Turkey Track Closed Loop Gas Capture (CLGC) Project

General Project Description: Closed Loop Gas Capture (CLGC) Project
Oxy- 2023 Turkey Track

Summary of Requested Relief

1. Authority to operate a closed loop gas capture project ("CLGC") project consisting of eight (8) wells. The project will help to prevent waste and reduce adverse impacts from temporary interruptions of gas pipeline capacity.
2. Maximum Allowable Surface Pressure (MASP) of 1335 psi.
3. An exception for the 100-foot packer setting depth requirement applied to vertical injection wells.

Overview

Oxy USA Inc. (Oxy) is proposing a Closed Loop Gas Capture (CLGC) project. On occasion, third-party gas purchasers reduce takeaway capacity and cause interruptions that result in flaring or shut in production. During these interruptions, Oxy will utilize CLGC wells to capture gas and reduce flaring.

Oxy has experienced interruptions where the third-party gas purchaser temporarily reduced takeaway capacity from this project area, resulting in the flaring of gas or the immediate shut-in of production. Approval of this application will significantly reduce such flaring or shut-in production in the future.

Operations During Interruption	Operations During Interruption With CLGC System	Benefits
• Flare gas • Shut in production	• Store gas • Continue production • No additional surface disturbances	• Reduce greenhouse gas emissions • Improve economic recovery of mineral resources including gas that might have been flared • Utilize existing infrastructure

Proposed Operations

Oxy has an extensive high-pressure gas system in the Turkey Track area. It is used for gas lift operations, a type of artificial lift. Oxy plans to utilize the same system for gas storage operations. Very minimal equipment on surface will need to be installed prior to starting storage operations.

Enterprise is the third-party gas purchaser for the Turkey Track area. If an interruption occurs, Oxy will divert gas from the takeaway line back into the gas lift injection system. Gas will flow from the Central Gas Lift (CGL) Compressor Stations through the flow meter, control valve, safety shutdown valve, wellhead and into the wellbore for storage. Gas will be injected down the casing/tubing annulus in these wells. Simultaneously, the proposed CLGC well will be shut in by closing the electric choke upstream of the production flowline. After the interruption has ended, the electric choke will open and the CLGC well resumes production.

Gas Surface Commingling Permit

The Lost Tank area will be commingled at a future date under the approved gas surface commingling permit PLC-517.

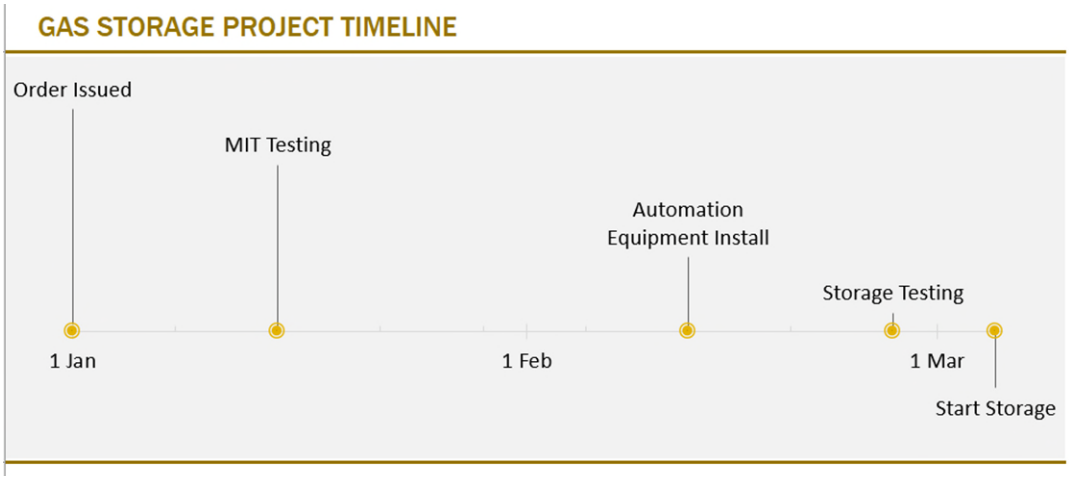
Wells

There are 12 wells proposed in this application.

API10	Well Name
3001544396	TURKEY TRACK 4-3 STATE 21H
3001544537	TURKEY TRACK 4-3 STATE 22H
3001544517	TURKEY TRACK 4-3 STATE 23H
3001544518	TURKEY TRACK 4-3 STATE 24H
3001544142	TURKEY TRACK 8-7 STATE 22H
3001544143	TURKEY TRACK 8-7 STATE 23H
3001544145	TURKEY TRACK 8-7 STATE 24H
3001545681	TURKEY TRACK 8-7 201H
3001544117	TURKEY TRACK 9-10 21H
3001544122	TURKEY TRACK 9-10 22H
3001544154	TURKEY TRACK 9-10 23H
3001544156	TURKEY TRACK 9-10 24H

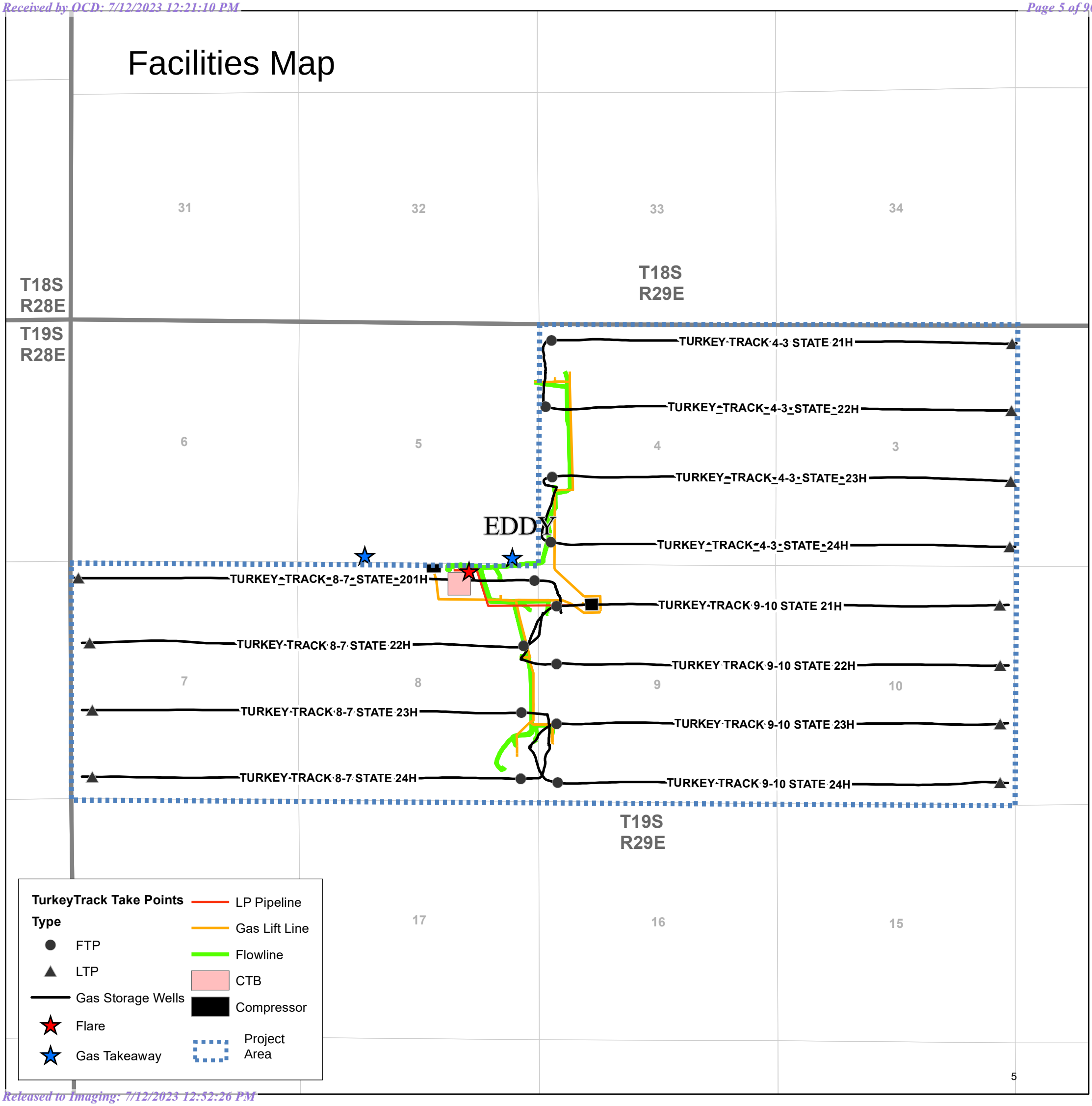
Timeline

Since no new surface disturbances are required, this project can be implemented with minimal facility modifications. The timeline below assumes an order is issued on January 1 for illustration purposes.

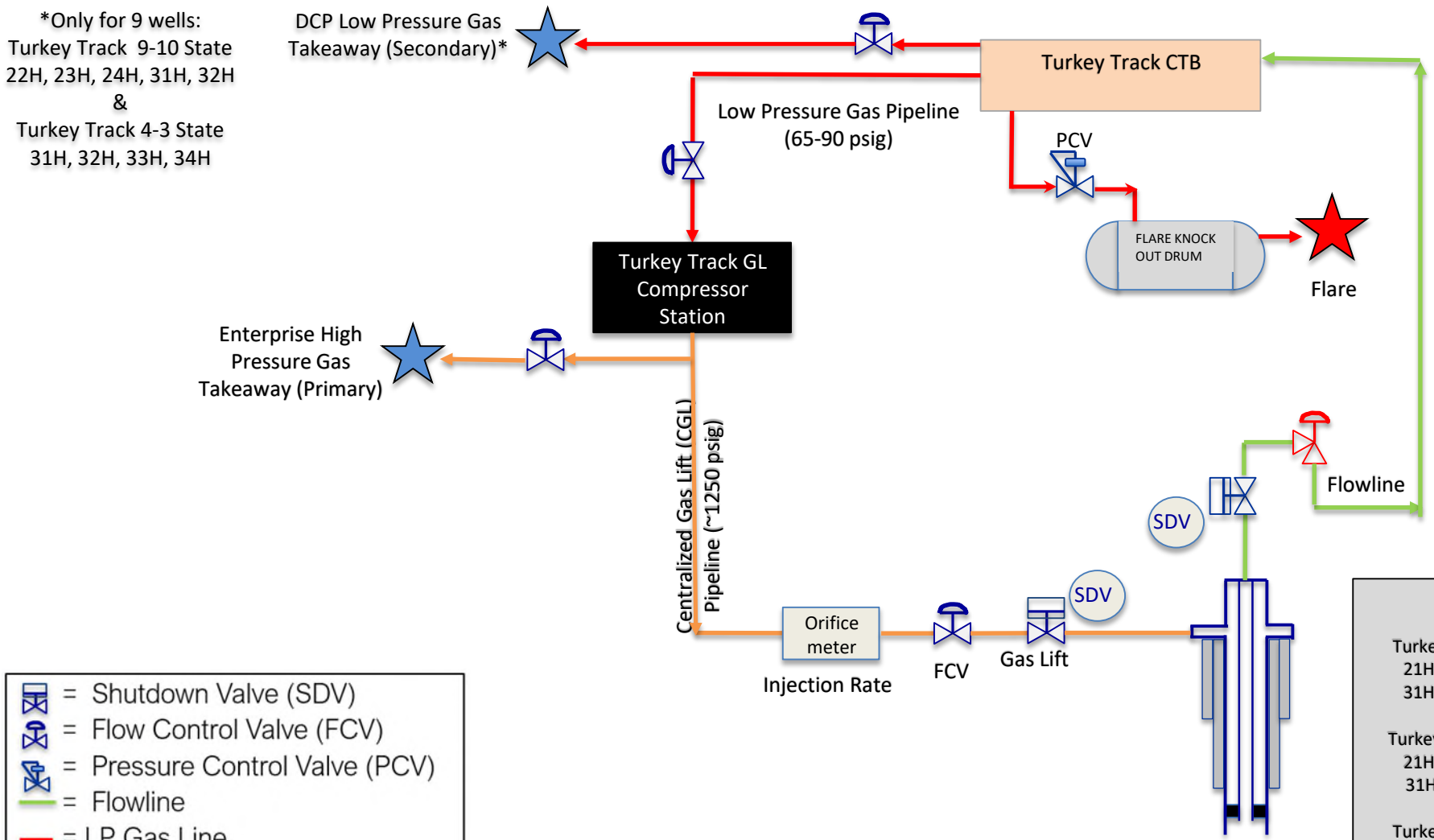


Facilities and Production

Facilities Map



Turkey Track Gas Process Flow Diagram



24 Wells:

Turkey Track 4-3 State
21H, 22H, 23H, 24H
31H, 32H, 33H, 34H

Turkey Track 9-10 State
21H, 22H, 23H, 24H
31H, 32H, 33H, 34H

Turkey Track 8-7 State
201H, 22H, 23H, 24H
31H, 32H, 33H, 34H

12 Well Candidates for Gas Storage

Turkey Track 4-3 State
21H, 22H, 23H, 24H

Turkey Track 9-10 State
21H, 22H, 23H, 24H

Turkey Track 8-7 State
201H, 22H, 23H, 24H

District I
1625 N. French Dr., Hobbs, NM 88240
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District IV
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Phone: (505) 476-3460 Fax: (505) 476-3462

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

JUL 25 2019
DISTRICT II-ARTESIA O.C.D.

Form C-102
Revised August 1, 2011
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☑ AMENDED REPORT
AS-DRILLED

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
30-015-44396	60660	TURKEY TRACK; BONE SPRING

Property Code	Property Name	Well Number
318404	TURKEY TRACK 4-3 STATE	21H

OGRID No.	Operator Name	Elevation
192463	OXY USA WTP LP	3414.8'

Surface Location

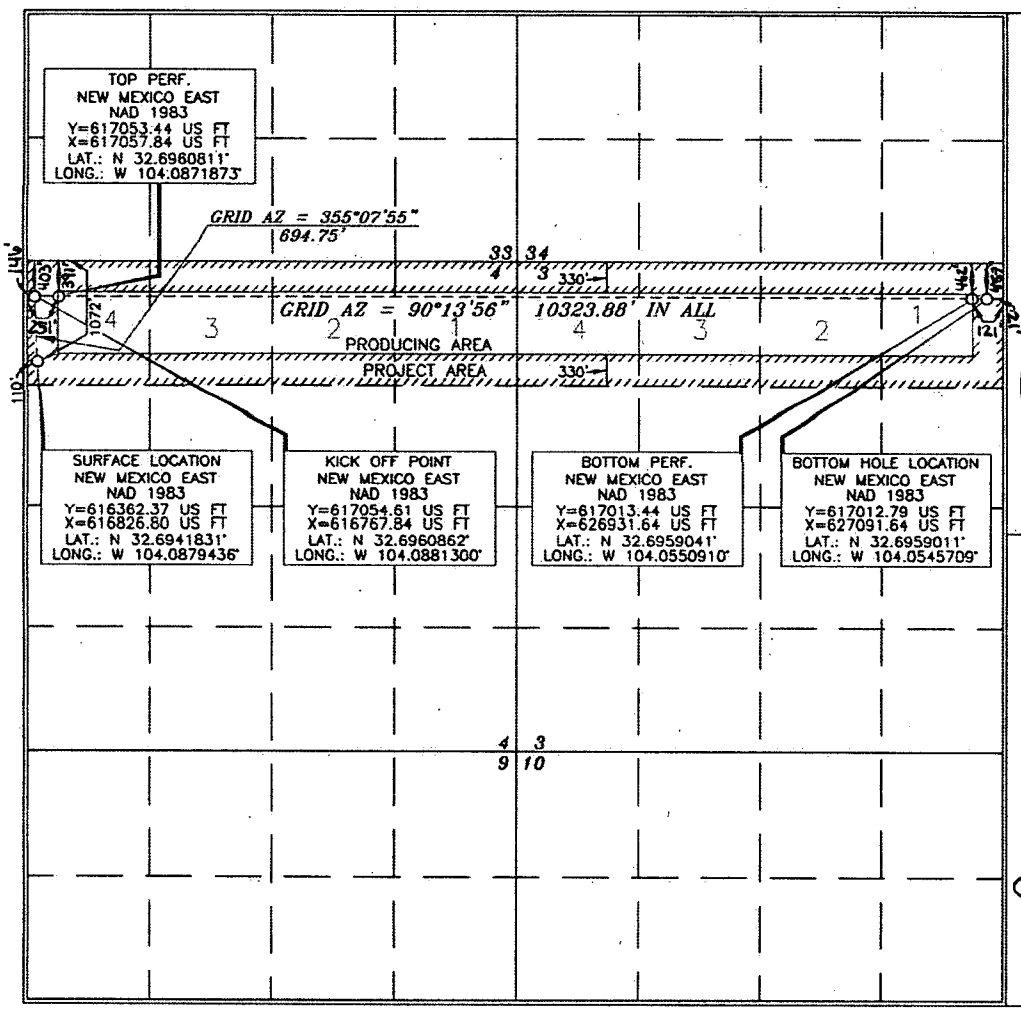
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
4	4	19 SOUTH	29 EAST, N.M.P.M.		1072'	NORTH	110'	WEST	EDDY

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
1	3	19 SOUTH	29 EAST, N.M.P.M.		457'	NORTH	21'	EAST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
323	Y		

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 unleased 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.

Signature 07/17/2019 Date

LESLIE REEVES
Printed Name

LESLIE_REEVES@OXY.COM
E-mail 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.

