

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy Minerals and Natural Resources

Form C-101
Revised July 18, 2013

Oil Conservation Division AMENDED REPORT
NM OIL CONSERVATION
1220 South St. Francis Dr. ARTESIA DISTRICT
Santa Fe, NM 87505 **MAR 01 2017**

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address EOG RESOURCES 104 S. 4 th St ARTESIA, NM 88210		² OGRID Number 25575
		³ API Number 30-015-42223
⁴ Property Code 12062	⁵ Property Name BOYD X STATE COM	⁶ Well No. #15H

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
E	16	19S	25E		1935	N	15	W	EDDY

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
H	16	19S	25E		2260	N	330	E	EDDY

9. Pool Information

Pool Name N. SEVEN RIVERS; GLORIETA-YESO	Pool Code 97565
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Additional Well Information

¹¹ Work Type New Well	¹² Well Type Oil	¹³ Cable/Rotary	¹⁴ Lease Type State	¹⁵ Ground Level Elevation 3517
¹⁶ Multiple N	¹⁷ Proposed Depth 7309	¹⁸ Formation Yeso	¹⁹ Contractor	²⁰ Spud Date
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

We will be using a closed-loop system in lieu of lined pits

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	12.25	9.625	36	1400	510	0 ✓
Prod	8.75	7	29	2752	1255	0
Prod	8.5	5.5	17	7305	1255	0

Casing/Cement Program: Additional Comments

Pilot hole will be drilled with an 8 3/4" hole to a total depth of approx. 9400'. We will plug back with 200' isolation plugs on bottom and KO to drill our horizontal.

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	3000	3000	

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

I further certify that I have complied with 19.15.14.9 (A) NMAC and/or 19.15.14.9 (B) NMAC , if applicable.

Signature: *Armando Lopez*

Printed name: Armando Lopez

Title: Advisor Regulatory

E-mail Address: Armando_lopez@eogresources.com

Date: 3/1/17

Phone: 575-748-4479

OIL CONSERVATION DIVISION

Approved By:

Raymond J. Johnson 3-1-2017

Title:

