

HOBBS OCD

JUL 12 2018

S/S

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 & Natural Resources
Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

RECEIVED

FORM C-102

Revised August 1, 2011

Submit one copy to appropriate

District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-44971	² Pool Code 97964	³ Pool Name WC-025 G-07 S243225C; Lower Bone Spring
⁴ Property Code 72169	⁵ Property Name SAVAGE 2 STATE COM	⁶ Well Number #101H
⁷ GRID No. 7377	⁸ Operator Name EOG RESOURCES, INC.	⁹ Elevation 3513'

¹⁰Surface Location

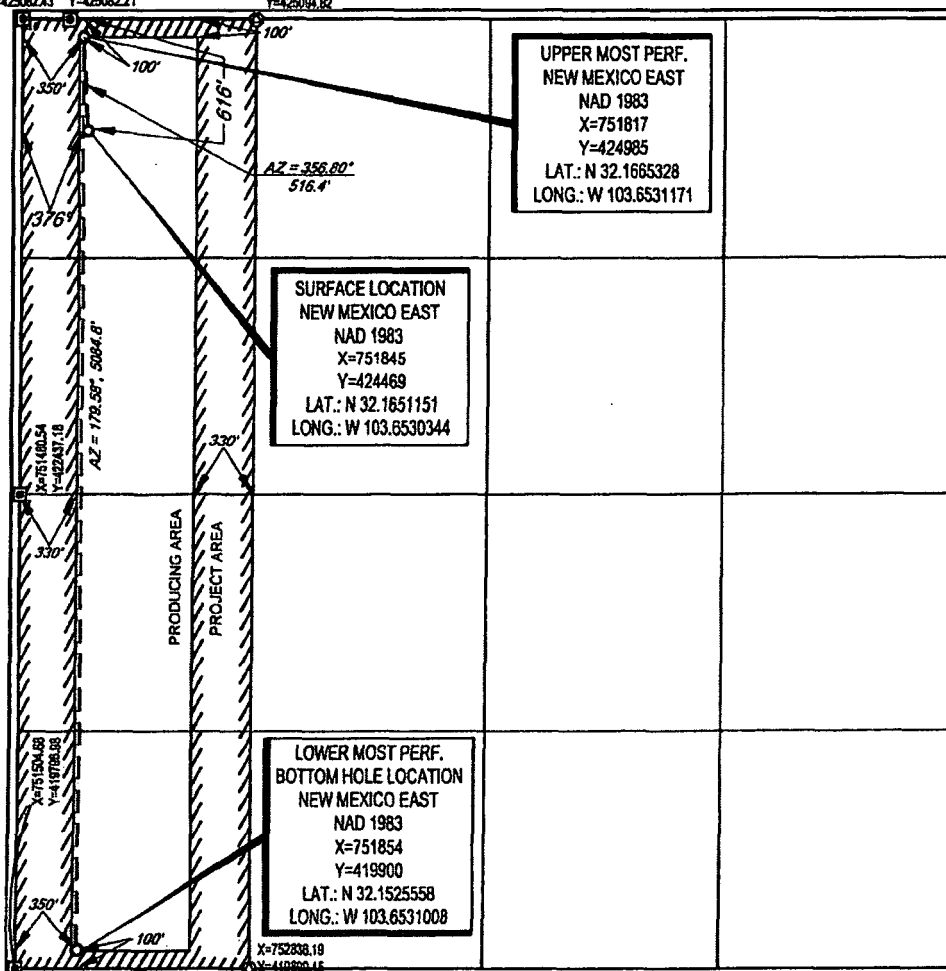
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
4	2	25-S	32-E	-	616'	NORTH	376'	WEST	LEA

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	2	25-S	32-E	-	100'	SOUTH	350'	WEST	LEA

¹¹ Dedicated Acres 160.10	¹² Joint or Infill	¹³ Consolidation Code	¹⁴ 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.

X=751468.04 X=751546.70 X=752836.79
Y=425082.43 Y=425082.21 Y=425094.82

¹⁷OPERATOR 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.

Tina Huerta 7/12/18
Signature Date

Tina Huerta
Printed Name

E-mail Address

¹⁸SURVEYOR 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 to the best of my belief.