15079
JULY 12, 2017
Date of Survey

Signature and Seal of Professional Surveyor:

TERRY J. ASEL — NEW MEXICO — 15079 — REGISTERED PROFESSIONAL LAND SURVEYOR

7/22/2017

Certificate Number 15079

WO# 170712WL-o (KA)

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JUL 25 2019
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☑ AMENDED REPORT
As-Drilled

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
30-015-44537	60660	TURKEY TRACK; BONE SPRING

Property Code	Property Name	Well Number
318404	TURKEY TRACK 4-3 STATE	22H

OGRID No.	Operator Name	Elevation
192463	OXY USA WTP LP	3412.7'

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
4	4	19 SOUTH	29 EAST, N.M.P.M.		1107'	NORTH	110'	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	3	19 SOUTH	29 EAST, N.M.P.M.		1946'	NORTH	24'	EAST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
320	Y		

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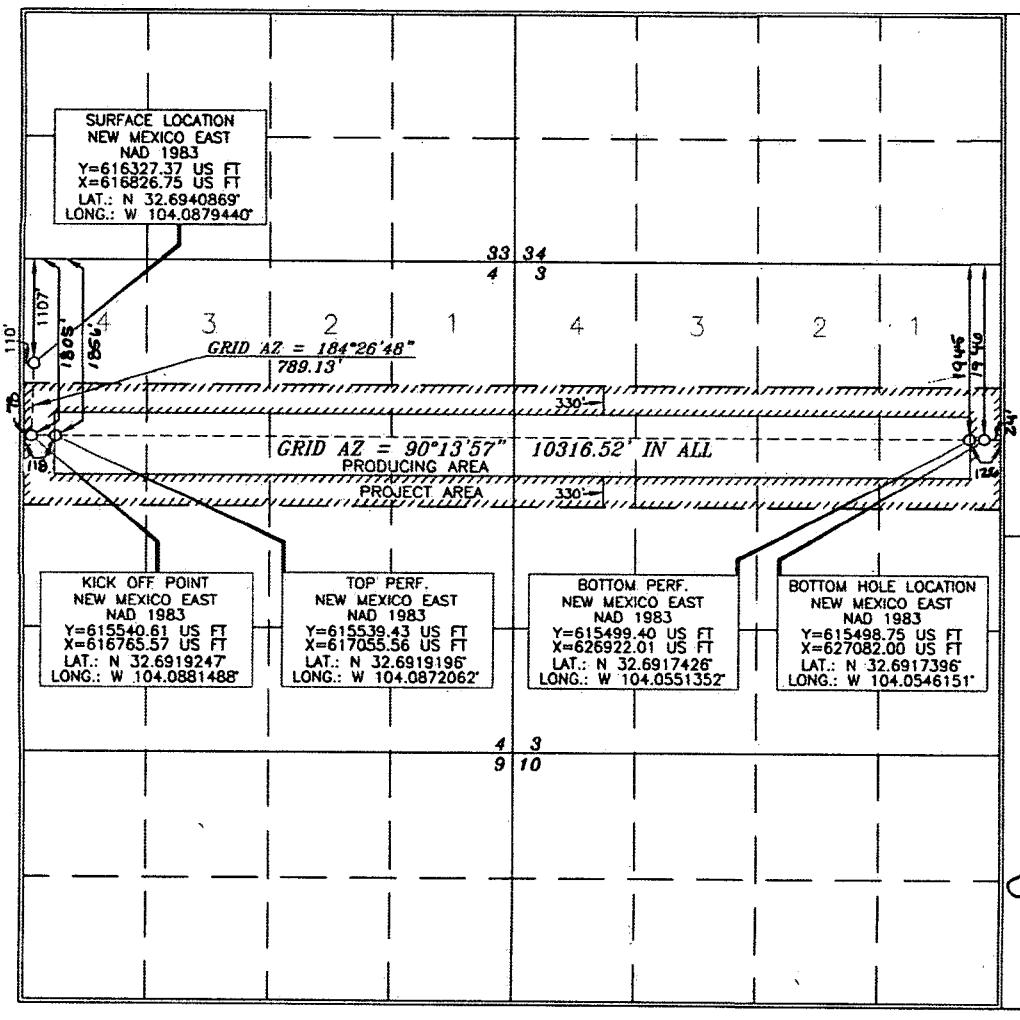

OPERATOR CERTIFICATION

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Leslie Reeves 7/18/19
Signature Date

LESLIE REEVES
Printed Name

LESLIE_REEVES@OXY.COM
E-mail 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.

JERRY J. ASEL
NEW MEXICO
15079
REGISTERED PROFESSIONAL LAND SURVEYOR

JULY 12, 2017
Date of Survey

Signature and Seal of Professional Surveyor

Jerry J. Asel 7/26/2017
Certificate Number 15079

WO# 170712WL-b (KA)

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AUG 01 2019

DISTRICT II-ARTESIA O.C.D.

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OIL CONSERVATION DIVISION
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Santa Fe, NM 87505

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As-Drilled

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
30-015-44517	60660	TURKEY TRACK; BONE SPRING

Property Code	Property Name	Well Number
318404	TURKEY TRACK "4-3" STATE	23H

OGRID No.	Operator Name	Elevation
192463	OXY USA WTP LP	3404.1'

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	4	19 SOUTH	29 EAST, N.M.P.M.		1660'	SOUTH	360'	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
I	3	19 SOUTH	29 EAST, N.M.P.M.		1790'	SOUTH	19'	EAST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
320			

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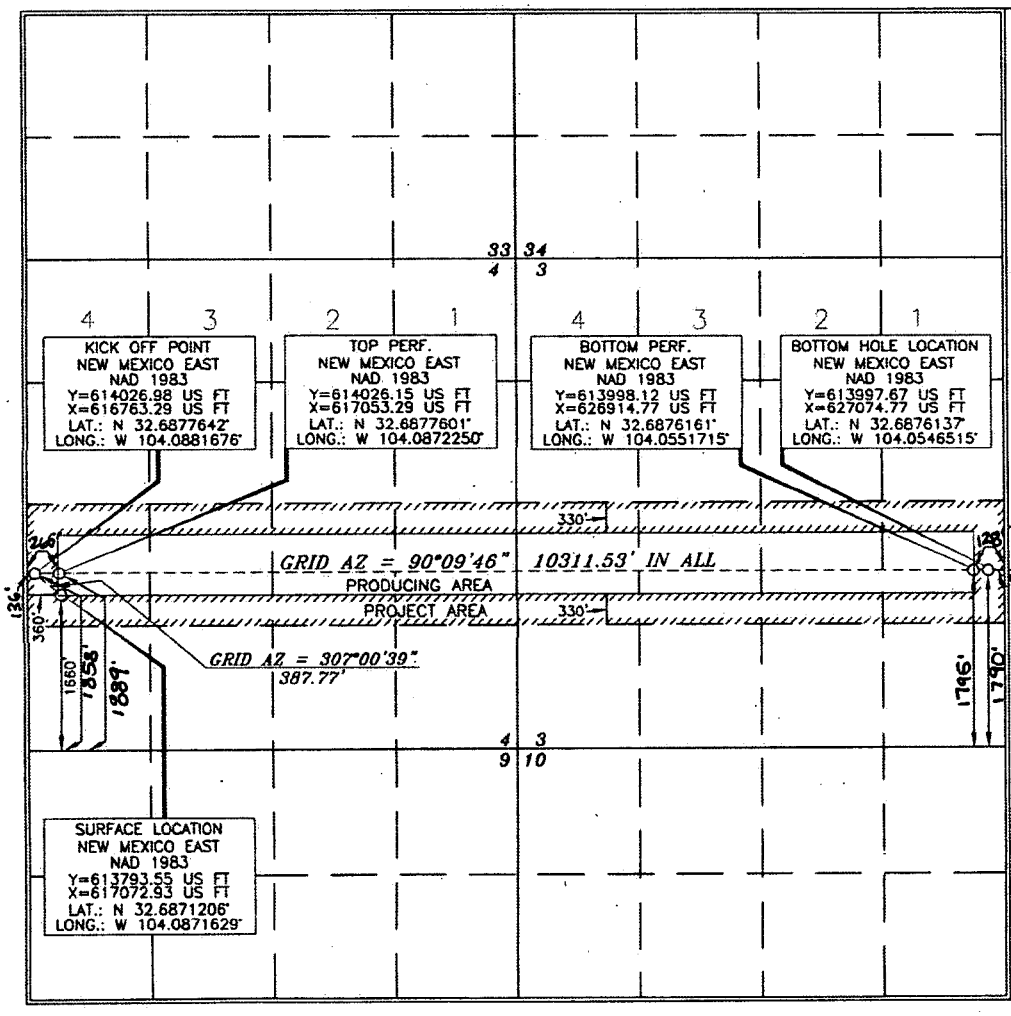

OPERATOR CERTIFICATION

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Leslie Reeves 07/26/2019
Signature Date

LESLIE REEVES
Printed Name

LESLIE_REEVES@OXY.COM
E-mail 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.

JERRY J. ASH
NEW MEXICO
15079
REGISTERED PROFESSIONAL LAND SURVEYOR

JULY 18, 2017
Date of Survey

Signature and Seal of Professional Surveyor:

Terry J. Asel 10/9/2017
Certificate Number 15079

WO# 170717WL-a (KA)

District I
1625 N. French Dr., Hobbs, NM 88240
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State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

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WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
30-015-44518	60660	TURKEY TRACK; BONE SPRING

Property Code	Property Name	Well Number
318404	TURKEY TRACK "4-3" STATE	24H

OGRID No.	Operator Name	Elevation
320	OXY USA WTP LP	3404.8'

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	4	19 SOUTH	29 EAST, N.M.P.M.		1625'	SOUTH	360'	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
P	3	19 SOUTH	29 EAST, N.M.P.M.		344'	SOUTH	20'	EAST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
320			

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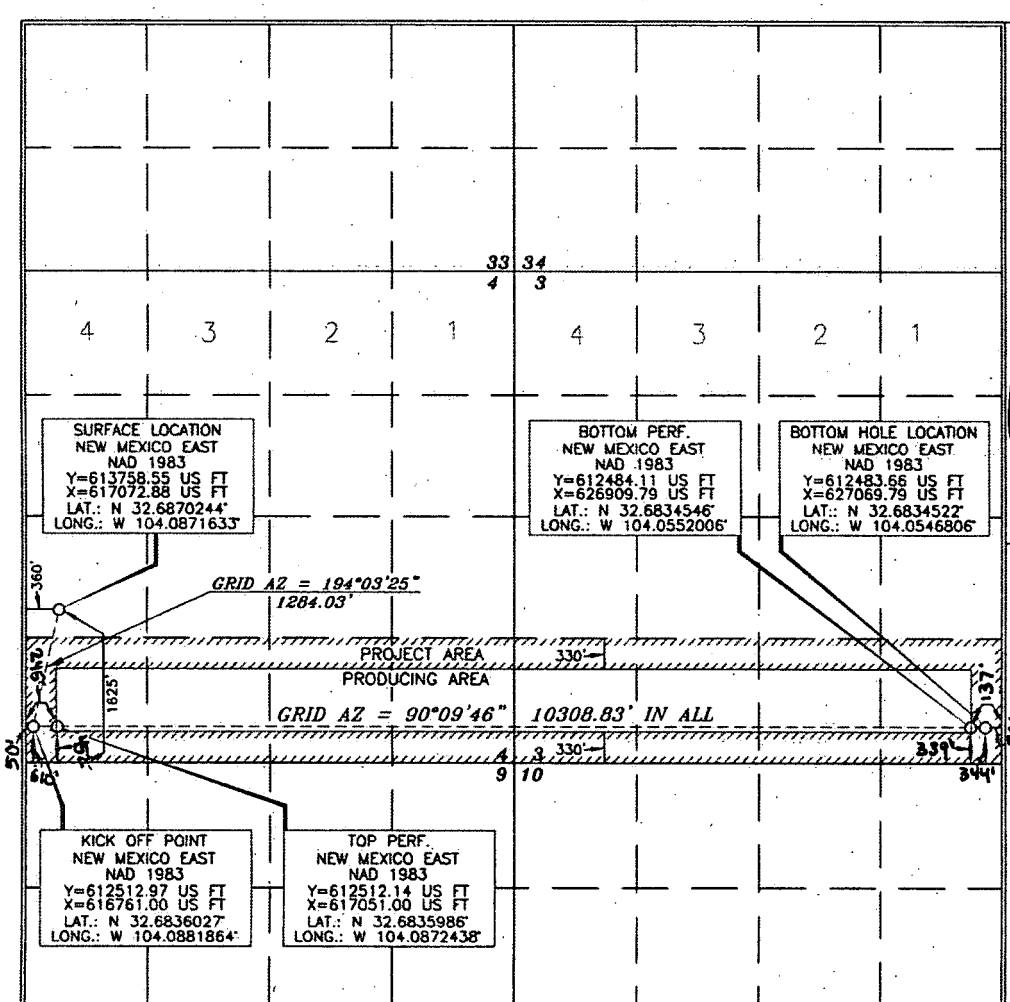

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Signature 07/26/2019 Date

LESLIE REEVES
Printed Name

LESLIE_REEVES@OXY.COM
E-mail 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.

JULY 12, 2017
Date of Survey

Signature and Seal of Professional Surveyor:

TERRY J. ASEL — NEW MEXICO — 15079 — REGISTERED PROFESSIONAL LAND SURVEYOR

10/9/2017

Certificate Number 15079

WO# 170717WL-b (KA)

NM OIL CONSERVATION
ARTESIA DISTRICT
MAR 05 2018

District I
1625 N. French Dr., Hobbs, NM 88240
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State of New Mexico
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OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

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(As-drilled)

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
30-015-44142	60660	Turkey Track; Bone Spring

Property Code	Property Name	Well Number
317664	TURKEY TRACK "8-7" STATE	22H

OGRID No.	Operator Name	Elevation
192463	OXY USA WTP LP	3392.6'

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	9	19 SOUTH	29 EAST, N.M.P.M.		1118'	NORTH	70'	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
2	7	19 SOUTH	29 EAST, N.M.P.M.		~~1848'~~ 1782	NORTH	~~180'~~ 185	WEST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	~~Order No.~~
312.82	Y		BP - 1778 FNL 373 FWL TP - 1850 FNL 356 FEL

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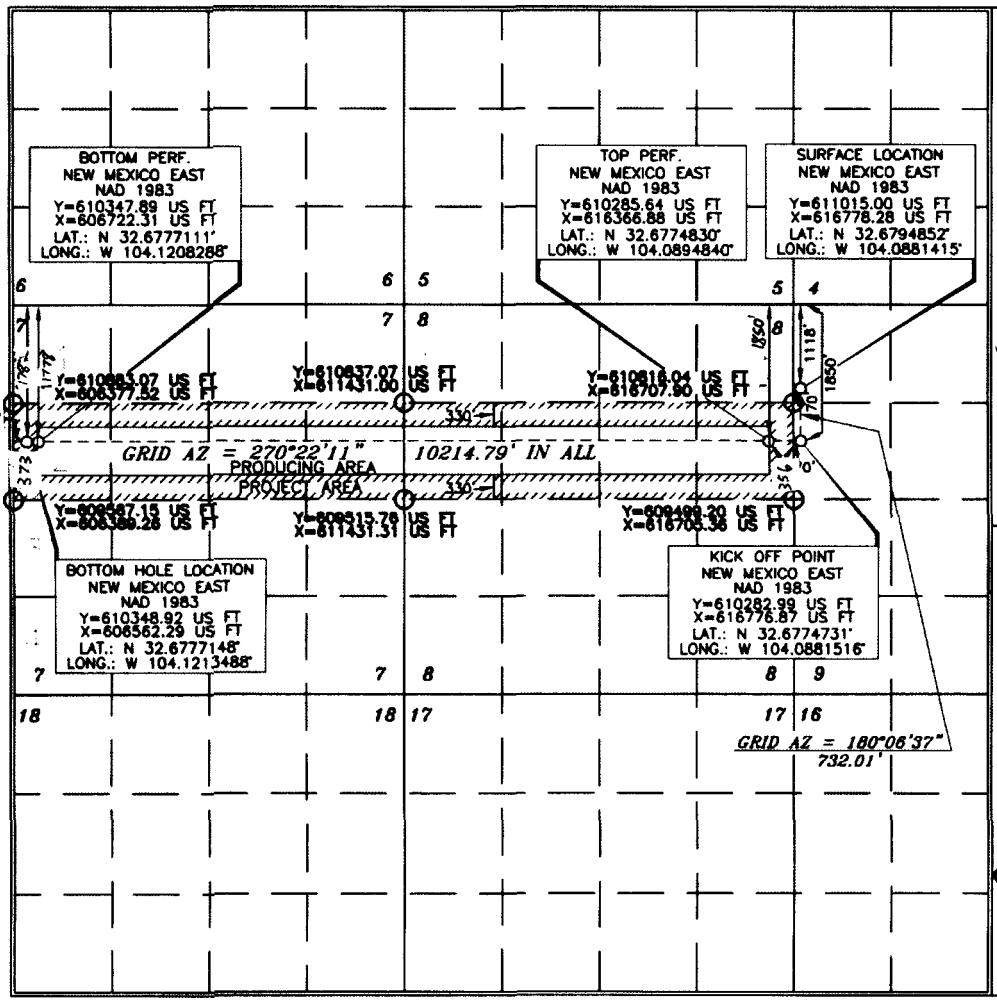

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Sarah Chap 2/28/18
Signature Date

Sarah Chapman
Printed Name

Sarah_chapman@oxy.com
E-mail 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.