Approved Date: 3-25-2014

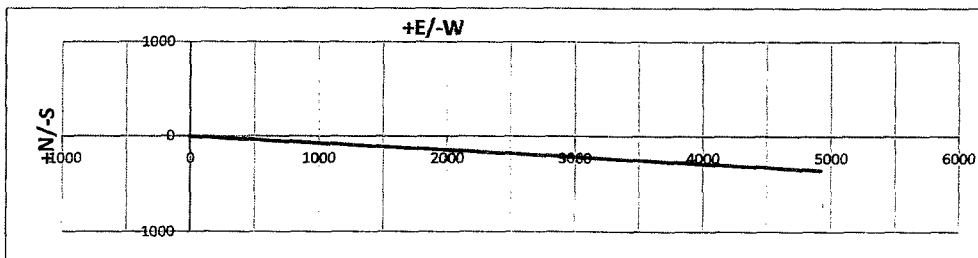
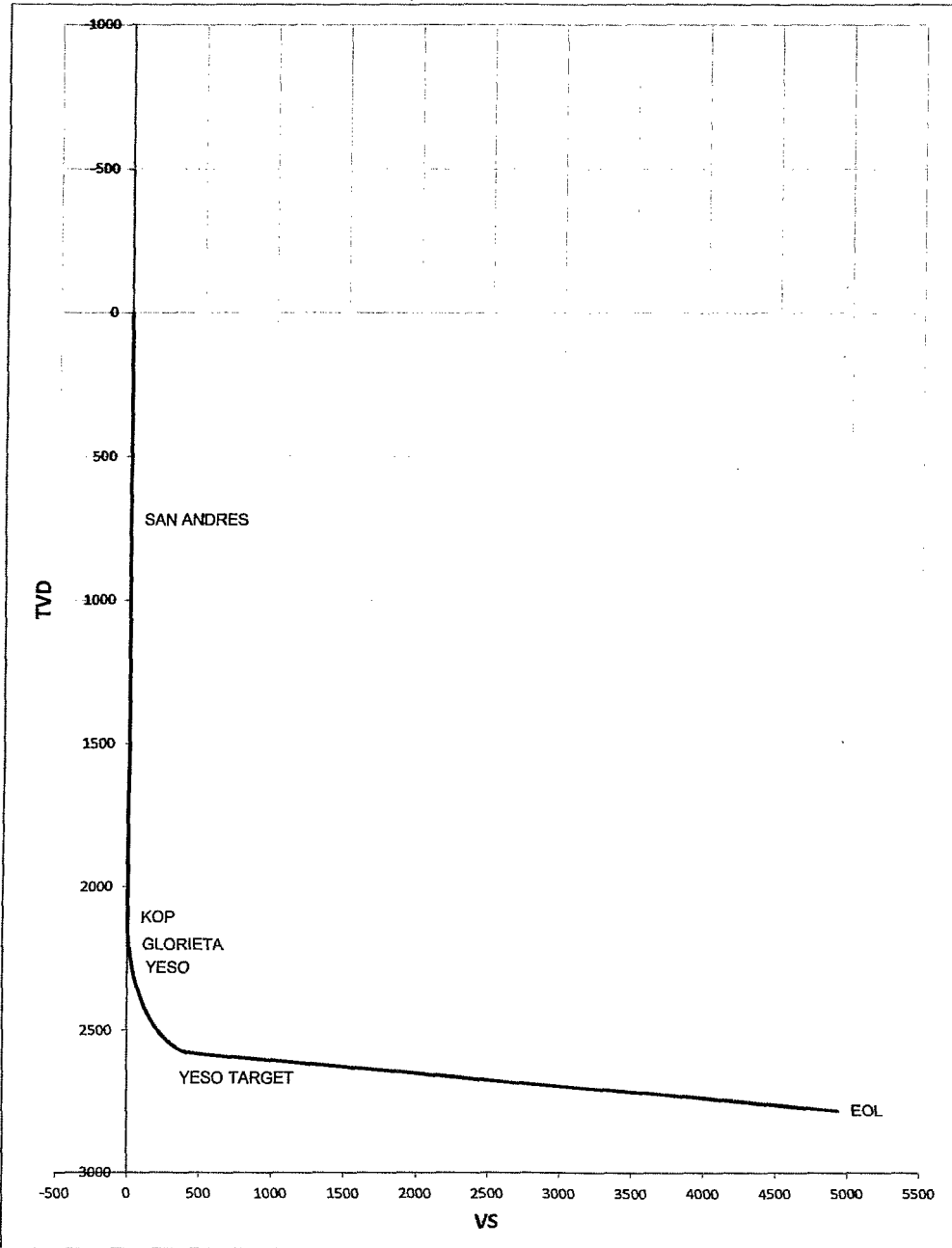
Expiration Date: 3-25-2018

Conditions of Approval Attached

Well Name:	Boyd X State Com #15H	Tgt N/-S:	-354.80	EOC TVD/MD:	2580.35 / 2832.07
Surface Location:	Section 16 , Township 19S Range 25E	Tgt E/-W:	4919.90	VS:	4932.68
Bottom Hole Location:	Section 16 , Township 19S Range 25E	VS Az:	94.12	EOL TVD/MD:	2780.00 / 7308.56

