



PHOENIX
TECHNOLOGY SERVICES

April 13, 2018

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

RECEIVED

Dear District 2 - Artesia

APR 24 2018

Re: EOG Resources
Yates AS Fee #1
Eddy Co., New Mexico
API #30-015-10740
Job No. 62641

DISTRICT II-ARTESIA O.C.D.

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	1,100	4/12/18	4/12/18	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,

Brittany Carley

Brittany Carley
Operations Administrator

APR 24 2018

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 SERVICESCompany: EOGJob #: 62641Well Name: Yates AS Fee # 1County/State: Eddy Co., New MexicoSurvey Instrument Type: North Seek Rate GyroAPI #: 30-015-10740**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 (°)
2018-04-12	0	0	0

1st Survey

Date	Depth (ft)	Inclination (°)	Azimuth (°)
2018-04-12	1100	1.27	126.06

Projected TD Survey

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

Grid

Correction

0.06

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:

04-12-18Print Name: Noe Garza

Signature:

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DISTRICT II-ARTESIA O.C.D.



Company: EOG
 Well: Yates AS Fee # 1
 Location: Eddy Co., New Mexico
 Rig: Pulling Unit

Job Number: 62641
 Grid Corr.: 0.06
 Lat: 32.718090
 Long: -104.439180
 Grid Ref: NAD 83

Date: 04-12-18
 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	0.68	185.78	100	100.00	-0.59	0.59 S	0.06 W	0.59	185.78	0.68	0.68	185.78
	200.00	0.60	186.32	100	199.99	-1.70	1.70 S	0.18 W	1.71	185.95	0.08	-0.08	0.54
	300.00	0.64	192.96	100	299.99	-2.77	2.77 S	0.36 W	2.79	187.42	0.08	0.04	6.64
	400.00	0.93	217.26	100	399.98	-3.96	3.96 S	0.98 W	4.07	193.87	0.44	0.29	24.30
	500.00	0.98	224.83	100	499.96	-5.21	5.21 S	2.07 W	5.61	201.68	0.14	0.05	7.57
	600.00	0.97	239.07	100	599.95	-6.25	6.25 S	3.40 W	7.11	208.55	0.24	-0.01	14.24
	700.00	1.09	228.41	100	699.93	-7.32	7.32 S	4.84 W	8.77	213.47	0.23	0.12	-10.66
	800.00	0.90	242.22	100	799.92	-8.31	8.31 S	6.24 W	10.40	216.91	0.30	-0.19	13.81
	900.00	0.75	75.92	100	899.91	-8.52	8.52 S	6.30 W	10.60	216.49	1.64	-0.15	-166.30
	1000.00	1.39	110.92	100	999.90	-8.79	8.79 S	4.54 W	9.90	207.28	0.89	0.64	35.00
	1100.00	1.27	126.06	100	1099.87	-9.88	9.88 S	2.51 W	10.19	194.24	0.37	-0.12	15.14

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NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLATForm C-102
Supersedes C-128
Effective 1-1-65

APR 24 2018

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

Operator Yates Petroleum Corporation			Lease 45 Yates Fee (45)		Well No. 1
Unit Letter K	Section 25	Township 18 South	Range 25 East	County Eddy	
Actual Footage Location of Well: 2310 feet from the South line and 2310 feet from the West line					
Ground Level Elev. 3463	Producing Formation San Andres		Fool under Penasco	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?

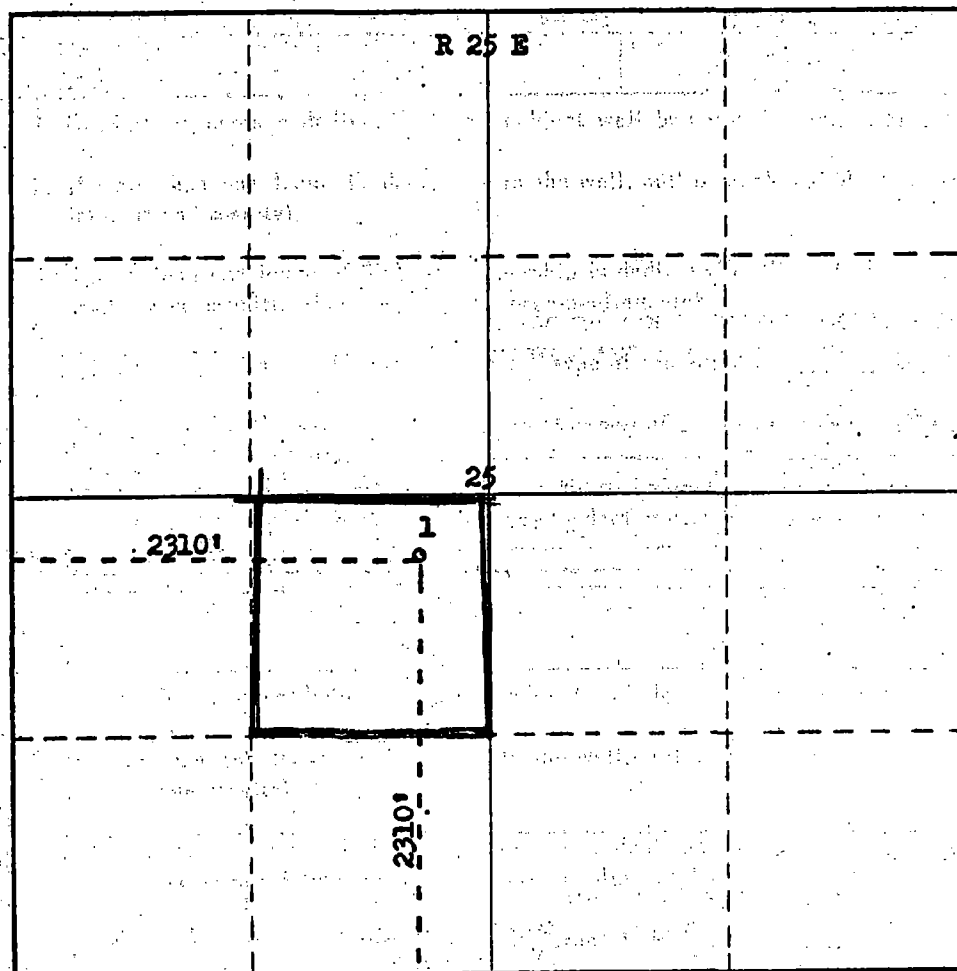
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☐ Yes ☐ No If answer is "yes," type of consolidation _____

FEB 16 1966

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.



CERTIFICATION

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

Richard C. Norman

Name
Richard C. Norman

Position
Geologist

Company
Yates Petroleum Corp.

Date
February 15, 1966

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

February 14, 1966

Registered Professional Geologist and/or Land Surveyor

James H. Brown

Certificate No.

N.M.L.S. No. 542

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600 6930 7260 7590 7920 8250 8580 8910 9240 9570 9900