15079
MARCH 2, 2017
Date of Survey

Signature and Seal of Professional Surveyor:

Terry J. Asel 3/23/2017
Certificate Number 15079

WO# 170302WL-c-XY (KA)

NM OIL CONSERVATION
ARTESIA DISTRICT
NOV 20 2017
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State of New Mexico
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OIL CONSERVATION DIVISION
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Santa Fe, NM 87505

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WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
30-015-44143	60660	TURKEY TRACK; BONE SPRING

Property Code	Property Name	Well Number
317664	TURKEY TRACK "8-7" STATE	23H

OGRID No.	Operator Name	Elevation
192463	OXY USA ~~INC~~ WTP LP	3381.0'

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	9	19 SOUTH	29 EAST, N.M.P.M.		1254'	SOUTH	195'	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
3	7	19 SOUTH	29 EAST, N.M.P.M.		~~1948'~~ 1999'	SOUTH	~~180'~~ 186'	WEST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	~~Order No.~~
312.78	Y		BOTTOM PERF 1999 FSL 435 FWL TOP PERF 1937 FSL 408 FEL

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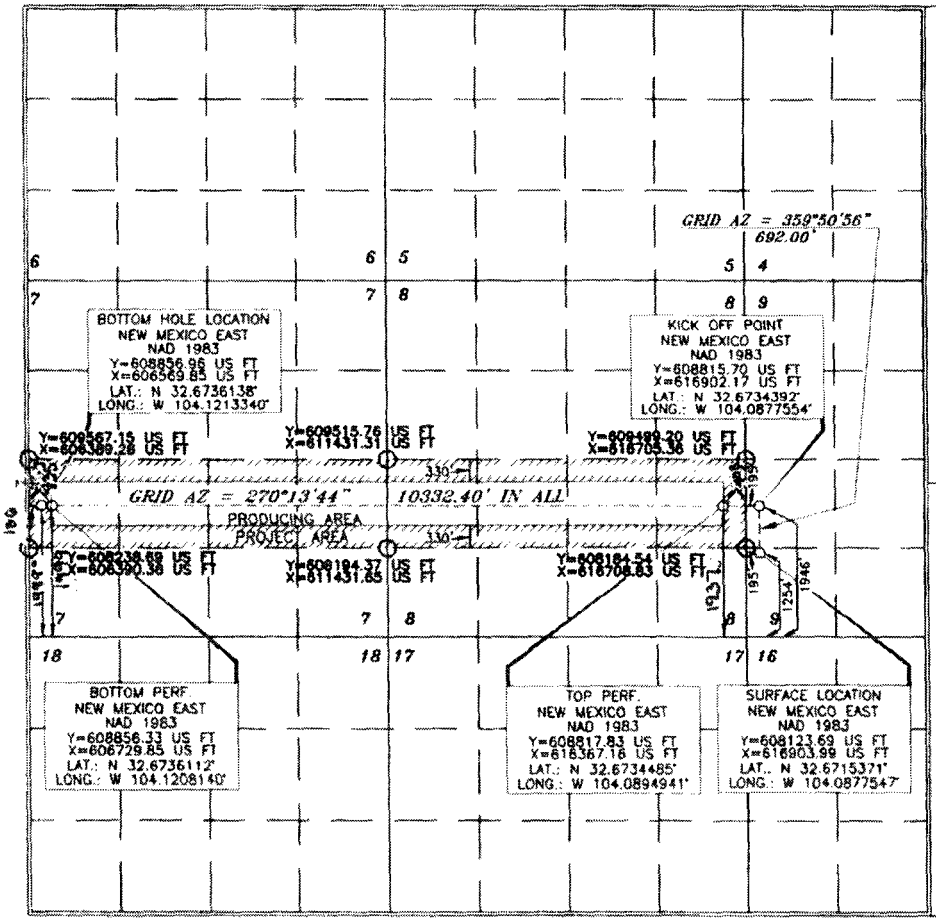

OPERATOR CERTIFICATION

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Taylor Stillman 11/20/17
Signature Date

Taylor Stillman
Printed Name

Taylor_Stillman@oxy.com
E-mail 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.

15079
MARCH 2, 2017
Date of Survey

Signature and Seal of Professional Surveyor

TERRY J. ASEL — NEW MEXICO — 15079 — PROFESSIONAL LAND SURVEYOR

Terry J. Asel 4/3/2017
Certificate Number 15079

WO# 170302WL-b-XY (KA)

NM OIL CONSERVATION
ARTESIA DISTRICT
NOV 20 2017
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WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
30-015-44145	60660	Turkey Track; Bone Spring

Property Code	Property Name	Well Number
317664	TURKEY TRACK "8-7" STATE	24H

OGRID No.	Operator Name	Elevation
192463	OXY USA ~~INC.~~ WTP LP	3379.7'

Surface Location

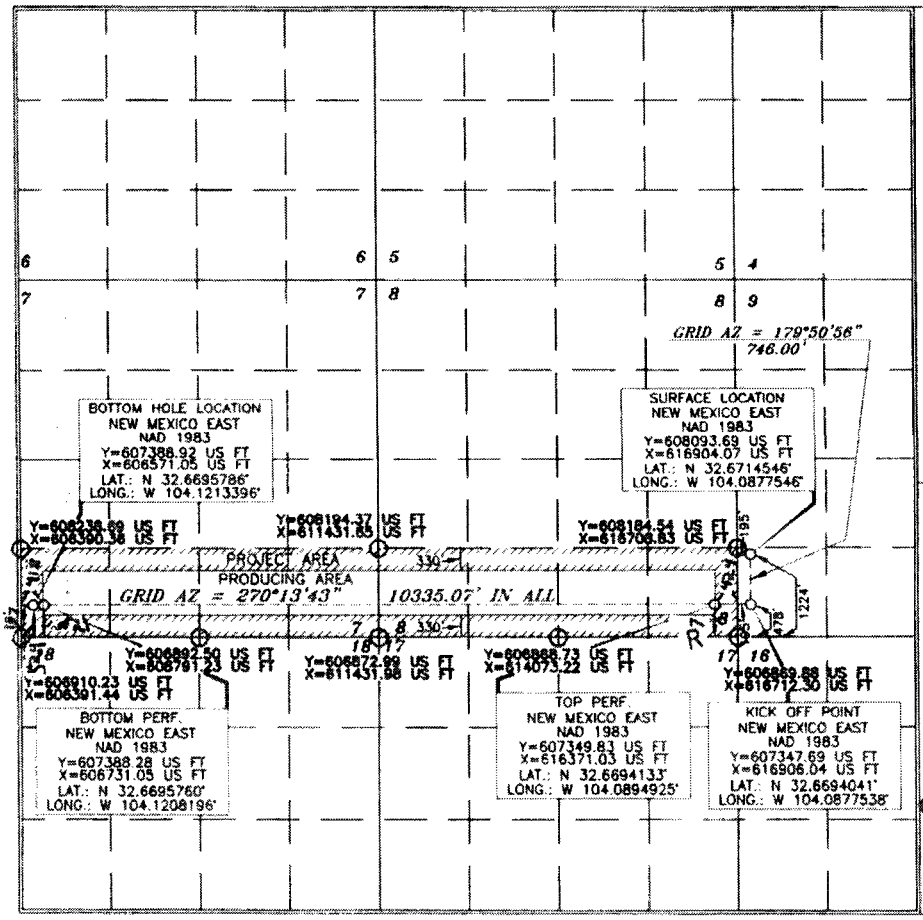
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	9	19 SOUTH	29 EAST, N.M.P.M.		1224'	SOUTH	195'	WEST	EDDY

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
4	7	19 SOUTH	29 EAST, N.M.P.M.		~~480'~~ 524'	SOUTH	~~190'~~ 187'	WEST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
312.72	Y		Bottom perf - 521 FSL 418 FWL Top Perf - 477 FSL 424 FEL

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 unleased 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.

Justin Morris 11/20/17
Signature Date

Justin Morris
Printed Name

jcmor@vrnick.edu
E-mail 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.

15079
MARCH 2, 2017
Date of Survey

Signature and Seal of Professional Surveyor:

Terry J. Asel 4/7/2017
Certificate Number 15079

WO# 170302WL-a-XY (KA)

NM OIL CONSERVATION
ARTESIA DISTRICT
AUG 26 2019

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
AS-DRILLED

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
30-015-45681	60660	TURKEY TRACK; BONE SPRING

Property Code	Property Name	Well Number
317700	TURKEY TRACK "8_7" STATE	201H

OGRID No.	Operator Name	Elevation
192463	OXY USA WTP LP	3396.3'

Surface Location

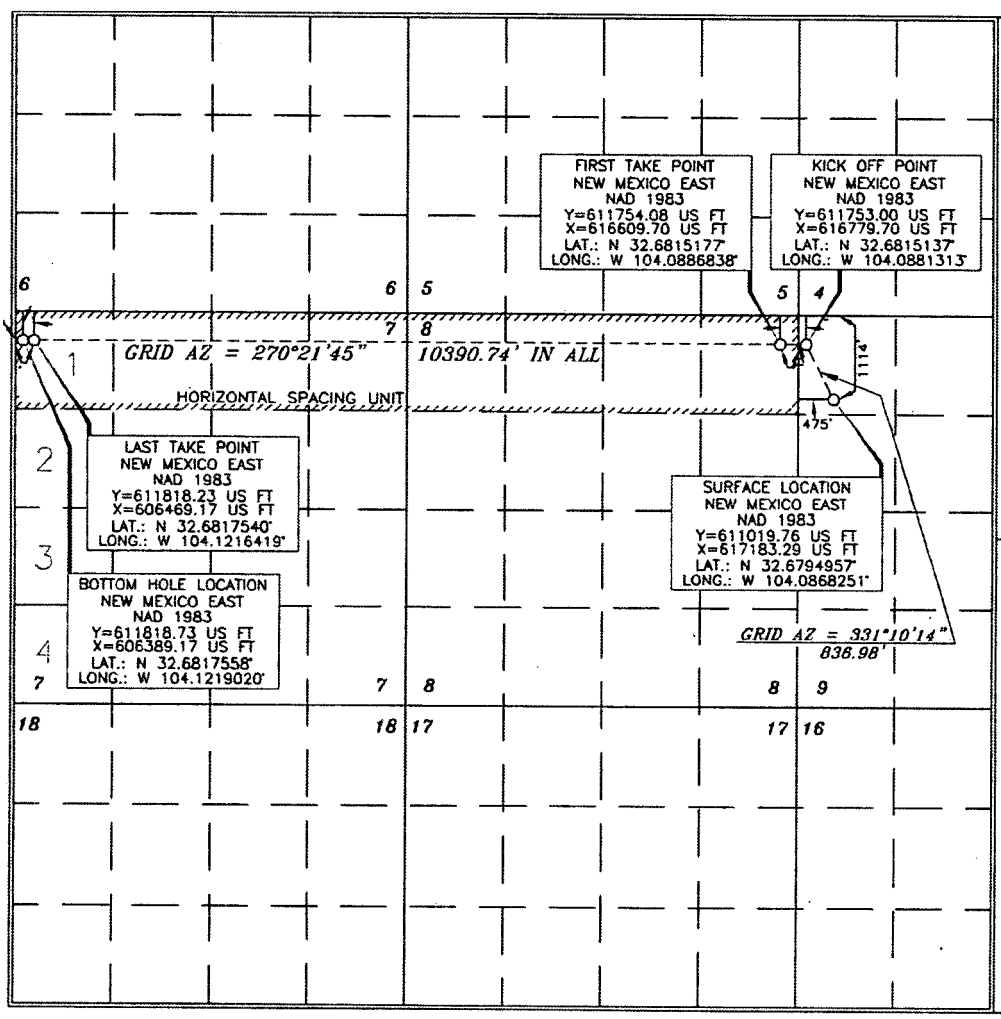
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	9	19 SOUTH	29 EAST, N.M.P.M.		1114'	NORTH	475'	WEST	EDDY

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
1	7	19 SOUTH	29 EAST, N.M.P.M.		345'	NORTH	25'	WEST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
320			FTP: 402'FNL 149'FEL LTP: 346'FNL 139'FWL

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 unleased 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.

Signature 8/23/19 Date

LESLIE REEVES
Printed Name

LESLIE_REEVES@OXY.COM
E-mail 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.

JERRY J. ASEL
NEW MEXICO
15079
PROFESSIONAL LAND SURVEYOR

NOVEMBER 27, 2018
Date of Survey

Signature and Seal of Professional Surveyor:

12/26/2018

Certificate Number 15079

WO# 181127WL-a (KA)

NM OIL CONSERVATION
ARTESIA DISTRICT
OCT 18 2017

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

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Form C-102
Revised August 1, 2011
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☑ AMENDED REPORT
(As-drilled)

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
30-015-44117	60660	Turkey Track; Bone Spring

Property Code	Property Name	Well Number
317560	TURKEY TRACK "9-10" STATE	21H

OGRID No.	Operator Name	Elevation
192463	OXY USA ~~INC~~ WTP LP	3394.8'

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	8	19 SOUTH	29 EAST, N.M.P.M.		2120'	NORTH	395'	EAST	EDDY

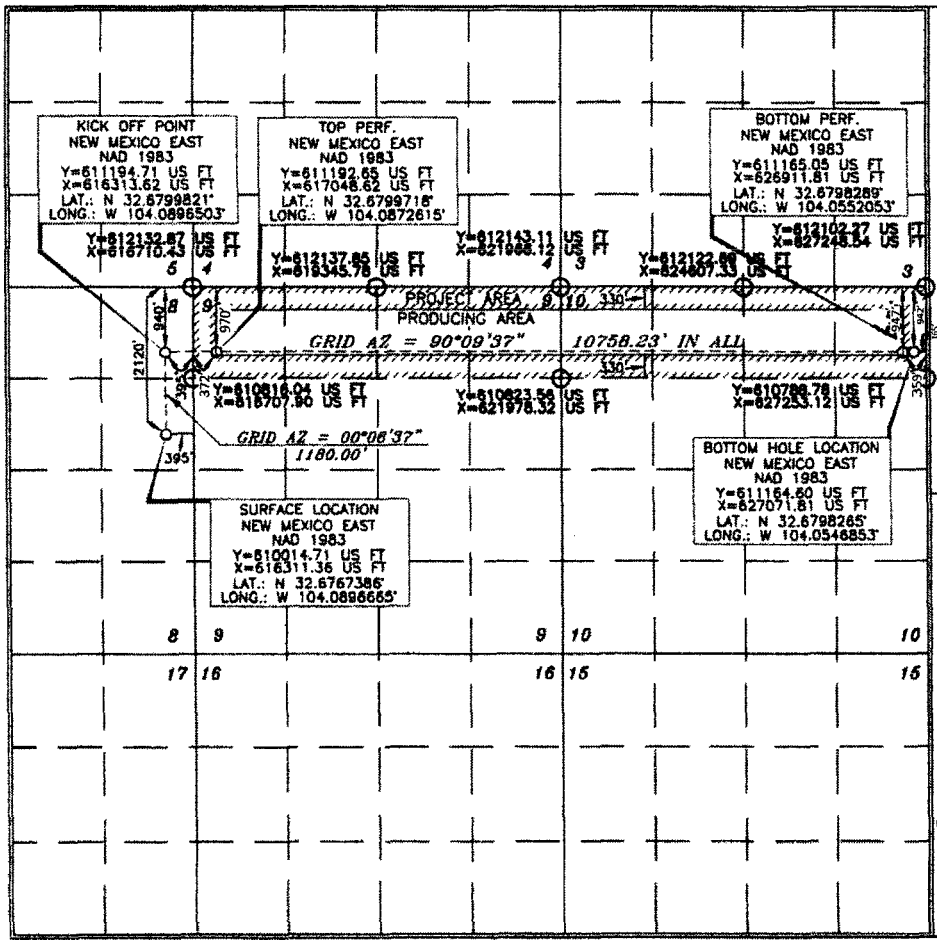
Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	10	19 SOUTH	29 EAST, N.M.P.M.		~~990'~~ 992'	NORTH	~~180'~~ 165'	EAST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	~~Order No.~~
320	Y		

Bottom perf - 947 FNL 359 FEL
Top perf - 970 FNL 372 FWL

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 unleased 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.

Justin Morris 10/16/17
Signature Date

Justin Morris
Printed Name

Justin_Morris@oxy.com
E-mail 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.