08/19/2018
Date of Survey
Signature and Seal of Professional Surveyor
MICHAEL B. BROWN
NEW MEXICO
18329
PROFESSIONAL SURVEYOR
Certificate Number

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-4477	² Pool Code 97964	³ Pool Name WC-025 G-07 S243225C; Lower Bone Spring
⁴ Property Code 321651	⁵ Property Name SAVAGE 2 STATE COM	⁶ Well Number #101H
⁷ GRID No. 7377	⁸ Operator Name EOG RESOURCES, INC.	⁹ Elevation 3513'

¹⁰Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
4	2	25-S	32-E	-	616'	NORTH	376'	WEST	LEA

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	2	25-S	32-E	-	100'	SOUTH	350'	WEST	LEA

¹¹ Dedicated Acres 160.10	¹² Joint or Infill	¹³ Consolidation Code	¹⁴ 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.

X=751468.04 X=751548.70
Y=425082.43 Y=425082.21

Diagram showing well location and surface location with coordinates and bearings. The diagram includes a grid with sections 2 and 3, and a well location marked with a star. The well location is at the intersection of Section 2 and Range 32-E. The surface location is at the intersection of Section 2 and Range 32-E. The well location is at the intersection of Section 2 and Range 32-E. The surface location is at the intersection of Section 2 and Range 32-E.	UPPER MOST PERF. NEW MEXICO EAST NAD 1983 X=751817 Y=424985 LAT.: N 32.1665328 LONG.: W 103.6531171	¹⁷OPERATOR 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. <i>Tina Huerta</i> 7/12/18 Signature Date Tina Huerta Printed Name E-mail Address	
	SURFACE LOCATION NEW MEXICO EAST NAD 1983 X=751845 Y=424469 LAT.: N 32.1651151 LONG.: W 103.6530344		¹⁸SURVEYOR 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 to the best of my belief. 08/19/2018 Date of Survey <i>Michael B. Brown</i> Signature and Printed Name NEW MEXICO 18329 PROFESSIONAL SURVEYOR Certificate Number
	LOWER MOST PERF. BOTTOM HOLE LOCATION NEW MEXICO EAST NAD 1983 X=751854 Y=419900 LAT.: N 32.1525558 LONG.: W 103.6531008		

Permit Information:

Well Name: Savage 2 State Com No. 101H

Location:

SL: 616' FNL & 376' FWL, Section 2, T-25-S, R-32-E, Lea Co., N.M.

BHL: 100' FSL & 350' FWL, Section 2, T-25-S, R-32-E, Lea Co., N.M.

HOBBS OCD
JUL 12 2018
RECEIVED**Casing Program:**

Hole Size	Interval	Csg OD	Weight	Grade	Conn	DF _{min} Collapse	DF _{min} Burst	DF _{min} Tension
17.5"	0 - 855'	13.375"	54.5#	J55	STC	1.125	1.25	1.60
12.25"	0-4000'	9.625"	40#	J55	LTC	1.125	1.25	1.60
12.25"	4000' - 4700'	9.625"	40#	HCK-55	LTC	1.125	1.25	1.60
8.75"	0'-14,189'	5.5"	17#	HCP-110	LTC	1.125	1.25	1.60

Cement Program:

Depth	No. Sacks	Wt. ppg	Yld Ft ³ /ft	Slurry Description
855'	600	13.5	1.73	Class C + 4.0% Bentonite + 0.6% CD-32 + 0.5% CaCl ₂ + 0.25 lb/sk Cello-Flake (TOC @ Surface)
	300	14.8	1.34	Class C + 0.6% FL-62 + 0.25 lb/sk Cello-Flake + 0.2% Sodium Metasilicate
4,700'	900	12.7	2.22	Class 'C' + 1.50% R-3 + 0.25 lb/sk Cello-Flake + 2.0% Sodium Metasilicate + 10% Salt + 0.005 lb/sk Static Free (TOC @ Surface)
	225	14.8	1.32	Tail: Class 'C' + 0.25 lb/sk Cello Flake + 0.005 lb/sk Static Free
14,189'	375	10.8	3.67	60:40:0 Class C + 15.0 pps BA-90 + 4% MPA-5 + 3.0% SMS + 5.0% A-10 + 1.0% BA-10A + 0.80% ASA-301 + 2.55% R-21 + 8.0 pps LCM-1 (TOC @ 4200')
	400	11.8	2.38	50:50:10 Class H + 0.80% FL-52 + 0.30% ASA-301 + 0.40% SMS + 2.0% Salt + 0.30% R-21 + 3.0 pps LCM-1 + 0.25 pps Celloflake
	1300	14.2	1.28	50:50:2 Class H + 0.65% FL-52 + 0.45% CD-32 + 0.10% SMS + 2.0% Salt

Mud Program:

