	100	799.97	-2.95	2.95 S	2.09 W	3.62	215.24	0.31	-0.04	-22.48
	900.00	0.86	172.98	100	899.96	-4.34	4.34 S	2.23 W	4.88	207.19	0.39	0.08	-27.08
	1000.00	0.98	174.92	100	999.95	-5.93	5.93 S	2.06 W	6.28	199.16	0.12	0.12	1.94
	1100.00	1.09	175.44	100	1099.93	-7.73	7.73 S	1.91 W	7.97	193.87	0.11	0.11	0.52
	1200.00	1.13	177.74	100	1199.91	-9.67	9.67 S	1.80 W	9.83	190.52	0.06	0.04	2.30
	1300.00	1.30	184.49	100	1299.89	-11.78	11.78 S	1.85 W	11.93	188.90	0.22	0.17	6.75
	1400.00	1.15	183.03	100	1399.87	-13.92	13.92 S	1.99 W	14.06	188.13	0.15	-0.15	-1.46
	1500.00	1.19	179.30	100	1499.85	-15.96	15.96 S	2.03 W	16.09	187.24	0.09	0.04	-3.73
	1600.00	1.15	186.15	100	1599.82	-17.99	17.99 S	2.12 W	18.12	186.73	0.15	-0.04	6.85
	1700.00	1.14	177.43	100	1699.80	-19.99	19.99 S	2.19 W	20.10	186.24	0.17	-0.01	-8.72
	1800.00	1.22	180.62	100	1799.78	-22.04	22.04 S	2.15 W	22.15	185.58	0.10	0.08	3.19
	1900.00	1.08	172.58	100	1899.76	-24.04	24.04 S	2.04 W	24.13	184.86	0.21	-0.14	-8.04
	2000.00	1.07	185.16	100	1999.75	-25.91	25.91 S	2.00 W	25.98	184.42	0.24	-0.01	12.58
	2100.00	1.13	182.72	100	2099.73	-27.82	27.82 S	2.14 W	27.90	184.39	0.08	0.06	-2.44
	2200.00	1.02	181.52	100	2199.71	-29.70	29.70 S	2.21 W	29.78	184.25	0.11	-0.11	-1.20
	2300.00	1.08	194.64	100	2299.69	-31.50	31.50 S	2.47 W	31.59	184.48	0.25	0.06	13.12
	2400.00	1.20	191.08	100	2399.67	-33.44	33.44 S	2.91 W	33.56	184.97	0.14	0.12	-3.56
	2500.00	1.12	190.15	100	2499.65	-35.43	35.43 S	3.28 W	35.58	185.29	0.08	-0.08	-0.93
	2600.00	1.10	193.01	100	2599.63	-37.32	37.32 S	3.67 W	37.50	185.61	0.06	-0.02	2.86
	2700.00	1.20	190.31	100	2699.61	-39.29	39.29 S	4.07 W	39.50	185.92	0.11	0.10	-2.70
	2800.00	1.24	197.36	100	2799.59	-41.35	41.35 S	4.58 W	41.61	186.32	0.16	0.04	7.05



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 Well: Mobile CI Fed # 11
 Location: Eddy Co., New Mexico
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							N/S (ft)	E/W (ft)	Distance (ft)	Angle (deg)			
	2900.00	1.31	186.95	100	2899.57	-43.52	43.52 S	5.04 W	43.81	186.61	0.24	0.07	-10.41
	3000.00	1.20	189.14	100	2999.54	-45.69	45.69 S	5.35 W	46.00	186.68	0.12	-0.11	2.19
	3100.00	1.24	183.45	100	3099.52	-47.80	47.80 S	5.58 W	48.13	186.66	0.13	0.04	-5.69
	3200.00	1.19	188.41	100	3199.50	-49.91	49.91 S	5.80 W	50.25	186.62	0.12	-0.05	4.96
	3300.00	1.41	196.79	100	3299.47	-52.12	52.12 S	6.30 W	52.49	186.90	0.29	0.22	8.38
	3400.00	1.10	192.60	100	3399.45	-54.23	54.23 S	6.87 W	54.66	187.22	0.32	-0.31	-4.19
	3500.00	1.14	197.09	100	3499.43	-56.12	56.12 S	7.37 W	56.60	187.48	0.10	0.04	4.49
	3600.00	1.44	198.25	100	3599.40	-58.26	58.26 S	8.06 W	58.82	187.87	0.30	0.30	1.16
	3700.00	1.46	192.10	100	3699.37	-60.70	60.70 S	8.72 W	61.32	188.17	0.16	0.02	-6.15
	3800.00	1.30	192.43	100	3799.34	-63.05	63.05 S	9.23 W	63.73	188.33	0.16	-0.16	0.33
	3900.00	1.55	194.04	100	3899.31	-65.47	65.47 S	9.80 W	66.20	188.51	0.25	0.25	1.61
	4000.00	1.41	186.26	100	3999.28	-68.01	68.01 S	10.26 W	68.78	188.58	0.24	-0.14	-7.78
	4100.00	1.48	182.59	100	4099.25	-70.52	70.52 S	10.46 W	71.29	188.43	0.12	0.07	-3.67
	4200.00	1.48	175.00	100	4199.21	-73.10	73.10 S	10.40 W	73.83	188.10	0.20	0.00	-7.59
	4300.00	1.58	170.67	100	4299.18	-75.75	75.75 S	10.06 W	76.41	187.57	0.15	0.10	-4.33
	4400.00	1.43	177.23	100	4399.14	-78.35	78.35 S	9.78 W	78.96	187.12	0.23	-0.15	6.56
	4500.00	1.32	172.11	100	4499.11	-80.74	80.74 S	9.56 W	81.30	186.75	0.16	-0.11	-5.12
	4600.00	1.50	171.44	100	4599.08	-83.17	83.17 S	9.21 W	83.68	186.32	0.18	0.18	-0.67
	4700.00	1.26	181.56	100	4699.05	-85.57	85.57 S	9.04 W	86.04	186.03	0.34	-0.24	10.12
	4800.00	1.06	178.11	100	4799.03	-87.59	87.59 S	9.04 W	88.06	185.90	0.21	-0.20	-3.45
	4900.00	1.07	186.02	100	4899.02	-89.44	89.44 S	9.11 W	89.91	185.82	0.15	0.01	7.91

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

MAY 14 2018

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section. DISTRICT II-ARTESIA O.C.D.

Operator Yates Petroleum Corporation			Lease Mobil CI Federal		Well No. 11
Unit Letter L	Section 6	Township 19 South	Range 25 East	County Eddy	
Actual Footage Location of Well: -1980-2030 feet from the South line and 990 feet from the West line					
Ground Level Elev. 3648.1	Producing Formation MORROW	Pool UNDER PENASCO DRAW MORROW		Dedicated Acreage: 320 328.06 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

RECEIVED

MAY 13 1980

U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICOLOCATION MOVED 50' NORTH
TO MAKE ROOM FOR LOCATION.

CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Gliserio Rodriguez
Name

GLISERIO RODRIGUEZ
Position

GEOGRAPHER

Company
YATES PETROLEUM CORP

Date
5-5-80

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 knowledge and belief.

Date Surveyed
Apr. 30, 1980

Registered Professional Engineer
and/or Land Surveyor

Dan R. Reddy
Certificate No.

NMPE&LS #5412