15079
MARCH 1, 2017
Date of Survey

Signature and Seal of Professional Surveyor

Terry J. Asel 3/7/2017
Certificate Number 15079

WO# 170301WL-a-XY (KA)

NM OIL CONSERVATION
ARTESIA DISTRICT
OCT 18 2017

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
30-015-44122	60660	Turkey Track ; Bone Spring

Property Code	Property Name	Well Number
317560	TURKEY TRACK "9-10" STATE	22H

OGRID No.	Operator Name	Elevation
192463	OXY USA ~~INC.~~ WTP LP	3394.9'

Surface Location

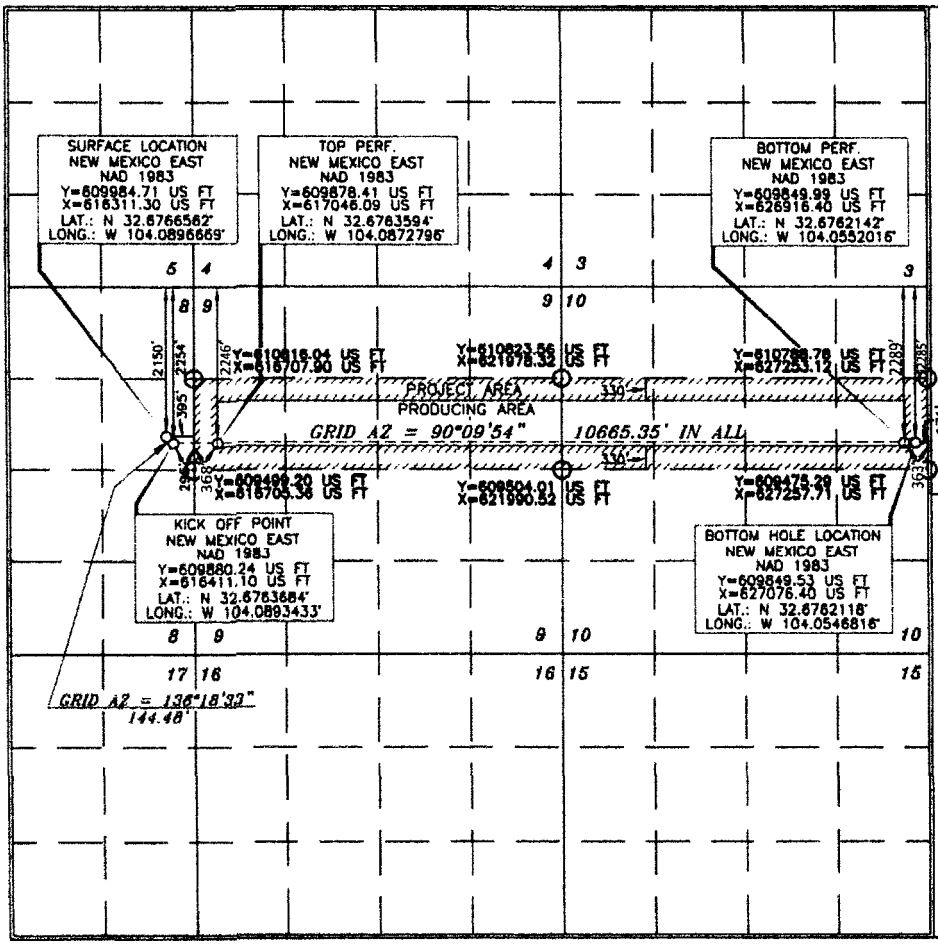
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	8	19 SOUTH	29 EAST, N.M.P.M.		2150'	NORTH	395'	EAST	EDDY

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	10	19 SOUTH	29 EAST, N.M.P.M.		~~2264'~~ 2285'	NORTH	~~180'~~ 171'	EAST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	~~Order No.~~
320	Y		Bottom Perf - 2289 FNL 363 FEL Top Perf - 2246 FNL 368 FWL

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 unleased 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.

Signature — Date: 10/16/17

Justin Morris
Printed Name

Justin_Morris@oxy.com
E-mail 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.

15079
MARCH 1, 2017
Date of Survey

Signature and Seal of Professional Surveyor:
TERRY J. ASEL — NEW MEXICO — 15079 — PROFESSIONAL LAND SURVEYOR

3/7/2017

Certificate Number 15079

WO# 170301WL-b-XY (KA)

NM OIL CONSERVATION
ARTESIA DISTRICT
DEC 18 2017
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12-20-17 DC

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
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State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

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

☑ AMENDED REPORT
(As-drilled)

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
30-015-44154	60660	Turkey Track; Bone Spring

Property Code	Property Name	Well Number
317701	TURKEY TRACK "9-10" STATE	23H

OGRID No.	Operator Name	Elevation
192463	OXY USA ~~INC.~~ WTP LP	3388.2'

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	8	19 SOUTH	29 EAST, N.M.P.M.		1195'	SOUTH	220'	EAST	EDDY

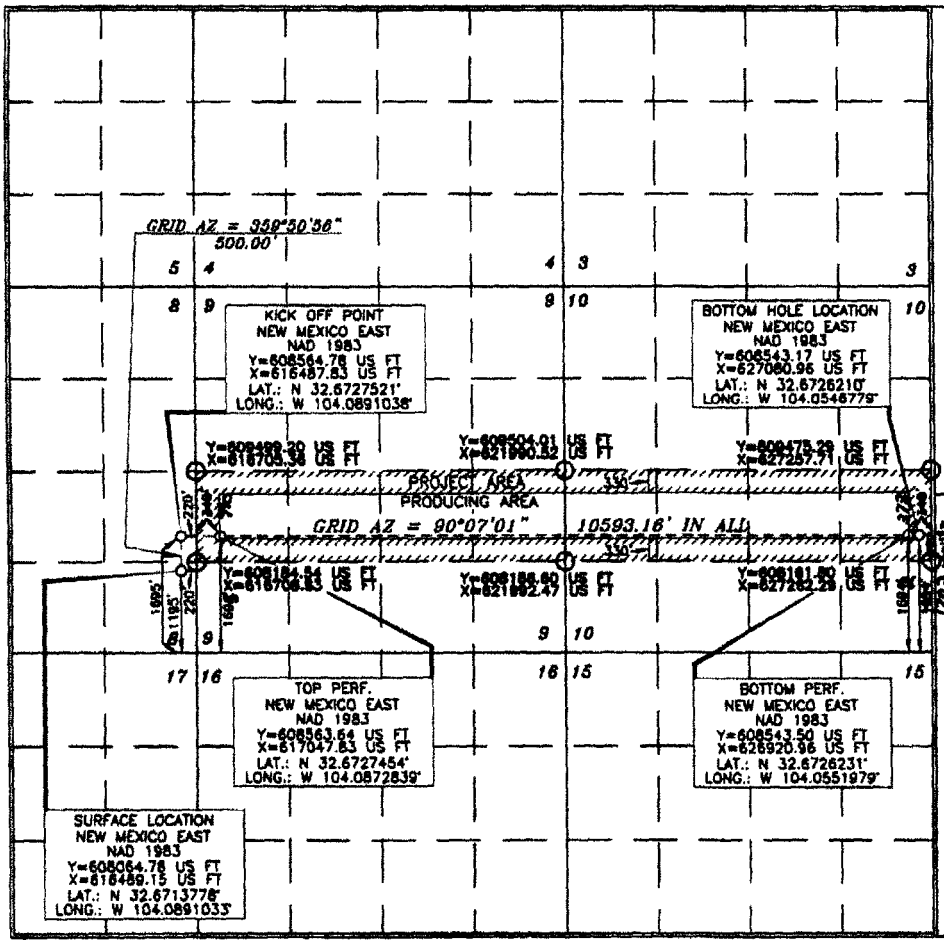
Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	10	19 SOUTH	29 EAST, N.M.P.M.		~~1694'~~ 1703	SOUTH	~~180'~~ 198	EAST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	~~Order No.~~
320	Y		

TP: 1695' FSL 490' FWL
BP: 1692' FSL 373' FEL

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

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Signature Date: 12/14/17

Justin Morris
Printed Name

Justin_Morris@oxy.com
E-mail 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.

15079
MARCH 10, 2017
Date of Survey

Signature and Seal of Professional Surveyor

NEW MEXICO
JERRY J. ASEL
15079
REGISTERED PROFESSIONAL LAND SURVEYOR

Certificate Number 15079

WO# 170310WL-b-XY (KA)

NM OIL CONSERVATION
ARTESIA DISTRICT
DEC 18 2017
RECEIVED

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

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

☑ AMENDED REPORT
(As-drilled)

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
30-015-44156	60660	Turkey Track; Bone Spring

Property Code	Property Name	Well Number
317701	TURKEY TRACK "9-10" STATE	24H

OGRID No.	Operator Name	Elevation
192463	OXY USA ~~INC.~~ WTP LP	3388.4'

Surface Location

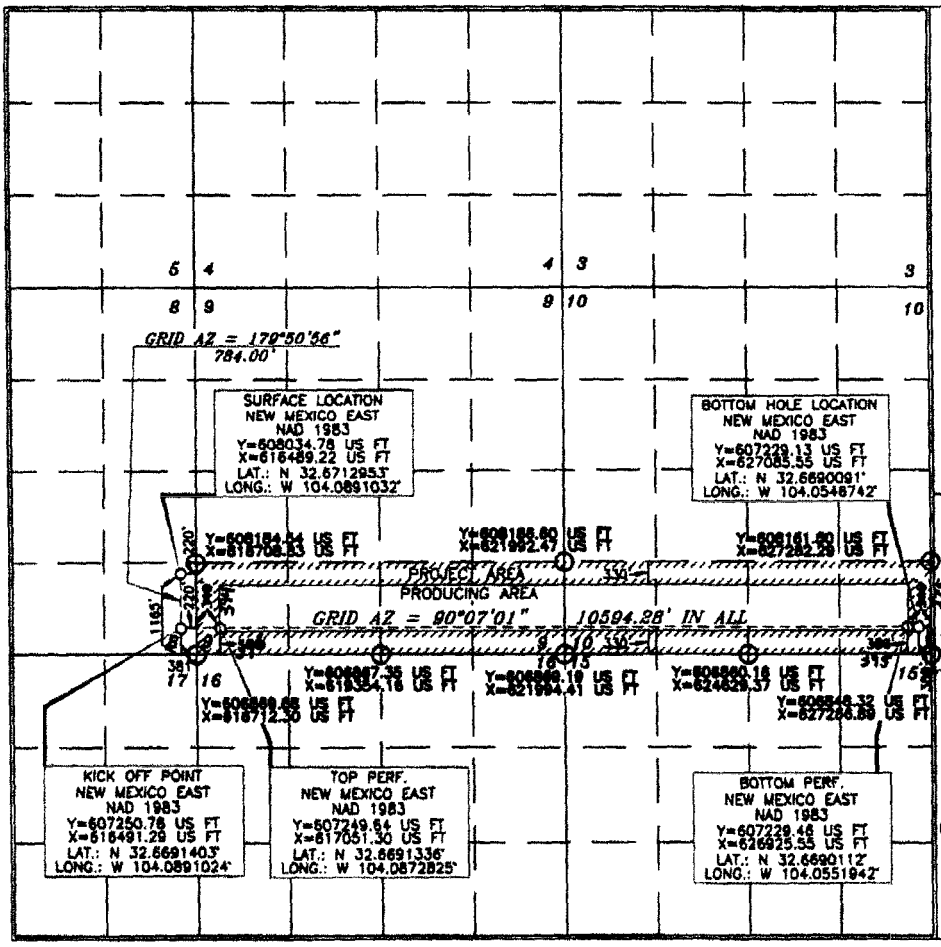
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	8	19 SOUTH	29 EAST, N.M.P.M.		1165'	SOUTH	220'	EAST	EDDY

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
P	10	19 SOUTH	29 EAST, N.M.P.M.		~~990'~~ 329	SOUTH	~~180'~~ 303	EAST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	~~Order No.~~
320	Y		TP: 396' FSL 394' FWL BP: 395' FSL 375' FEL

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

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Signature Date 12/14/17

Justin Morris
Printed Name

Justin_Morris@oxy.com
E-mail 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.

TERRY J. ASEL
NEW MEXICO
15079
PROFESSIONAL LAND SURVEYOR

MARCH 6, 2017
Date of Survey

Signature and Seal of Professional Surveyor

4/19/2017

Certificate Number 15079

WO# 170306WL-b-XY (KA)

Side 1

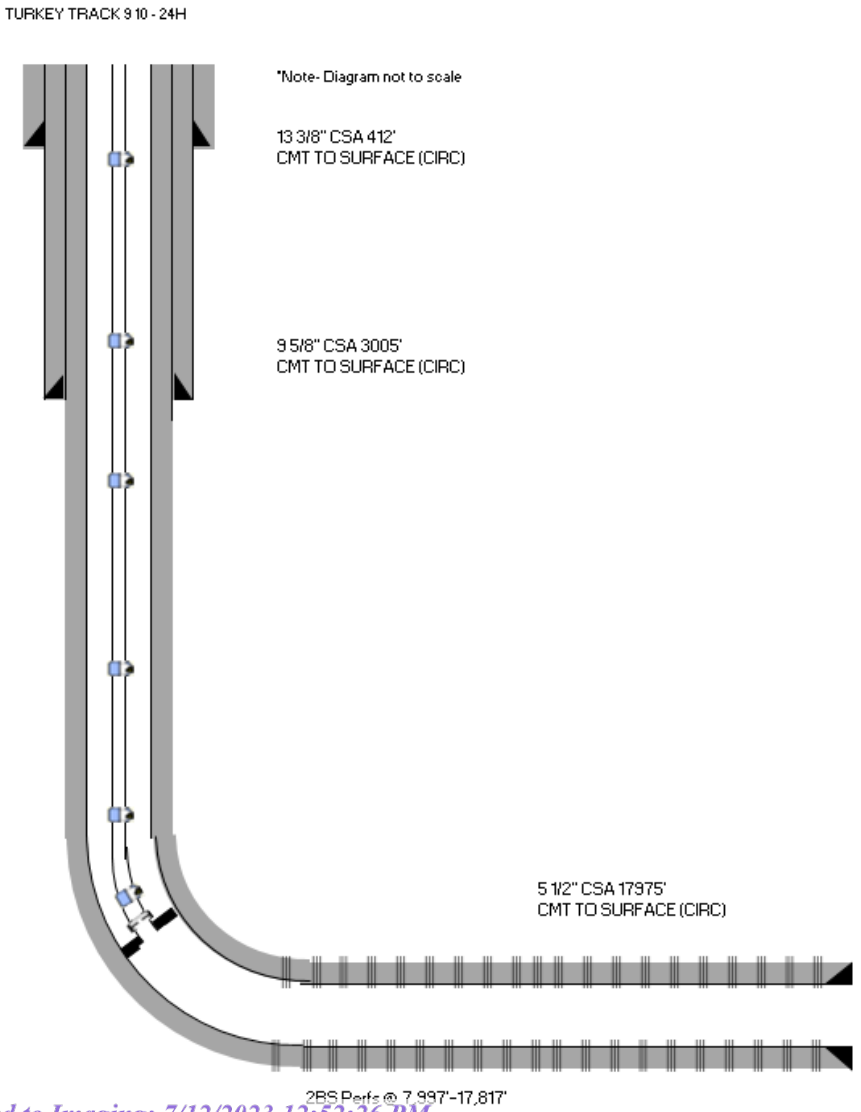
INJECTION WELL DATA SHEET

OPERATOR: OXY USA WTP LIMITED PARTNERSHIP

WELL NAME & NUMBER: TURKEY TRACK 9 10 STATE #024H 30-015-44156

WELL LOCATION:	1165 FSL 220 FEL	P	8	19S	29E
	FOOTAGE LOCATION	UNIT LETTER	SECTION	TOWNSHIP	RANGE

WELLBORE SCHEMATIC



WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 17.5" Casing Size: 13.375"

Cemented with: 685 sx. ***or*** _____ ft^3

Top of Cement: SURFACE Method Determined: CIRC

Intermediate Casing

Hole Size: 12.25" Casing Size: 9.625"

Cemented with: 1070 sx. ***or*** _____ ft^3

Top of Cement: SURFACE Method Determined: CIRC

Production Casing

Hole Size: 8.5" Casing Size: 5.5"

Cemented with: 2734 sx. ***or*** _____ ft^3

Top of Cement: SURFACE Method Determined: CIRC

Total Depth: 17,935' MD / 7,953' TVD

Injection Interval

7,997' MD/ 7,799' TVD (Perforated) feet to 17,816' MD/ 7,947' TVD (Perforated)

(Perforated or Open Hole; indicate which)

Side 2

INJECTION WELL DATA SHEET

Tubing Size: 2-7/8" Lining Material: None

Type of Packer: HORNET PACKER

Packer Setting Depth: 7539' MD / 7430' TVD

Other Type of Tubing/Casing Seal (if applicable): _____

Additional Data

1. Is this a new well drilled for injection? _____Yes X_____No

   If no, for what purpose was the well originally drilled? _____
   PRODUCER - OIL

2. Name of the Injection Formation: 2ND BONE SPRING

3. Name of Field or Pool (if applicable): [60660] TURKEY TRACK; BONE SPRING

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. _____
   N/A

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: _____
   OVERLYING: 1ST BONE SPRING SAND - TOP 6803' TVD