MD	Inc.	Azi.	TVD	+N/-S	+E/-W	VS	DLS	Comments
0	0	0	0	0	0	0	0	
720.00	0.00	0.00	720.00	0.00	0.00	0.00	0.00	SAN ANDRES
2103.36	0.00	0.00	2103.36	0.00	0.00	0.00	0.00	KOP
2125.00	2.60	94.12	2124.99	-0.04	0.49	0.49	12.00	
2150.00	5.60	94.12	2149.93	-0.16	2.27	2.28	12.00	
2175.00	8.60	94.12	2174.73	-0.39	5.35	5.37	12.00	
2200.00	11.60	94.12	2199.34	-0.70	9.72	9.75	12.00	
2200.67	11.68	94.12	2200.00	-0.71	9.86	9.88	12.00	GLORIETA
2225.00	14.60	94.12	2223.69	-1.11	15.37	15.41	12.00	
2250.00	17.60	94.12	2247.71	-1.61	22.29	22.34	12.00	
2275.00	20.60	94.12	2271.33	-2.20	30.44	30.52	12.00	
2284.30	21.71	94.12	2280.00	-2.44	33.79	33.88	12.00	YESO
2300.00	23.60	94.12	2294.49	-2.87	39.82	39.92	12.00	
2325.00	26.60	94.12	2317.12	-3.63	50.40	50.53	12.00	
2350.00	29.60	94.12	2339.18	-4.48	62.14	62.30	12.00	
2375.00	32.60	94.12	2360.58	-5.41	75.02	75.21	12.00	
2400.00	35.60	94.12	2381.28	-6.42	88.99	89.22	12.00	
2425.00	38.60	94.12	2401.22	-7.50	104.03	104.30	12.00	
2450.00	41.60	94.12	2420.34	-8.66	120.09	120.40	12.00	
2475.00	44.60	94.12	2438.59	-9.89	137.13	137.48	12.00	
2500.00	47.60	94.12	2455.93	-11.18	155.09	155.49	12.00	
2525.00	50.60	94.12	2472.29	-12.54	173.93	174.39	12.00	
2550.00	53.60	94.12	2487.65	-13.96	193.61	194.11	12.00	
2575.00	56.60	94.12	2501.95	-15.44	214.06	214.61	12.00	
2600.00	59.60	94.12	2515.16	-16.96	235.22	235.83	12.00	
2625.00	62.60	94.12	2527.25	-18.54	257.05	257.72	12.00	
2650.00	65.60	94.12	2538.17	-20.15	279.48	280.20	12.00	
2675.00	68.60	94.12	2547.89	-21.81	302.44	303.23	12.00	
2700.00	71.60	94.12	2556.40	-23.50	325.89	326.73	12.00	
2725.00	74.60	94.12	2563.67	-25.22	349.74	350.65	12.00	
2750.00	77.60	94.12	2569.68	-26.97	373.94	374.91	12.00	
2775.00	80.60	94.12	2574.41	-28.73	398.43	399.46	12.00	
2800.00	83.60	94.12	2577.84	-30.51	423.12	424.22	12.00	
2825.00	86.60	94.12	2579.98	-32.30	447.96	449.13	12.00	
2832.07	87.45	94.12	2580.35	-32.81	455.01	456.19	12.00	YESO TARGET
7308.56	87.45	94.12	2780.00	-354.80	4919.90	4932.68	0.00	EOL

Boyd X State Com #15H



Geological Prognosis

Boyd X State Com #15H

LOCATION	
Township	19S
Range	25E
Section	16
Surface Footage	1935' FNL & 15' FWL
BHL Footage	2260' FNL & 330' FEL
GL Elevation	3517
KB Elevation	3531.5

GEOLOGICAL TOPS	TVD
San Andres	720
Glorieta	2200
Yeso	2280
Abo	4990
Wolfcamp	5560
Canyon	7680
Strawn	8260
Morrow	8960
Mississippian	9280
Pilot TD	9400
EOC (Pay TVD)	2,580
EOL TVD (@BHL)	2,780
est. Lateral TD	7,310

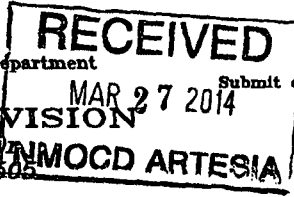
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511 S. First St., Artesia, NM 88210
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State of New Mexico
Energy, Minerals and Natural Resources Department



Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

OIL CONSERVATION DIVISION
1220 South St. Francis
Santa Fe, New Mexico 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

AMENDED REPORT

API Number 30-015-42223	Pool Code 97565	Pool Name N. Seven Rivers; Glorieta-Yeso
Property Code 12062	Property Name BOYD X STATE COM	Well Number 15H
OGRID No. 025575	Operator Name YATES PETROLEUM CORPORATION	Elevation 3517