Depth	Type	Weight (ppg)	Viscosity	Water Loss
0 - 855'	Fresh - Gel	8.6-8.8	28-34	N/c
855' - 4,700'	Brine	10.0-10.2	28-34	N/c
4,700' - 8,781'	Cut Brine	8.4-9.0	28-34	N/c
8,781' - 14,189' Lateral	Cut Brine	9.0-9.5	40-42	8-10

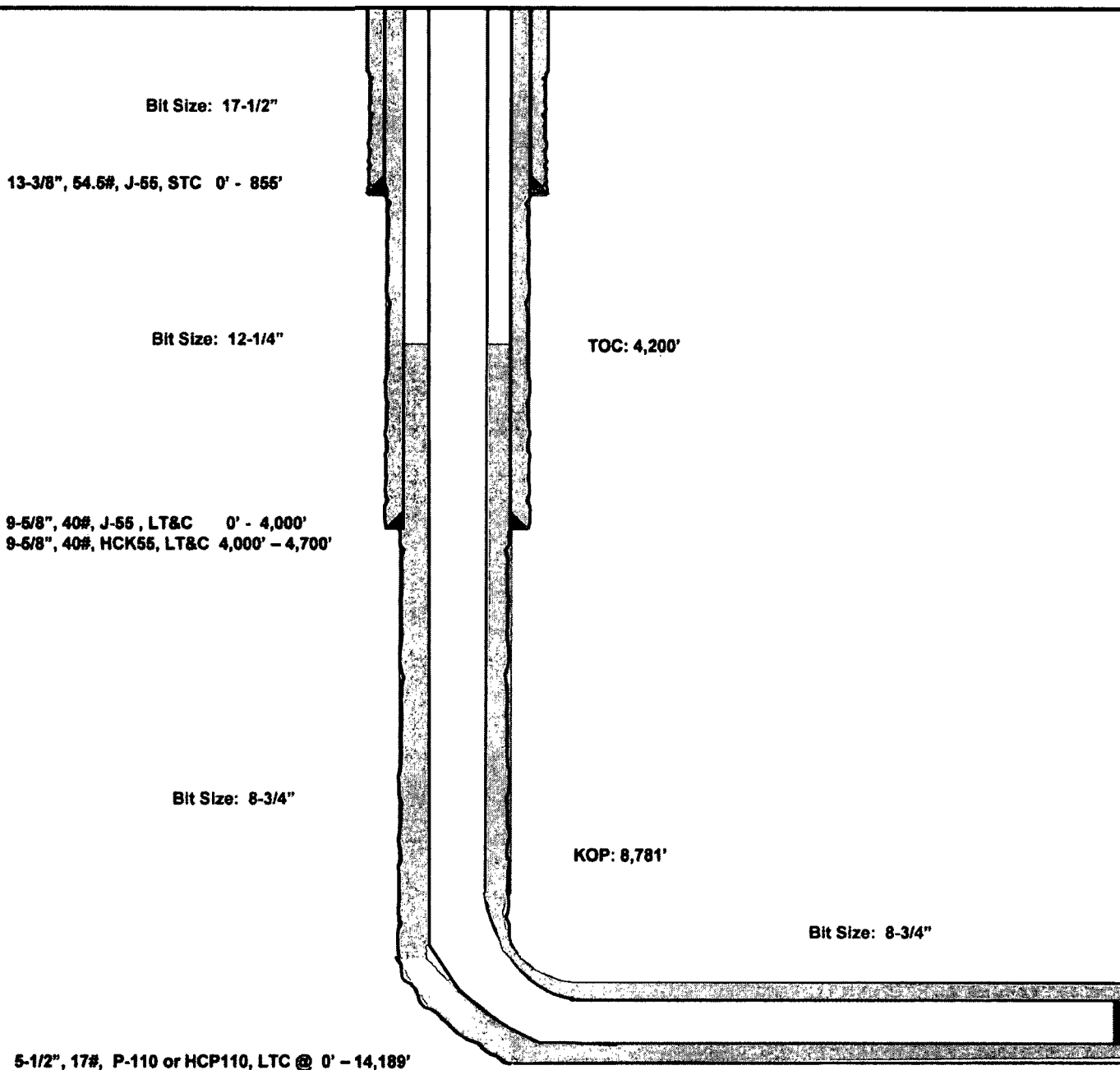
**Savage 2 State Com #101H
Lea County, New Mexico**

**616' FNL
376' FWL
Section 2
T-25-S, R-32-E**

Proposed Wellbore

API: 30-025-*****

**KB: 3,538'
GL: 3,513'**



Lateral: 14,189' MD, 9,230' TVD

**BH Location: 100' FSL & 350' FWL
Section 2
T-25-S, R-32-E**