   UNDERLYING: 3RD BONE SPRING SAND - TOP 8660' TVD

Side 1

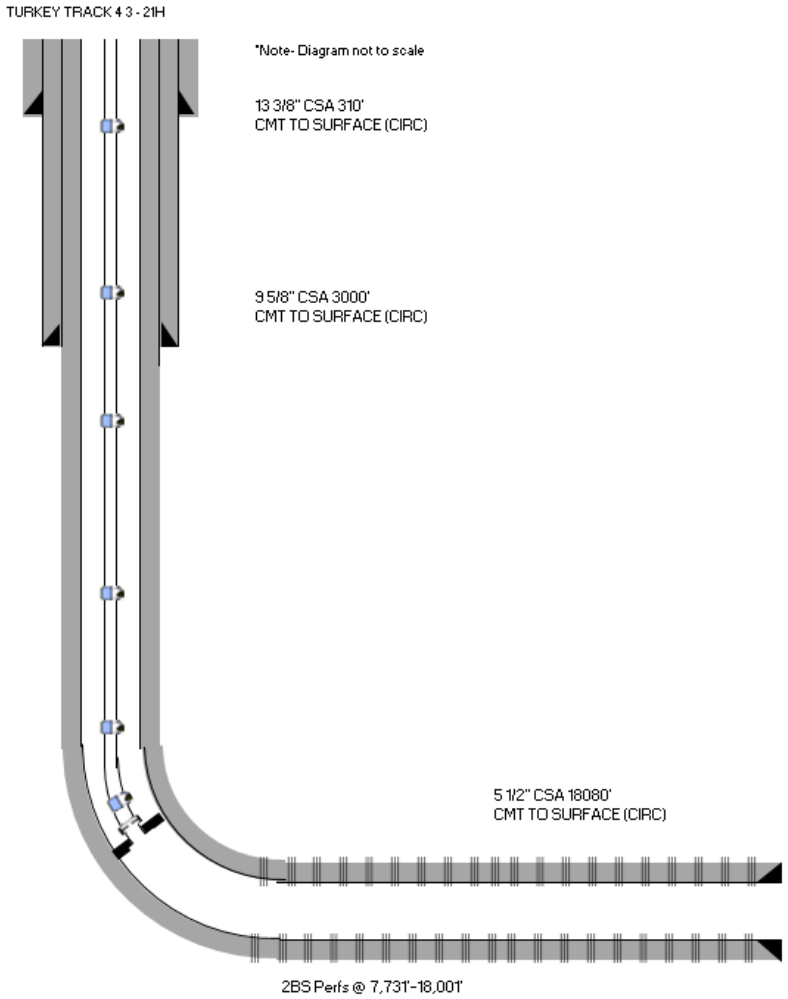
INJECTION WELL DATA SHEET

OPERATOR: OXY USA WTP LIMITED PARTNERSHIP

WELL NAME & NUMBER: TURKEY TRACK 4 3 STATE #021H 30-015-44396

WELL LOCATION:	1072 FNL 110 FWL	D	4	19S	29E
	FOOTAGE LOCATION	UNIT LETTER	SECTION	TOWNSHIP	RANGE

WELLBORE SCHEMATIC



WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 17.5 Casing Size: 13.375

Cemented with: 490 sx. ***or*** _____ ft^3

Top of Cement: SURFACE Method Determined: CIRC

Intermediate Casing

Hole Size: 12.25 Casing Size: 9.625

Cemented with: 829 sx. ***or*** _____ ft^3

Top of Cement: SURFACE Method Determined: CIRC

Production Casing

Hole Size: 8.5 Casing Size: 5.5

Cemented with: 2736 sx. ***or*** _____ ft^3

Top of Cement: SURFACE Method Determined: CIRC

Total Depth: 18,034' MD / 7,954' TVD

Injection Interval

7,731' MD/ 7,648' TVD (Perforated) feet to 18,001' MD/ 7,954' TVD (Perforated)

(Perforated or Open Hole; indicate which)

Side 2

INJECTION WELL DATA SHEET

Tubing Size: 2-7/8" Lining Material: None

Type of Packer: ASX-1 PACKER - 5.500"

Packer Setting Depth: 7601' MD / 7533' TVD

Other Type of Tubing/Casing Seal (if applicable): _____

Additional Data

1. Is this a new well drilled for injection? _____Yes X_____No

   If no, for what purpose was the well originally drilled? _____
   PRODUCER - OIL

2. Name of the Injection Formation: 2ND BONE SPRING

3. Name of Field or Pool (if applicable): [60660] TURKEY TRACK; BONE SPRING

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. _____
   N/A

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: _____
   OVERLYING: 1ST BONE SPRING SAND - TOP 6698' TVD

   UNDERLYING: 3RD BONE SPRING SAND - TOP 8586' TVD

Side 1

INJECTION WELL DATA SHEET

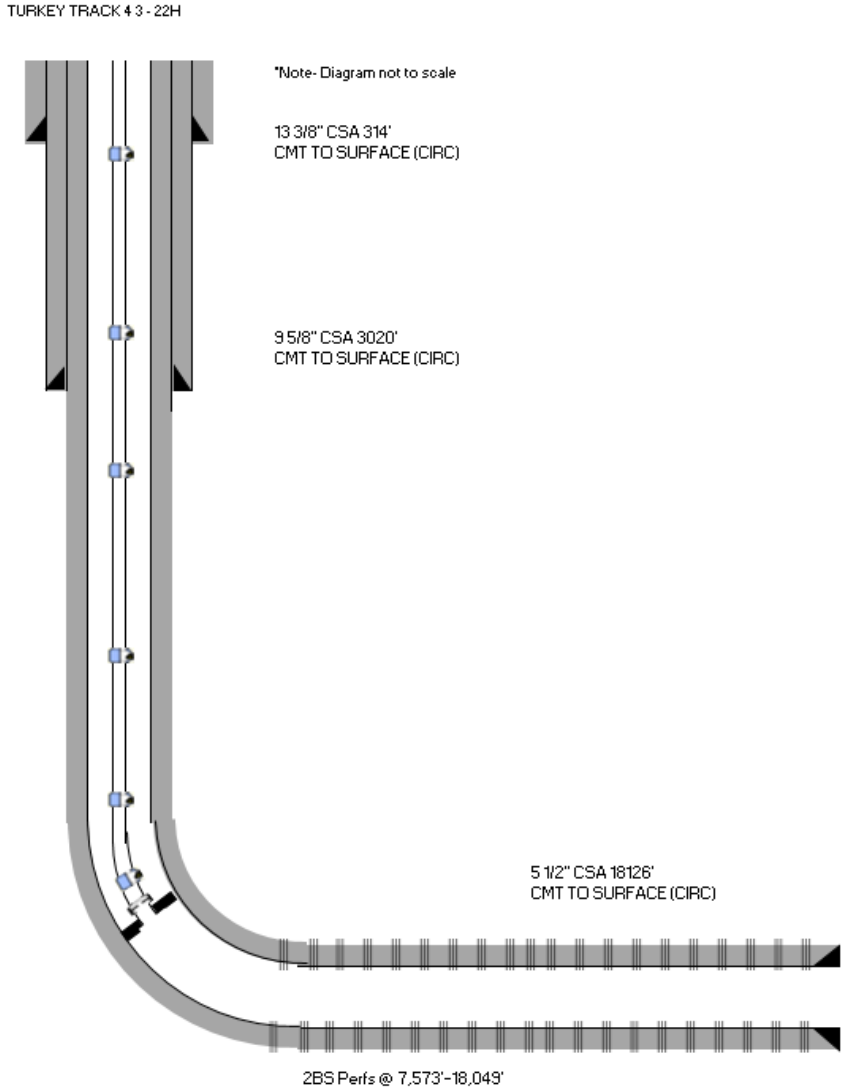
OPERATOR: OXY USA WTP LIMITED PARTNERSHIP

WELL NAME & NUMBER: TURKEY TRACK 4 3 STATE #022H 30-015-44537

WELL LOCATION: 1107 FNL 110 FWL | D | 4 | 19S | 29E

FOOTAGE LOCATION | UNIT LETTER | SECTION | TOWNSHIP | RANGE

WELLBORE SCHEMATIC



WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 17.5" Casing Size: 13.375"

Cemented with: 490 sx. ***or*** _____ ft^3

Top of Cement: SURFACE Method Determined: CIRC

Intermediate Casing

Hole Size: 12.25" Casing Size: 9.625"

Cemented with: 829 sx. ***or*** _____ ft^3

Top of Cement: SURFACE Method Determined: CIRC

Production Casing

Hole Size: 8.5" Casing Size: 5.5"

Cemented with: 2716 sx. ***or*** _____ ft^3

Top of Cement: SURFACE Method Determined: CIRC

Total Depth: 18,080' MD / 7,957' TVD

Injection Interval

7,573' MD/ 7,505' TVD (Perforated) feet to 18,048' MD/ 7,957' TVD (Perforated)

(Perforated or Open Hole; indicate which)

Side 2

INJECTION WELL DATA SHEET

Tubing Size: 2-7/8" Lining Material: None

Type of Packer: AS1X WATSON PACKER - 5.500"

Packer Setting Depth: 7498' MD / 7433' TVD

Other Type of Tubing/Casing Seal (if applicable): _____

Additional Data

1. Is this a new well drilled for injection? _____Yes X_____No

   If no, for what purpose was the well originally drilled? PRODUCER - OIL

2. Name of the Injection Formation: 2ND BONE SPRING

3. Name of Field or Pool (if applicable): [60660] TURKEY TRACK; BONE SPRING

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. N/A

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: OVERLYING: 1ST BONE SPRING SAND - TOP 6745' TVD

   UNDERLYING: 3RD BONE SPRING SAND - TOP 8540' TVD

Side 1

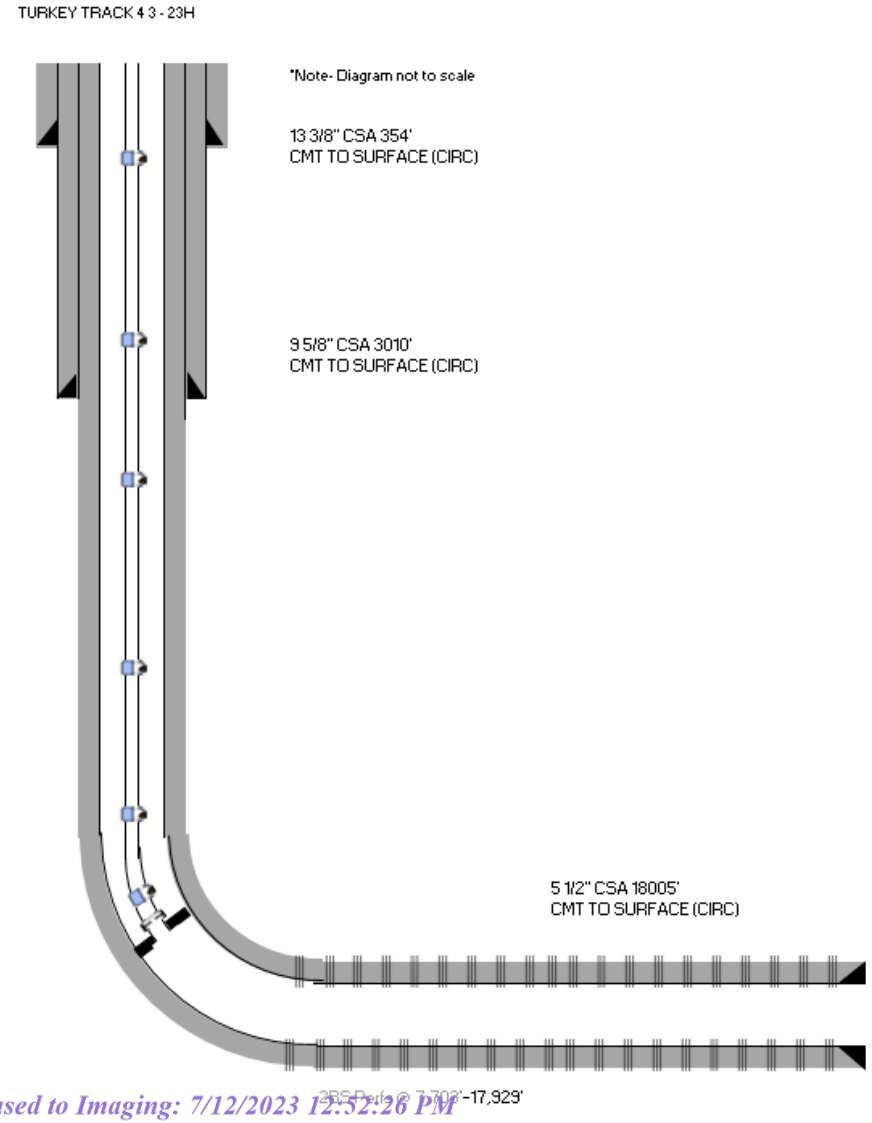
INJECTION WELL DATA SHEET

OPERATOR: OXY USA WTP LIMITED PARTNERSHIP

WELL NAME & NUMBER: TURKEY TRACK 4 3 STATE #023H 30-015-44517

WELL LOCATION:	1660 FSL 360 FWL	L	4	19S	29E
	FOOTAGE LOCATION	UNIT LETTER	SECTION	TOWNSHIP	RANGE

WELLBORE SCHEMATIC



WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 17.5" Casing Size: 13.375"

Cemented with: 490 sx. ***or*** _____ ft^3

Top of Cement: SURFACE Method Determined: CIRC

Intermediate Casing

Hole Size: 12.25" Casing Size: 9.625"

Cemented with: 770 sx. ***or*** _____ ft^3

Top of Cement: SURFACE Method Determined: CIRC

Production Casing

Hole Size: 8.5" Casing Size: 5.5"

Cemented with: 2715 sx. ***or*** _____ ft^3

Top of Cement: SURFACE Method Determined: CIRC

Total Depth: 17,995' MD / 7,955' TVD

Injection Interval

7,703' MD/ 7,637' TVD (Perforated) feet to 17,928' MD/ 7,960' TVD (Perforated)

(Perforated or Open Hole; indicate which)

Side 2

INJECTION WELL DATA SHEET

Tubing Size: 2-7/8" Lining Material: None

Type of Packer: WATSON PACKER AS1-X

Packer Setting Depth: 7643' MD / 7589' TVD

Other Type of Tubing/Casing Seal (if applicable): _____

Additional Data

1. Is this a new well drilled for injection? _____Yes X_____No

   If no, for what purpose was the well originally drilled? _____
   PRODUCER - OIL

2. Name of the Injection Formation: 2ND BONE SPRING

3. Name of Field or Pool (if applicable): [60660] TURKEY TRACK; BONE SPRING

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. _____
   N/A

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: _____
   OVERLYING: 1ST BONE SPRING SAND - TOP 6816' TVD

   UNDERLYING: 3RD BONE SPRING SAND - TOP 8610' TVD

Side 1

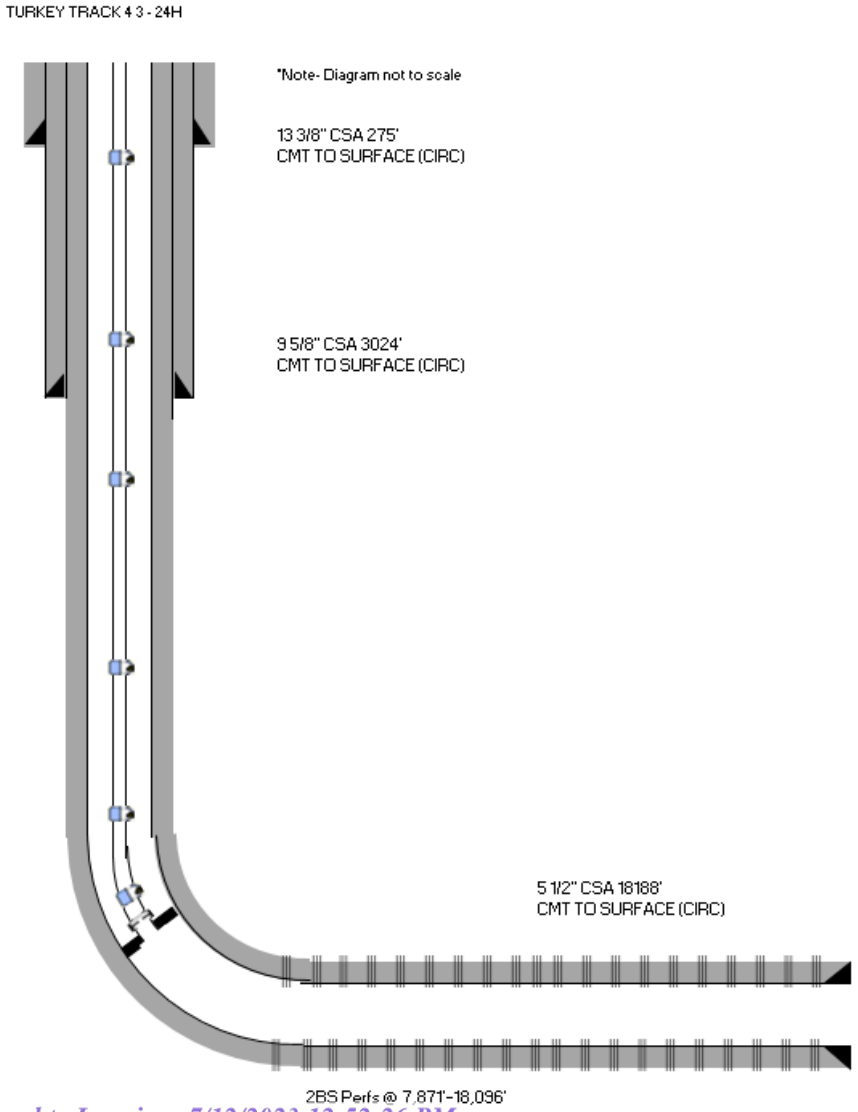
INJECTION WELL DATA SHEET

OPERATOR: OXY USA WTP LIMITED PARTNERSHIP

WELL NAME & NUMBER: TURKEY TRACK 4 3 STATE #024H 30-015-44518

WELL LOCATION:	1625 FSL 360 FWL	L	4	19S	29E
	FOOTAGE LOCATION	UNIT LETTER	SECTION	TOWNSHIP	RANGE

WELLBORE SCHEMATIC



WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 17.5" Casing Size: 13.375"

Cemented with: 460 sx. ***or*** _____ ft^3

Top of Cement: SURFACE Method Determined: CIRC

Intermediate Casing

Hole Size: 12.25" Casing Size: 9.625"

Cemented with: 3024 sx. ***or*** _____ ft^3

Top of Cement: SURFACE Method Determined: CIRC

Production Casing

Hole Size: 8.5" Casing Size: 5.5"

