



**PHOENIX
TECHNOLOGY SERVICES**

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APR 23 2018

DISTRICT II-ARTESIA O.C.D.

April 19, 2018

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

Dear District 2 - Artesia

Re: EOG Resources
Yates AS Fee #3
Eddy Co., New Mexico
API #30-015-21406
Job No. 62676

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	
Leo Garza	3	0	1,150	4/18/18	4/18/18	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

SURVEY CERTIFICATION FORM

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



PHOENIX
TECHNOLOGY SERVICES

Company: EOG Resources

Job #: 62676

Well Name: Yates AS Fee #3

County/State: Eddy Co., New Mexico

Survey Instrument Type: North Seek Rate Gyro

API # 30-015-21406

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 (°)
2018-04-18	0	0	0

Last Survey

Date	Depth (ft)	Inclination (°)	Azimuth (°)
2018-04-18	1150	1.24	184.58

Projected TD Survey

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

Grid Correction
0.06

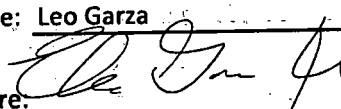
Gyro Operator: Phoenix Technology Services USA Ltd.

Gyro Supervisor: Angel Guebara

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

Date: 2018-04-18

Print Name: Leo Garza

Signature: 



Company: EOG Resources
 Well: Yates AS Fee #3
 Location: Eddy Co., New Mexico
 Rig: Pulling Unit

Job Number: 62676
 Grid Corr.: 0.06
 Lat: 32.71
 Long: -104.44

Date: 04-18-18
 Calculation Method: Minimum Curvature
 Proposed Azimuth:
 RKB - MSL in feet: Ground
 Tie Into: Surface

Survey Tool Type	Survey Depth (ft)	Inclina- tion (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	0.69	313.31	100	100.00	0.41	0.41 N	0.44 W	0.60	313.31	0.69	0.69	313.31
	200.00	0.80	270.46	100	199.99	0.83	0.83 N	1.57 W	1.78	297.85	0.55	0.11	-42.85
	300.00	1.02	247.66	100	299.98	0.50	0.50 N	3.10 W	3.14	279.16	0.42	0.22	-22.80
	400.00	1.01	179.88	100	399.97	-0.72	0.72 S	3.92 W	3.98	259.57	1.13	-0.01	-67.78
	500.00	0.54	245.98	100	499.96	-1.79	1.79 S	4.35 W	4.70	247.57	0.93	-0.47	66.10
	600.00	0.63	179.21	100	599.95	-2.54	2.54 S	4.77 W	5.40	242.00	0.65	0.09	-66.77
	700.00	0.86	204.74	100	699.94	-3.77	3.77 S	5.08 W	6.32	233.42	0.40	0.23	25.53
	800.00	1.50	209.53	100	799.92	-5.59	5.59 S	6.03 W	8.22	227.20	0.65	0.64	4.79
	900.00	1.52	221.02	100	899.89	-7.73	7.73 S	7.55 W	10.80	224.34	0.30	0.02	11.49
	1000.00	1.46	207.92	100	999.86	-9.85	9.85 S	9.02 W	13.36	222.46	0.35	-0.06	-13.10
	1100.00	1.49	188.42	100	1099.82	-12.26	12.26 S	9.80 W	15.70	218.64	0.50	0.03	-19.50
	1150.00	1.24	184.58	50	1149.81	-13.45	13.45 S	9.94 W	16.72	216.48	0.53	-0.50	-7.68

MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

APR 23 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.

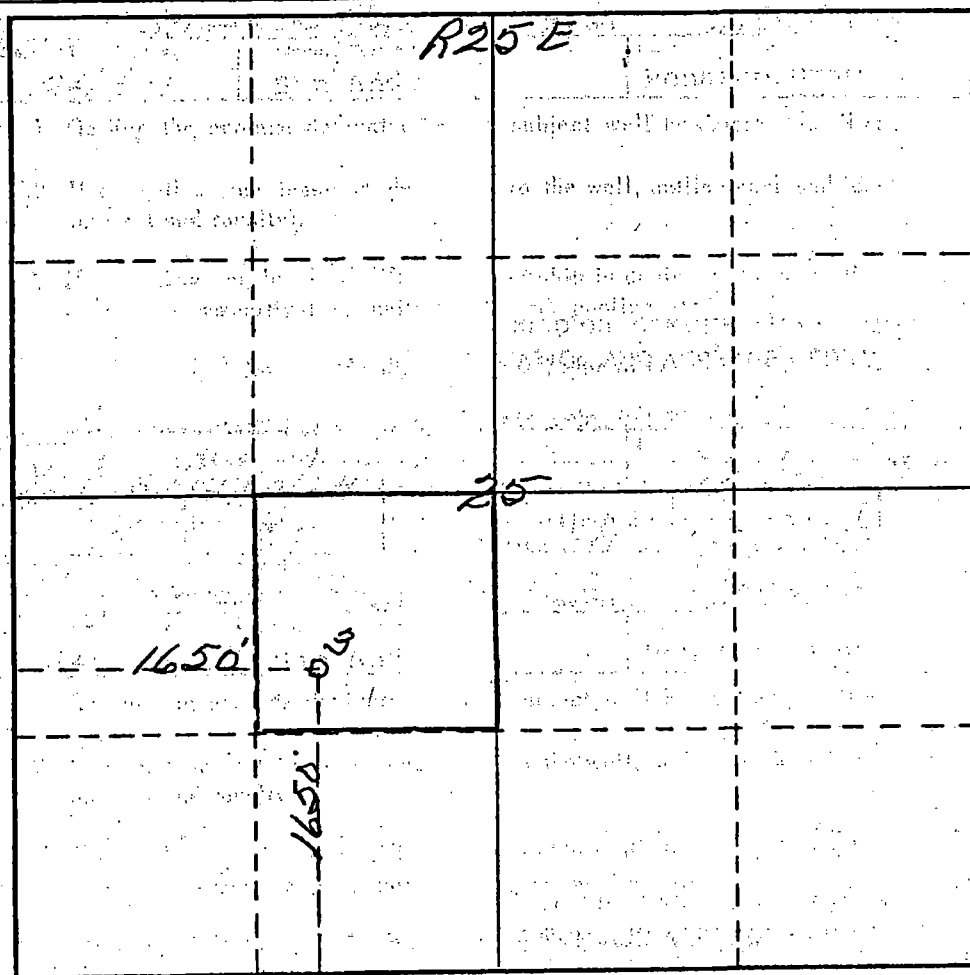
Operator <i>Yates Petroleum Corp.</i>		Lease <i>Yates Field "AS" Fee</i>		Well No. <i>3</i>
Unit Letter <i>K</i>	Section <i>25</i>	Township <i>18 South</i>	Range <i>25 East</i>	County <i>Eddy</i>
Actual Footage Location of Well: <i>1650</i> feet from the <i>South</i> line and <i>1650</i> feet from the <i>West</i> line				
Ground Level Elev. <i>3464</i>	Producing Formation <i>San Andres</i>	Pool <i>Penasco Draw (S.A. Yeso)</i>	Dedicated Acreage: <i>40</i> 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.



CERTIFICATION

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

Eddie M. Mahfood
Name

Engineer - Eddie M.

Position
Mahfood

Company
Yates Pet. Corporation

Date
10-25-74

I hereby certify that the well location shown on this plat was plotted from field notes of actual survey 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
October 25th 1974
Registered Professional Engineer
and/or Land Surveyor

James H. Brown
Certificate No. *542*

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500