



**PHOENIX
TECHNOLOGY SERVICES**

October 11, 2017

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

Dear District 2 - Artesia

Re: EOG Resources
Rushing NJ 1
Eddy Co., NM
API #30-015-23204
Job No. 61381

**NM OIL CONSERVATION
ARTESIA DISTRICT
OCT 30 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	2,275	6/12/17	6/12/17	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

Company: EOG

Job #: 61381

Well Name: Rushing NJ 1

County/State: Eddy Co., New Mexico

Survey Instrument Type: North Seek Rate Gyro

API # 30-015-23204

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 (°)
2017-06-12	0	0	0

Last Survey

Date	Depth (ft)	Inclination (°)	Azimuth (°)
2017-06-12	2275	0.47	253.98

Projected TD Survey

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

Grid Correction
0.1

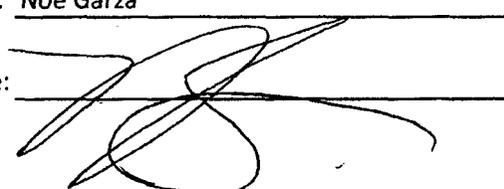
Gyro Operator: Phoenix Technology Services USA Ltd.

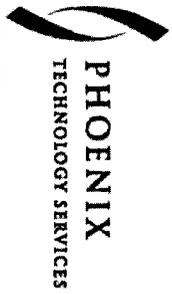
Gyro Supervisor: Angel Guebara

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

Date: 6-12-17

Print Name: Noe Garza

Signature: 



Company: EOG
 Well: Rushing NJ 1
 Location: Eddy Co., New Mexico
 Rig: Pulling Unit

Job Number: 61381
 Grid Corr.: 0.10
 Lat: 32.683890
 Long: -104.520920
 Grid Ref: NAD 83

Date: 06-12-17
 Calculation Method: Minimum Curvature
 Proposed Azimuth: Ground
 RKB - MSL in feet: Surface
 Tie Into: _____

Survey Tool Type	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	N/S (ft)	E/W (ft)	Closure Distance (ft)	Closure Angle (deg)	Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')
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FIELD COPY, NON-DEFINITIVE													
Enter Tie-In Survey on Line 10													
TIE IN	0	0	0	0	0	0	0	0	0	0	0	0	0
Gyro	100.00	0.31	226.06	100	100.00	-0.19	0.19 S	0.19 W	0.27	226.06	0.31	0.31	226.06
	200.00	0.13	4.98	100	200.00	-0.26	0.26 S	0.38 W	0.46	235.35	0.42	-0.18	-221.08
	300.00	0.60	6.99	100	300.00	0.37	0.37 N	0.31 W	0.48	320.41	0.47	0.47	2.01
	400.00	0.26	10.31	100	399.99	1.11	1.11 N	0.20 W	1.13	349.72	0.34	-0.34	3.32
	500.00	0.13	78.28	100	499.99	1.36	1.36 N	0.05 W	1.36	357.89	0.24	-0.13	67.97
	600.00	0.87	241.09	100	599.99	1.02	1.02 N	0.60 W	1.18	329.27	0.99	0.74	162.81
	700.00	0.91	275.87	100	699.98	0.73	0.73 N	2.06 W	2.18	289.52	0.53	0.04	34.78
	800.00	1.06	285.07	100	799.96	1.05	1.05 N	3.74 W	3.89	285.70	0.22	0.15	9.20
	900.00	1.11	290.52	100	899.95	1.63	1.63 N	5.54 W	5.78	286.40	0.11	0.05	5.45
	1000.00	0.94	306.97	100	999.93	2.46	2.46 N	7.10 W	7.52	289.13	0.34	-0.17	16.45
	1100.00	0.76	316.17	100	1099.92	3.44	3.44 N	8.22 W	8.91	292.69	0.23	-0.18	9.20
	1200.00	0.84	343.65	100	1199.91	4.62	4.62 N	8.88 W	10.01	297.46	0.39	0.08	27.48
	1300.00	0.11	125.48	100	1299.91	5.27	5.27 N	9.01 W	10.44	300.30	0.93	-0.73	-218.17
	1400.00	0.12	268.18	100	1399.91	5.21	5.21 N	9.04 W	10.43	299.94	0.22	0.01	142.70
	1500.00	0.38	65.88	100	1499.91	5.34	5.34 N	8.84 W	10.33	301.13	0.49	0.26	-202.30
	1600.00	0.42	94.91	100	1599.90	5.44	5.44 N	8.17 W	9.82	303.66	0.20	0.04	29.03
	1700.00	0.31	102.02	100	1699.90	5.36	5.36 N	7.54 W	9.25	305.37	0.12	-0.11	7.11
	1800.00	0.65	141.48	100	1799.90	4.85	4.85 N	6.93 W	8.46	305.03	0.46	0.34	39.46
	1900.00	0.42	149.67	100	1899.89	4.09	4.09 N	6.39 W	7.59	302.66	0.24	-0.23	8.19
	2000.00	0.30	166.10	100	1999.89	3.52	3.52 N	6.14 W	7.08	299.86	0.16	-0.12	16.43
	2100.00	0.22	178.93	100	2099.89	3.08	3.08 N	6.07 W	6.81	296.88	0.10	-0.08	12.83
	2200.00	0.28	225.83	100	2199.89	2.72	2.72 N	6.24 W	6.81	293.51	0.21	0.06	46.90
	2275.00	0.47	253.98	75	2274.89	2.50	2.50 N	6.67 W	7.13	290.57	0.35	0.25	37.53