Cemented with: 2730 sx. ***or*** _____ ft^3

Top of Cement: SURFACE Method Determined: CIRC

Total Depth: 18,140' MD / 7,979' TVD

Injection Interval

7,871' MD/ 7,682' TVD (Perforated) feet to 18,096' MD/ 7,976' TVD (Perforated)

(Perforated or Open Hole; indicate which)

Side 2

INJECTION WELL DATA SHEET

Tubing Size: 2-7/8" Lining Material: _____

Type of Packer: WATSON PACKER AS1-X

Packer Setting Depth: 7753' MD / 7591' TVD

Other Type of Tubing/Casing Seal (if applicable): _____

Additional Data

1. Is this a new well drilled for injection? _____Yes X_____No

   If no, for what purpose was the well originally drilled? _____
   PRODUCER - OIL

2. Name of the Injection Formation: 2ND BONE SPRING

3. Name of Field or Pool (if applicable): [60660] TURKEY TRACK; BONE SPRING

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. _____
   N/A

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: _____
   OVERLYING: 1ST BONE SPRING SAND - TOP 6821' TVD

   UNDERLYING: 3RD BONE SPRING SAND - TOP 8615' TVD

Side 1

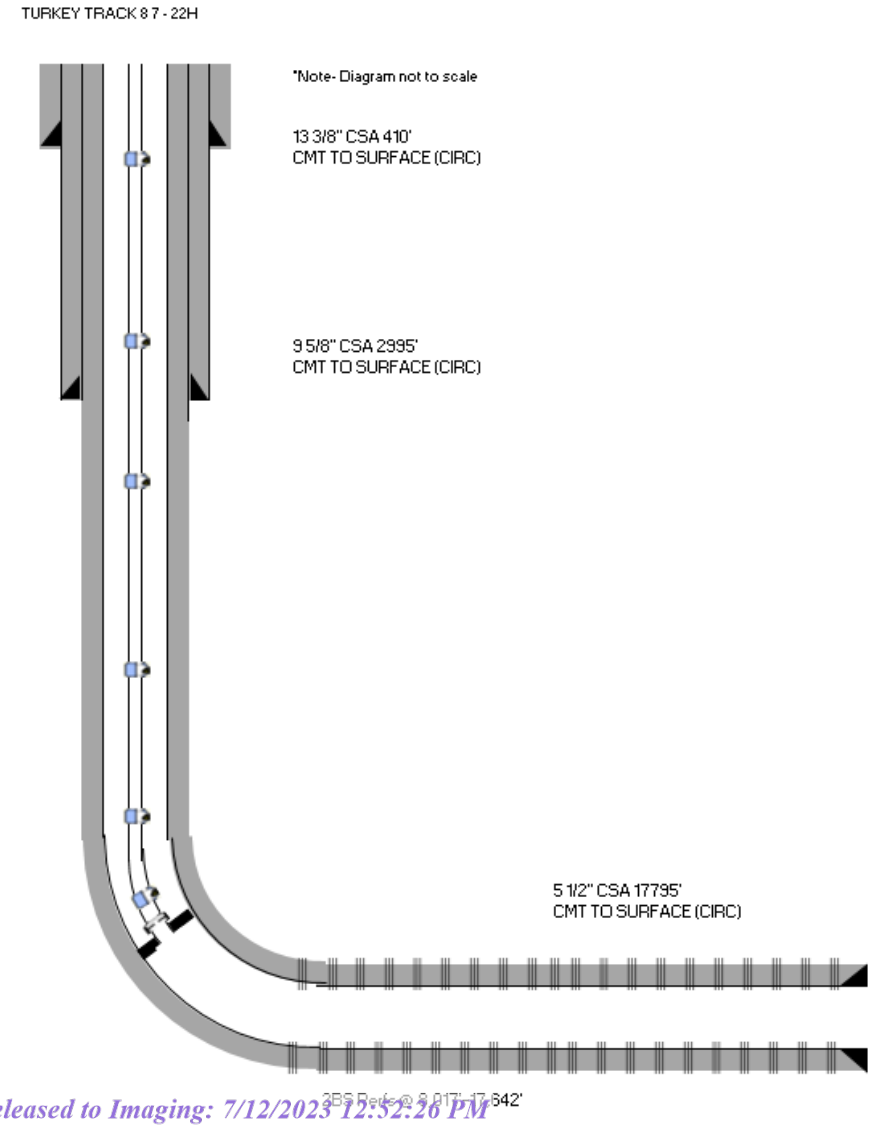
INJECTION WELL DATA SHEET

OPERATOR: OXY USA WTP LIMITED PARTNERSHIP

WELL NAME & NUMBER: TURKEY TRACK 8 7 STATE #022H 30-015-44142

WELL LOCATION:	1118 FNL 70 FWL	D	9	19S	29E
	FOOTAGE LOCATION	UNIT LETTER	SECTION	TOWNSHIP	RANGE

WELLBORE SCHEMATIC



WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 17.5" Casing Size: 13.375"

Cemented with: 600 sx. ***or*** _____ ft^3

Top of Cement: SURFACE Method Determined: CIRC

Intermediate Casing

Hole Size: 12.25" Casing Size: 9.625"

Cemented with: 1077 sx. ***or*** _____ ft^3

Top of Cement: SURFACE Method Determined: CIRC

Production Casing

Hole Size: 8.75" Casing Size: 5.5"

Cemented with: 2799 sx. ***or*** _____ ft^3

Top of Cement: SURFACE Method Determined: CIRC

Total Depth: 17,752' MD / 7,667' TVD

Injection Interval

8,017' MD/ 7,806' TVD (Perforated) feet to 17,641' MD/ 7,672' TVD (Perforated)

(Perforated or Open Hole; indicate which)

Side 2

INJECTION WELL DATA SHEET

Tubing Size: 2-7/8" Lining Material: None

Type of Packer: BAKER HUGHES HORNET PACKER

Packer Setting Depth: 7358' MD / 7300' TVD

Other Type of Tubing/Casing Seal (if applicable): _____

Additional Data

1. Is this a new well drilled for injection? _____Yes X_____No

   If no, for what purpose was the well originally drilled? _____
   PRODUCER - OIL

2. Name of the Injection Formation: 2ND BONE SPRING

3. Name of Field or Pool (if applicable): [60660] TURKEY TRACK; BONE SPRING

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. _____
   N/A

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: _____
   OVERLYING ZONE: 1ST BONE SPRING SAND - TOP 6884' TVD

   UNDERLYING ZONE: 3RD BONE SPRING SAND - TOP 8560' TVD

Side 1

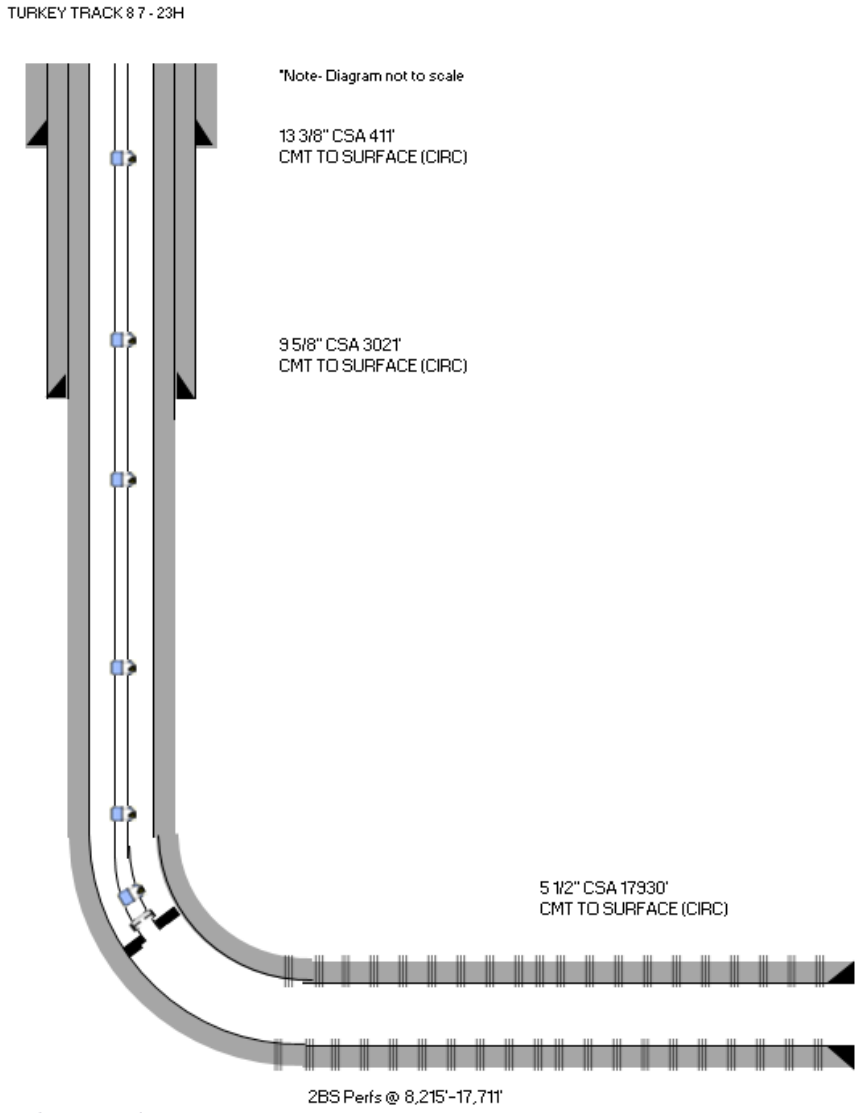
INJECTION WELL DATA SHEET

OPERATOR: OXY USA WTP LIMITED PARTNERSHIP

WELL NAME & NUMBER: TURKEY TRACK 8 7 STATE #023H 30-015-44143

WELL LOCATION:	1254 FSL 195 FWL	M	9	19S	29E
	FOOTAGE LOCATION	UNIT LETTER	SECTION	TOWNSHIP	RANGE

WELLBORE SCHEMATIC



WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 17.5" Casing Size: 13.375"

Cemented with: 530 sx. ***or*** _____ ft^3

Top of Cement: SURFACE Method Determined: CIRC

Intermediate Casing

Hole Size: 12.25" Casing Size: 9.625"

Cemented with: 1015 sx. ***or*** _____ ft^3

Top of Cement: SURFACE Method Determined: CIRC

Production Casing

Hole Size: 8.75" Casing Size: 5.5"

Cemented with: 2733 sx. ***or*** _____ ft^3

Top of Cement: SURFACE Method Determined: CIRC

Total Depth: 17,883' MD / 7,624' TVD

Injection Interval

8,215' MD/ 7,860' TVD (Perforated) feet to 17,710' MD/ 7,631' TVD (Perforated)

(Perforated or Open Hole; indicate which)

Side 2

INJECTION WELL DATA SHEET

Tubing Size: 2-7/8" Lining Material: None

Type of Packer: BAKER HORNET PACKER

Packer Setting Depth: 7598' MD / 7537' TVD

Other Type of Tubing/Casing Seal (if applicable): _____

Additional Data

1. Is this a new well drilled for injection? _____Yes X_____No

   If no, for what purpose was the well originally drilled? _____
   PRODUCER - OIL

2. Name of the Injection Formation: 2ND BONE SPRING

3. Name of Field or Pool (if applicable): [60660] TURKEY TRACK; BONE SPRING

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. _____
   N/A

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: _____
   OVERLYING: 1ST BONE SPRING SAND - TOP 6783' TVD

   UNDERLYING: 3RD BONE SPRING SAND - TOP 8495' TVD

Side 1

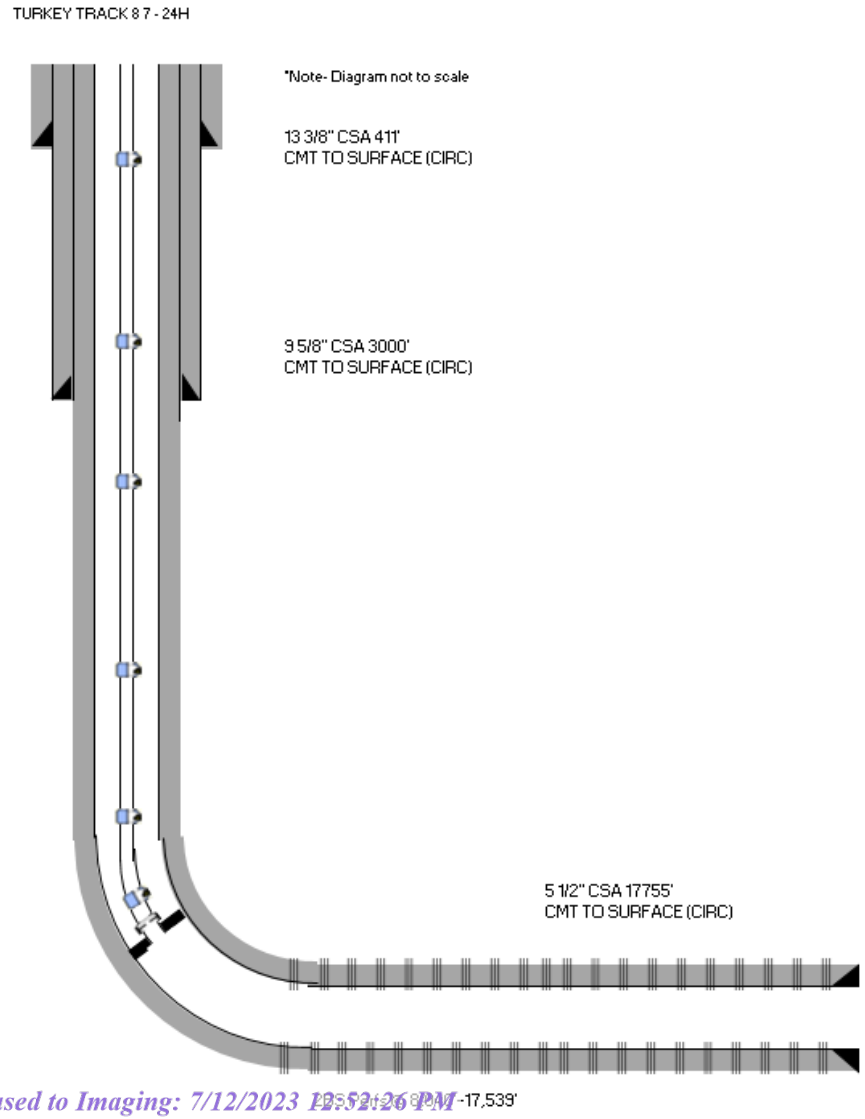
INJECTION WELL DATA SHEET

OPERATOR: OXY USA WTP LIMITED PARTNERSHIP

WELL NAME & NUMBER: TURKEY TRACK 8 7 STATE #024H 30-015-44145

WELL LOCATION:	1224 FSL 195 FWL	M	9	19S	29E
	FOOTAGE LOCATION	UNIT LETTER	SECTION	TOWNSHIP	RANGE

WELLBORE SCHEMATIC



WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 17.5" Casing Size: 13.375"

Cemented with: 630 sx. ***or*** _____ ft^3

Top of Cement: SURFACE Method Determined: CIRC

Intermediate Casing

Hole Size: 12.25" Casing Size: 9.625"

Cemented with: 1070 sx. ***or*** _____ ft^3

Top of Cement: SURFACE Method Determined: CIRC

Production Casing

Hole Size: 8.75" Casing Size: 5.5"

Cemented with: 2864 sx. ***or*** _____ ft^3

Top of Cement: SURFACE Method Determined: CIRC

Total Depth: 17,708' MD / 7,672' TVD

Injection Interval

8,040' MD/ 7,799' TVD (Perforated) feet to 17,538' MD/ 7,678' TVD (Perforated)

(Perforated or Open Hole; indicate which)

Side 2

INJECTION WELL DATA SHEET

Tubing Size: 2-7/8" Lining Material: None

Type of Packer: BAKER HUGHES HORNET PACKER

Packer Setting Depth: 7607' MD / 7514' TVD

Other Type of Tubing/Casing Seal (if applicable): _____

Additional Data

1. Is this a new well drilled for injection? _____Yes X_____No

   If no, for what purpose was the well originally drilled? _____
   PRODUCER - OIL

2. Name of the Injection Formation: 2ND BONE SPRING

3. Name of Field or Pool (if applicable): [60660] TURKEY TRACK; BONE SPRING

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. _____
   N/A

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: _____
   OVERLYING: 1ST BONE SPRING SAND - TOP 6804' TVD