Surface Location

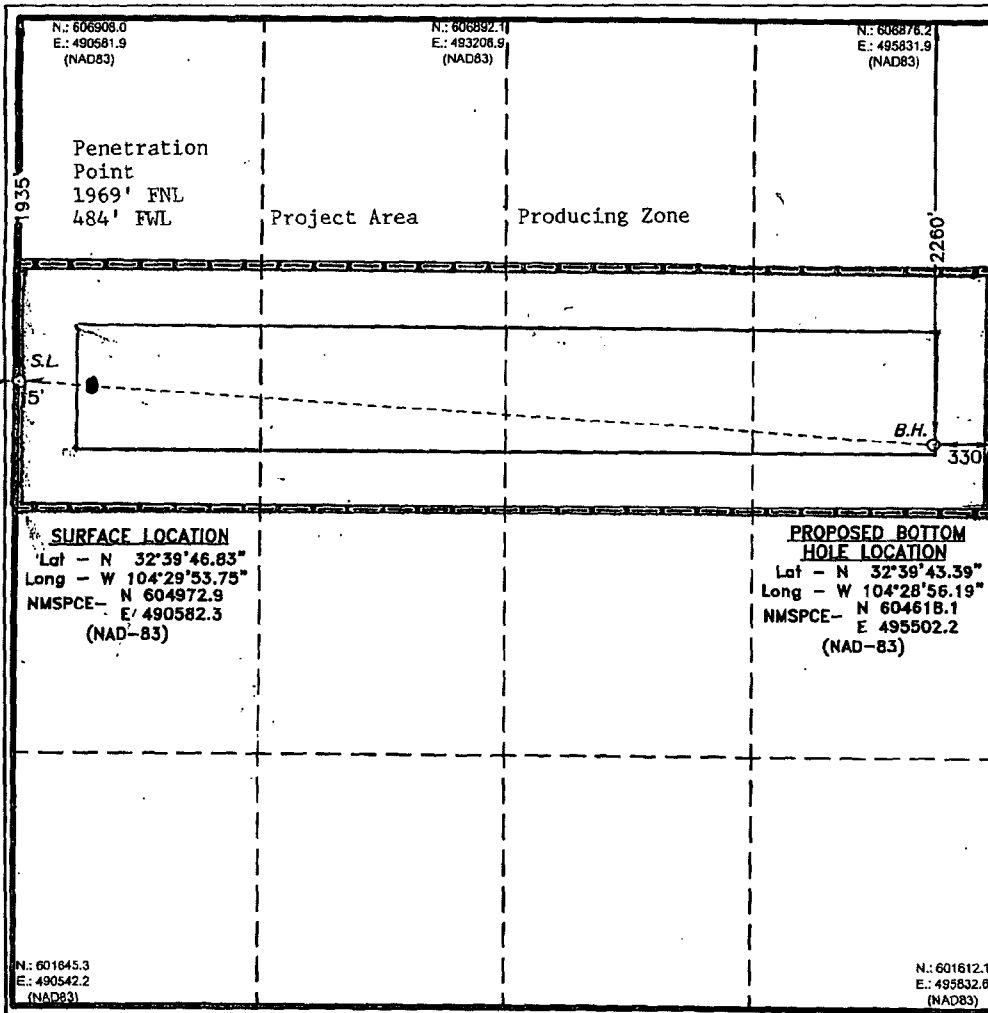
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	16	19 S	25 E		1935	NORTH	15	WEST	EDDY

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
H	16	19 S	25 E		2260	NORTH	330	EAST	EDDY

Dedicated Acres 160	Joint or Infill	Consolidation Code	Order No.
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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



OPERATOR CERTIFICATION
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or undivided mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Travis Hahn 3/27/11
Signature Date

Travis Hahn
Printed Name
thahn@yatespetroleum.com
Email Address

SURVEYOR CERTIFICATION
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.

MARCH 10 2011
NEW MEXICO
Professional Surveyor
7977

Certification No. 7977

0' 500' 1000' 1500' 2000'
SCALE: 1" = 1000'
WO Num.: 30182