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

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

All distances must be from the outer boundaries of the Section.

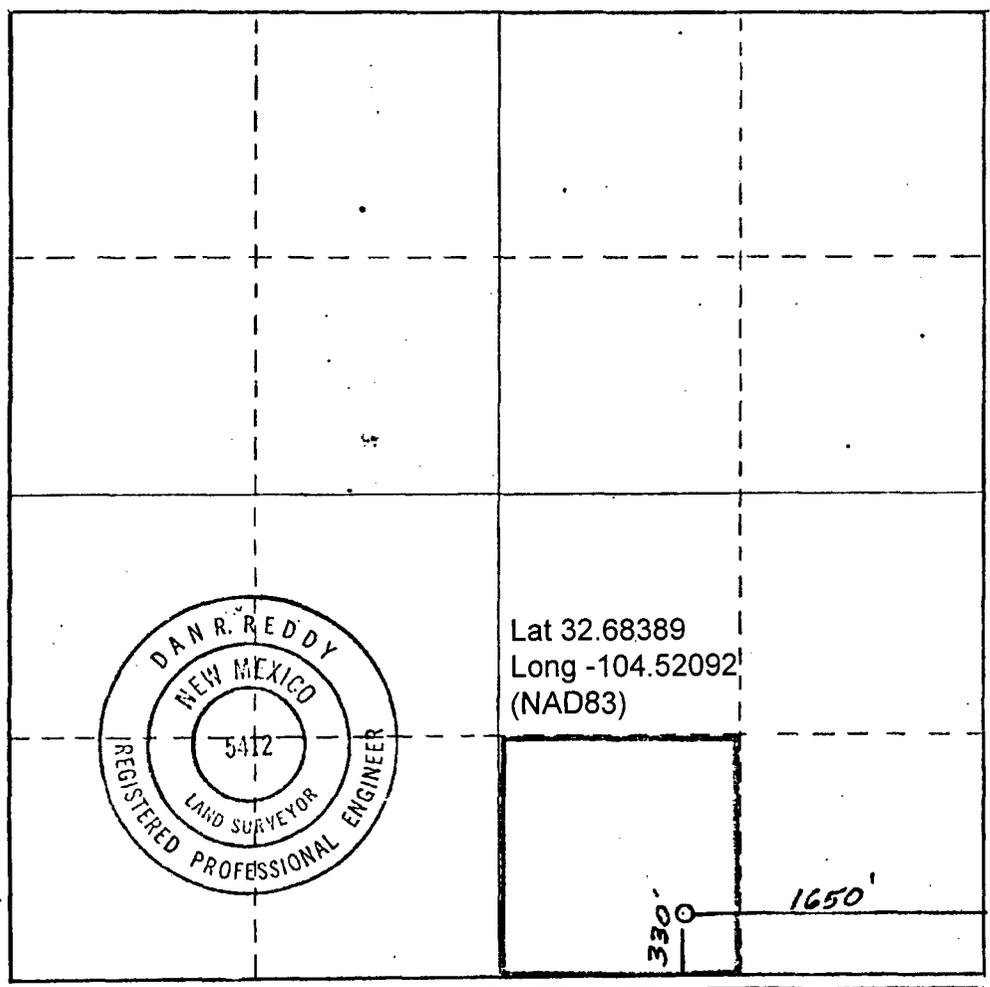
Operator YATES PETROLEUM CORPORATION			Lease Rushing NJ		Well No. 1
Unit Letter 0	Section 6	Township 19 South	Range 25 East	County Eddy	
Actual Footage Location of Well: 1650 feet from the East line and 330 feet from the South line					
Ground Level Elev. 3596.0	Producing Formation YESO	Pool PENASCO DRAW (YESO - SA)		Dedicated Acreage 40 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.



Lat 32.68389
Long -104.52092
(NAD83)

CERTIFICATION

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

Gliseria Rodriguez
Name
GLISERIA RODRIGUEZ
Position
GEOGRAPHER
Company
YATES PETROLEUM CORP
Date
2-25-80

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
Feb. 21, 1980
Registered Professional Engineer and/or Land Surveyor
Dan R. Reddy
Certificate No.
NM PERLS #5412