   UNDERLYING: 3RD BONE SPRING SAND - TOP 8613' TVD

Side 1

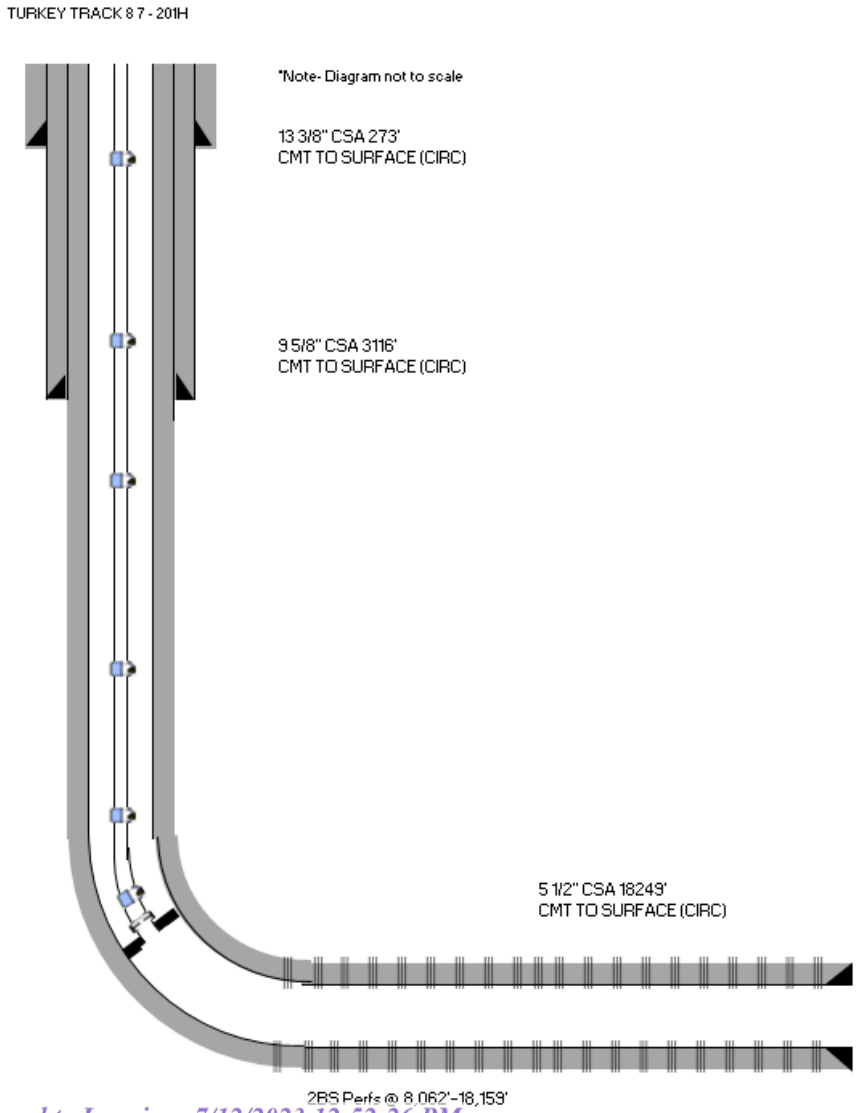
INJECTION WELL DATA SHEET

OPERATOR: OXY USA WTP LIMITED PARTNERSHIP

WELL NAME & NUMBER: TURKEY TRACK 8 7 STATE #201H 30-015-45681

WELL LOCATION:	1114 FNL 475 FWL	D	9	19S	29E
	FOOTAGE LOCATION	UNIT LETTER	SECTION	TOWNSHIP	RANGE

WELLBORE SCHEMATIC



WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 17.5" Casing Size: 13.375"

Cemented with: 770 sx. ***or*** _____ ft^3

Top of Cement: SURFACE Method Determined: CIRC

Intermediate Casing

Hole Size: 12.25" Casing Size: 9.625"

Cemented with: 669 sx. ***or*** _____ ft^3

Top of Cement: SURFACE Method Determined: CIRC

Production Casing

Hole Size: 8.5 Casing Size: 5.5

Cemented with: 2880 sx. ***or*** _____ ft^3

Top of Cement: SURFACE Method Determined: CIRC

Total Depth: 18,202' MD / 7,659' TVD

Injection Interval

8,062' MD/ 7,825' TVD (Perforated) feet to 18,159' MD/ 7,661' TVD (Perforated)

(Perforated or Open Hole; indicate which)

Side 2

INJECTION WELL DATA SHEET

Tubing Size: 2-7/8" Lining Material: None

Type of Packer: AS1-X

Packer Setting Depth: 7624' MD / 7567' TVD

Other Type of Tubing/Casing Seal (if applicable): _____

Additional Data

1. Is this a new well drilled for injection? _____Yes X_____No

   If no, for what purpose was the well originally drilled? _____
   PRODUCER - OIL

2. Name of the Injection Formation: 2ND BONE SPRING

3. Name of Field or Pool (if applicable): [60660] TURKEY TRACK; BONE SPRING

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. _____
   N/A

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: _____
   OVERLYING: 1ST BONE SPRING SAND - TOP 6806' TVD

   UNDERLYING: 3RD BONE SPRING SAND - TOP 8595' TVD

Side 1

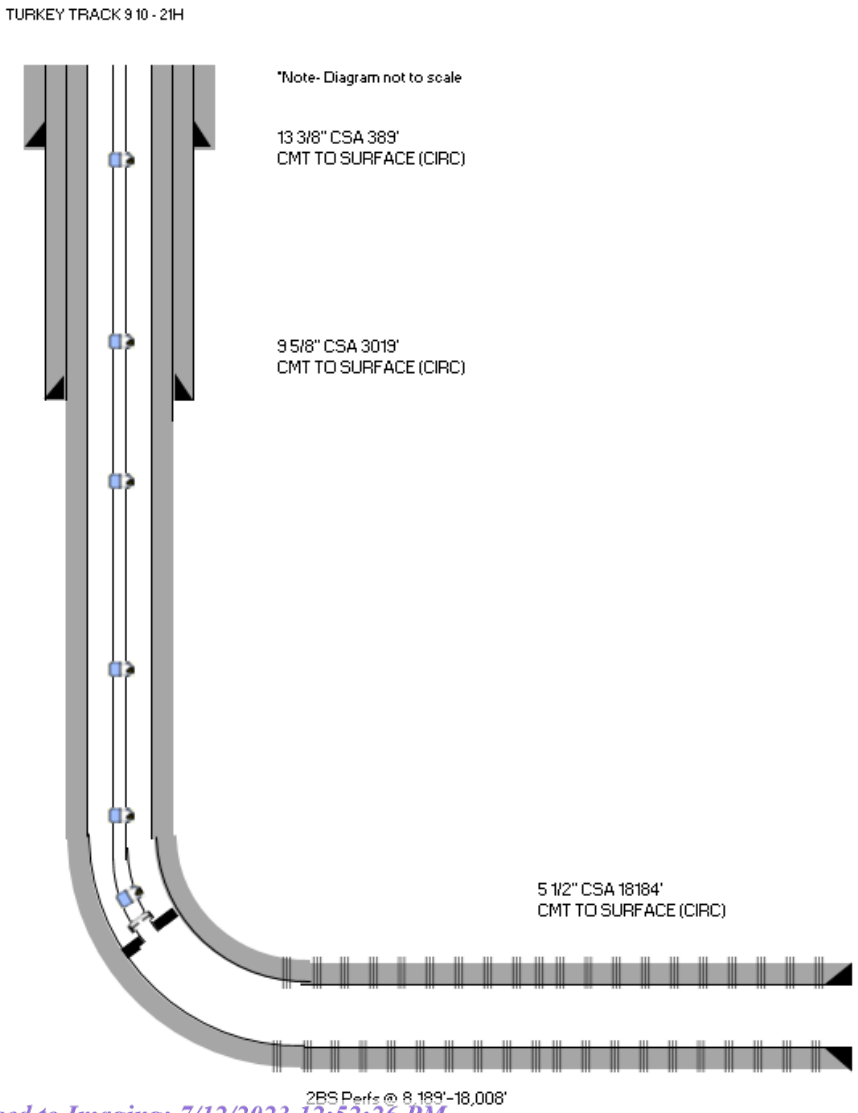
INJECTION WELL DATA SHEET

OPERATOR: OXY USA WTP LIMITED PARTNERSHIP

WELL NAME & NUMBER: TURKEY TRACK 9 10 STATE #021H 30-015-44117

WELL LOCATION:	2120 FNL 395 FEL	H	8	19S	29E
	FOOTAGE LOCATION	UNIT LETTER	SECTION	TOWNSHIP	RANGE

WELLBORE SCHEMATIC



WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 17.5" Casing Size: 13.375"

Cemented with: 373 sx. ***or*** _____ ft^3

Top of Cement: SURFACE Method Determined: CIRC

Intermediate Casing

Hole Size: 12.25" Casing Size: 9.625"

Cemented with: 1089 sx. ***or*** _____ ft^3

Top of Cement: SURFACE Method Determined: CIRC

Production Casing

Hole Size: 8.5" Casing Size: 5.5"

Cemented with: 2743 sx. ***or*** _____ ft^3

Top of Cement: SURFACE Method Determined: CIRC

Total Depth: 18,137' MD / 7,976' TVD

Injection Interval

8,189' MD/ 7,840' TVD (Perforated) feet to 18,007' MD/ 7,976' TVD (Perforated)

(Perforated or Open Hole; indicate which)

Side 2

INJECTION WELL DATA SHEET

Tubing Size: 2-7/8" Lining Material: None

Type of Packer: BAKER HORNET PACKER

Packer Setting Depth: 7580' MD / 7441' TVD

Other Type of Tubing/Casing Seal (if applicable): _____

Additional Data

1. Is this a new well drilled for injection? _____Yes X_____No

   If no, for what purpose was the well originally drilled? _____
   PRODUCER - OIL

2. Name of the Injection Formation: 2ND BONE SPRING

3. Name of Field or Pool (if applicable): [60660] TURKEY TRACK; BONE SPRING

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. _____
   N/A

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: _____
   OVERLYING: 1ST BONE SPRING SAND - TOP 6834' TVD

   UNDERLYING: 3RD BONE SPRING SAND - TOP 8550' TVD

Side 1

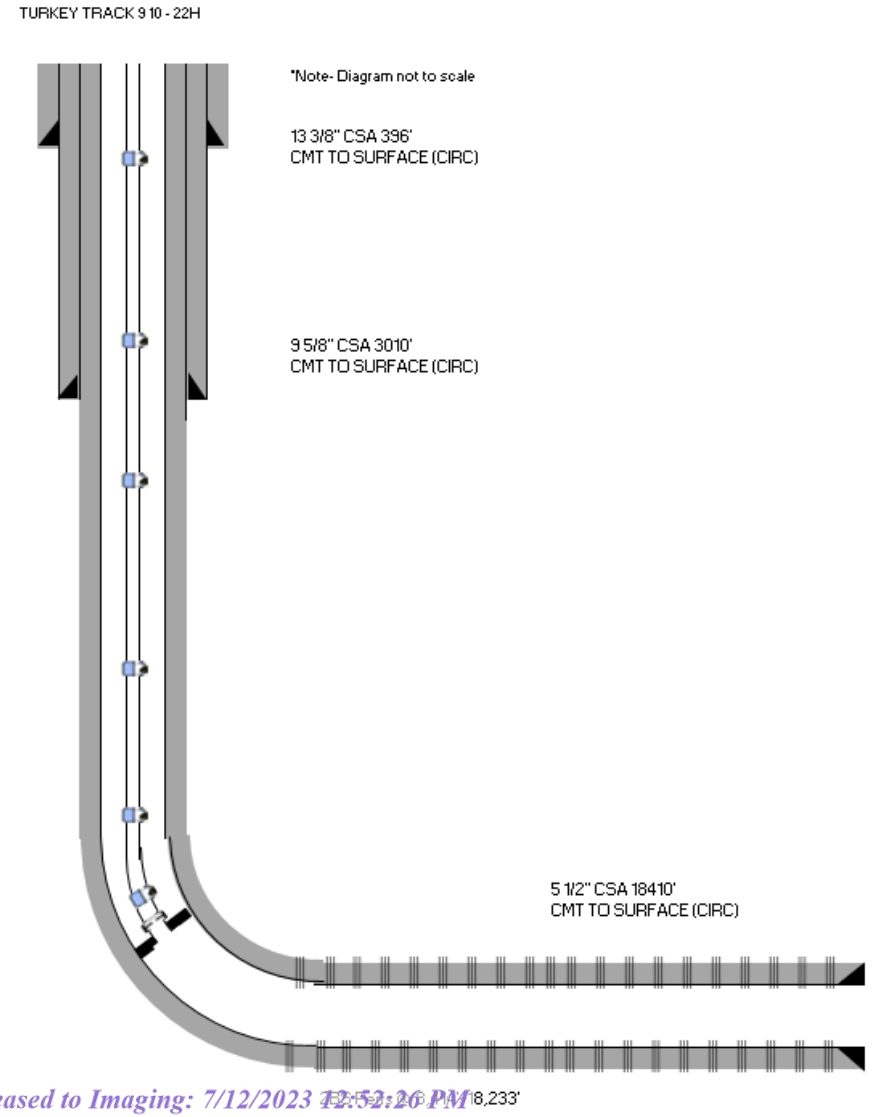
INJECTION WELL DATA SHEET

OPERATOR: OXY USA WTP LIMITED PARTNERSHIP

WELL NAME & NUMBER: TURKEY TRACK 9 10 STATE #022H 30-015-44122

WELL LOCATION:	2150 FNL 395 FEL	H	8	19S	29E
	FOOTAGE LOCATION	UNIT LETTER	SECTION	TOWNSHIP	RANGE

WELLBORE SCHEMATIC



WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 17.5" Casing Size: 13.375"

Cemented with: 746 sx. ***or*** _____ ft^3

Top of Cement: SURFACE Method Determined: CIRC

Intermediate Casing

Hole Size: 12.25" Casing Size: 9.625"

Cemented with: 1089 sx. ***or*** _____ ft^3

Top of Cement: SURFACE Method Determined: CIRC

Production Casing

Hole Size: 8.5" Casing Size: 5.5"

Cemented with: 2826 sx. ***or*** _____ ft^3

Top of Cement: SURFACE Method Determined: CIRC

Total Depth: 18,137' MD / 7,989' TVD

Injection Interval

8,414' MD/ 7,898' TVD (Perforated) feet to 18,232' MD/ 7,983' TVD (Perforated)

(Perforated or Open Hole; indicate which)

Side 2

INJECTION WELL DATA SHEET

Tubing Size: 2-7/8" Lining Material: None

Type of Packer: BAKER HORNET PACKER

Packer Setting Depth: 7524' MD / 7515' TVD

Other Type of Tubing/Casing Seal (if applicable): _____

Additional Data

1. Is this a new well drilled for injection? _____Yes X_____No

   If no, for what purpose was the well originally drilled? PRODUCER - OIL

2. Name of the Injection Formation: 2ND BONE SPRING

3. Name of Field or Pool (if applicable): [60660] TURKEY TRACK; BONE SPRING

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. N/A

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: OVERLYING: 1ST BONE SPRING SAND - TOP 6815' TVD

   UNDERLYING: 3RD BONE SPRING SAND - TOP 8560' TVD

Side 1

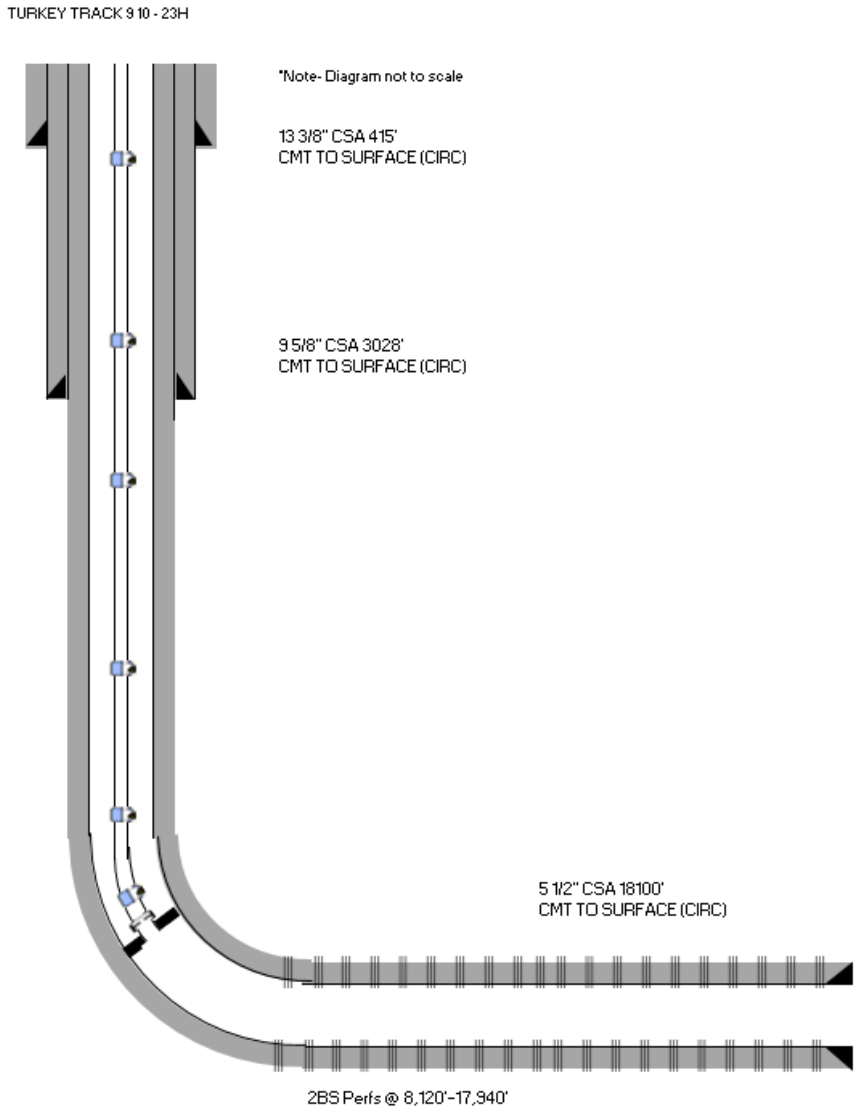
INJECTION WELL DATA SHEET

OPERATOR: OXY USA WTP LIMITED PARTNERSHIP

WELL NAME & NUMBER: TURKEY TRACK 9 10 STATE #023H 30-015-44154

WELL LOCATION:	1195 FSL 220 FEL	P	8	19S	29E
	FOOTAGE LOCATION	UNIT LETTER	SECTION	TOWNSHIP	RANGE

WELLBORE SCHEMATIC



WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 17.5" Casing Size: 13.375"

Cemented with: 485 sx. ***or*** _____ ft^3

Top of Cement: SURFACE Method Determined: CIRC

Intermediate Casing

Hole Size: 12.25 Casing Size: 9.625

Cemented with: 1077 sx. ***or*** _____ ft^3

Top of Cement: SURFACE Method Determined: CIRC

Production Casing

Hole Size: 8.5" Casing Size: 5.5"

Cemented with: 2873 sx. ***or*** _____ ft^3

Top of Cement: SURFACE Method Determined: CIRC

Total Depth: 18,072' MD / 7,962' TVD

Injection Interval

8,120' MD/ 7,852' TVD (Perforated) feet to 17,939' MD/ 7,963' TVD (Perforated)

(Perforated or Open Hole; indicate which)

Side 2

INJECTION WELL DATA SHEET

Tubing Size: 2-7/8" Lining Material: None

Type of Packer: BAKER HUGHES HORNET PACKER

Packer Setting Depth: 7555' MD 7515' TVD

Other Type of Tubing/Casing Seal (if applicable): _____

Additional Data

1. Is this a new well drilled for injection? _____Yes X_____No

   If no, for what purpose was the well originally drilled? _____
   PRODUCER - OIL

2. Name of the Injection Formation: 2ND BONE SPRING

3. Name of Field or Pool (if applicable): [60660] TURKEY TRACK; BONE SPRING

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. _____
   N/A

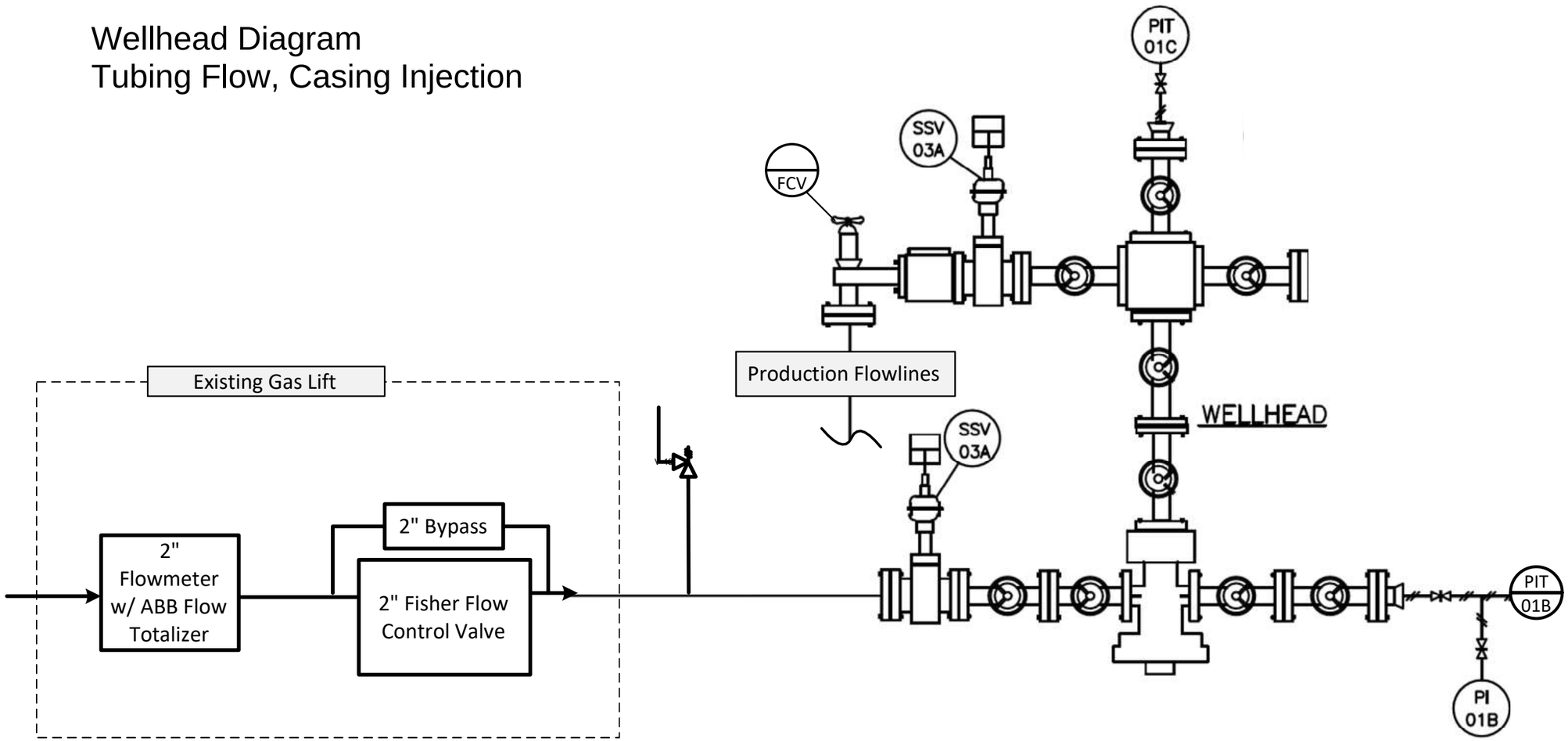
5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: _____
   OVERLYING: 1ST BONE SPRING SAND - TOP 6802' TVD

   UNDERLYING: 3RD BONE SPRING SAND - TOP 8654' TVD

Max Allowable Surface Pressure (MASP) Table

API10	Well Name	Proposed Max Allowable Surface Pressure (MASP) (PSI)	Current Average Surface Injection Pressure (PSI)	Max Achievable Surface Pressure, Current Infrastructure (PSI)	Proposed Average Injection Rate (MMSCFPD)	Proposed Max Injection Rate (MMSCFPD)	Burst Calculation Depth (FT TVD)	Brine Pressure Gradient (PSI/FT)	Casing or Liner Burst (PSI)	MASP + Reservoir Brine Hydrostatic as a percentage of Casing or Liner Burst Pressure (%)	Top Perforation Depth (FT TVD)	MASP Gradient (PSI/FT)	Top Perforation Depth (FT TVD)	Gas Pressure Gradient (PSI/FT)	Formation Parting Pressure Gradient (PSI/FT)	MASP + Gas Hydrostatic as a percentage of Formation Parting Pressure (%)
3001544396	TURKEY TRACK 4-3 STATE 21H	1,335	744	1,335	3	5	7,648	0.468	12,640	39%	7,648	0.175	7,648	0.200	0.650	58%
3001544537	TURKEY TRACK 4-3 STATE 22H	1,335	883	1,335	3	5	7,505	0.468	12,640	38%	7,507	0.178	7,507	0.200	0.650	58%
3001544517	TURKEY TRACK 4-3 STATE 23H	1,335	859	1,335	3	5	7,637	0.468	12,640	39%	7,637	0.175	7,637	0.200	0.650	58%
3001544518	TURKEY TRACK 4-3 STATE 24H	1,335	856	1,335	3	5	7,682	0.468	12,640	39%	7,683	0.174	7,683	0.200	0.650	58%
3001544142	TURKEY TRACK 8-7 STATE 22H	1,335	596	1,335	3	5	7,806	0.468	12,640	39%	7,807	0.171	7,807	0.200	0.650	57%
3001544143	TURKEY TRACK 8-7 STATE 23H	1,335	899	1,335	3	5	7,860	0.468	12,640	40%	7,860	0.170	7,860	0.200	0.650	57%
3001544145	TURKEY TRACK 8-7 STATE 24H	1,335	675	1,335	3	5	7,672	0.468	12,640	39%	7,799	0.171	7,799	0.200	0.650	57%
3001545681	TURKEY TRACK 8-7 201H	1,335	865	1,335	3	5	7,825	0.468	12,640	40%	7,825	0.171	7,825	0.200	0.650	57%
3001544117	TURKEY TRACK 9-10 21H	1,335	580	1,335	3	5	7,840	0.468	12,640	40%	7,841	0.170	7,841	0.200	0.650	57%
3001544122	TURKEY TRACK 9-10 22H	1,335	600	1,335	3	5	7,898	0.468	12,640	40%	7,899	0.169	7,899	0.200	0.650	57%
3001544154	TURKEY TRACK 9-10 23H	1,335	600	1,335	3	5	7,852	0.468	12,640	40%	7,852	0.170	7,852	0.200	0.650	57%
3001544156	TURKEY TRACK 9-10 24H	1,335	850	1,335	3	5	7,799	0.468	12,640	39%	7,799	0.171	7,799	0.200	0.650	57%
	Column	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	Calculation									(1+6*7)/8		= 1/10				= (1+12*13) / (12/14)

Wellhead Diagram
Tubing Flow, Casing Injection



KEY
SSV – Safety Shutdown Valve
PI – Pressure Indicator
PIT – Pressure Indicating Transmitter
FCV- Flow Control Valve

Mechanical Integrity Test (MIT) Summary Table

API10	Well Name	MIT #1	
		Date	Surface Pressure [psi]
3001544396	TURKEY TRACK 4-3 STATE 21H	6/30/2019	9800
3001544537	TURKEY TRACK 4-3 STATE 22H	6/30/2019	9800
3001544517	TURKEY TRACK 4-3 STATE 23H	7/11/2019	9800
3001544518	TURKEY TRACK 4-3 STATE 24H	7/11/2019	9800
3001544142	TURKEY TRACK 8-7 STATE 22H	12/12/2017	9800
3001544143	TURKEY TRACK 8-7 STATE 23H	11/4/2017	9800
3001544145	TURKEY TRACK 8-7 STATE 24H	11/5/2017	9800
3001545681	TURKEY TRACK 8-7 201H	8/5/2019	9800
3001544117	TURKEY TRACK 9-10 21H	9/26/2017	9800
3001544122	TURKEY TRACK 9-10 22H	10/1/2017	9500
3001544154	TURKEY TRACK 9-10 23H	12/1/2017	9870
3001544156	TURKEY TRACK 9-10 24H	12/3/2017	9500

Turkey Track

Gas Source Well List

PLC 517 Gas Surface Commingle

LEASE NAME	WELL NUMBER	API
CONOCO 7 STATE	001	30-015-23174
CONOCO 7 STATE	010	30-015-23933
OXY AUTO STATE	001	30-015-29464
OXY SPARKPLUG STATE	001	30-015-29465
JOEL STATE	001	30-015-34698
OXY CHAMPION STATE	002	30-015-36215
OXY CHECKER STATE COM	003	30-015-36218
TURKEY TRACK 9 10 STATE	032H	30-015-44109
TURKEY TRACK 9 10 STATE	021H	30-015-44117
TURKEY TRACK 9 10 STATE	022H	30-015-44122
TURKEY TRACK 8 7 STATE	022H	30-015-44142
TURKEY TRACK 8 7 STATE	023H	30-015-44143
TURKEY TRACK 8 7 STATE	024H	30-015-44145
TURKEY TRACK 9 10 STATE	023H	30-015-44154
TURKEY TRACK 9 10 STATE	024H	30-015-44156
TURKEY TRACK 8 7 STATE	033H	30-015-44159
TURKEY TRACK 8 7 STATE	034H	30-015-44160
TURKEY TRACK 9 10 STATE	031H	30-015-44193
TURKEY TRACK 9 10 STATE	033H	30-015-44194
TURKEY TRACK 9 10 STATE	034H	30-015-44195
TURKEY TRACK 8 7 STATE	031H	30-015-44266
TURKEY TRACK 8 7 STATE	032H	30-015-44267
TURKEY TRACK 4 3 STATE	031H	30-015-44334
TURKEY TRACK 4 3 STATE	032H	30-015-44386
TURKEY TRACK 4 3 STATE	021H	30-015-44396
TURKEY TRACK 4 3 STATE	033H	30-015-44411
TURKEY TRACK 4 3 STATE	034H	30-015-44432
TURKEY TRACK 4 3 STATE	023H	30-015-44517
TURKEY TRACK 4 3 STATE	024H	30-015-44518
TURKEY TRACK 8 7 STATE	201H	30-015-45681

Turkey Track Gas Analysis Summary 6/26/2023

- The primary, third-party gas takeaway is Enterprise.
- The secondary, DCP third-party gas takeaway is DCP. It can only be used for 9 of the wells.
- Central Tank Batteries (CTBs)
    - All producing wells flow to the Turkey Track CTB.
    - See Gas Source Well List for list of wells.
- Centralized Gas Lift Compressors (CGLs)
    - All low-pressure gas lines connect to the Turkey Track GL Compressor Station.
    - CGLs increase pressure from ~70 psig to ~1250 psig.
    - High-high emergency shutdown pressure is 1330 psi.
- Gas analysis is provided for:
    - CGL Injection gas
    - Second Bone Spring production

Certificate of Analysis

Number: 6030-22020136-001A

Artesia Laboratory
200 E Main St.
Artesia, NM 88210
Phone 575-746-3481

Feb. 09, 2022

Field:	Turkey Track	Sampled By:	Occidental Petroleum
Station Name:	Turkey Track CGL Discharge	Sample Of:	Gas Spot
Station Number:	N/A	Sample Date:	02/08/2022 14:00
Station Location:	OXY	Sample Conditions:	1216 psig, @ 92 °F Ambient: 64 °F
Sample Point:	Discharge Line	Effective Date:	02/08/2022 14:00
Formation:	Semi Annual	Method:	GPA-2261M
County:	Eddy, NM	Cylinder No:	1111-001113
Type of Sample: :	Spot-Cylinder	Instrument:	6030_GC6 (Inficon GC-3000 Micro)
Heat Trace Used:	N/A	Last Inst. Cal.:	02/07/2022 0:00 AM
Sampling Method: :	Fill and Purge	Analyzed:	02/09/2022 12:14:06 by ERG
Sampling Company: :	SPL		

Analytical Data

Components	Un-normalized Mol %	Mol. %	Wt. %	GPM at 14.65 psia		
Hydrogen Sulfide	0.000	0.000	0.000		GPM TOTAL C2+	6.073
Nitrogen	1.984	2.012	2.613		GPM TOTAL C3+	2.945
Methane	75.254	76.298	56.737		GPM TOTAL iC5+	0.527
Carbon Dioxide	0.234	0.237	0.483			
Ethane	11.558	11.718	16.333	3.128		
Propane	5.710	5.789	11.833	1.592		
Iso-butane	0.745	0.755	2.034	0.247		
n-Butane	1.814	1.839	4.955	0.579		
Iso-pentane	0.416	0.422	1.411	0.154		
n-Pentane	0.421	0.427	1.428	0.154		
Hexanes Plus	0.496	0.503	2.173	0.219		
	98.632	100.000	100.000	6.073		

Calculated Physical Properties	**Total**	**C6+**
Relative Density Real Gas	0.7474	3.2176
Calculated Molecular Weight	21.57	93.19
Compressibility Factor	0.9963	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.65 psia & 60°F		
Real Gas Dry BTU	1269	5113
Water Sat. Gas Base BTU	1247	5024
Ideal, Gross HV - Dry at 14.65 psia	1264.0	5113.2
Ideal, Gross HV - Wet	1241.9	5023.7
Net BTU Dry Gas - real gas	1152	
Net BTU Wet Gas - real gas	1132	

Comments: H2S Field Content 0 ppm

Chandler Montgomery

Digitally signed by: Chandler Montgomery
DN: CN = Chandler Montgomery email = chandler_montgomery@oxy.com C = AD O = Oxy USA OU = Permian Resources NM
Date: 2022.02.24 20:43:30 -06'00'

Hydrocarbon Laboratory Manager

Quality Assurance: The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated.

Corrosion Prevention Plan

Existing Corrosion Prevention Plan

- Produced gas is processed through a gas dehydration unit to remove water.
- Corrosion inhibitor is added to the system downstream of the gas dehydration unit.
- Fluid samples are taken regularly and checked for Fe, Mn, and residual corrosion inhibitor in produced fluids.
- Continuously monitor and adjust the chemical treatment over the life of the well.

Oxy will continue the existing corrosion prevention plan in place for the gas lift system due to the similar nature of gas storage operations.

- Fluid samples will be taken prior to injection to establish a baseline for analysis.
- After a storage event, fluid samples will be taken to check for Fe, Mn, and residual corrosion inhibitor in the produced fluids.
- Continuously monitor and adjust the chemical treatment over the life of the project.

NM GAS STORAGE OPERATIONAL PLAN

Operational Plan

WELLSITE CLGC

Oxy USA Inc. (Oxy) will monitor the following items on each Closed Loop Gas Capture (CLGC) well via SCADA system:

- Injection flow rate and volume
  - Instantaneous Rate
  - Total Injected by Day (volume)
- Tubing Pressure
- Casing Pressure
- Bradenhead Pressures
- Safety devices
  - Pressure kills have an automated kill sequence that is initiated by SCADA system readings.
  - Injection pressure kills on production stream for injection
  - Relief Valves for both production and gas storage/injection streams to prevent overpressure (not monitored via SCADA other than pressure trend)
  - Control of injection rate and pressures via control valve at each well injection stream
  - Control of production stream via automated choke valves to ensure controlled production and prevent over pressurization of flowline

CENTRAL TANK BATTERY (CTB)

Oxy will monitor the following items at each CTB via SCADA system:

- Production Rates
  - Oil
  - Gas
  - Water
- Safety devices
  - Flares at CTBs
  - Injection pressure kills on production/gas storage stream for injection
  - Emergency Shutdown (ESD) of wells that are local and remote for automatic shut downs to safe the system
  - Control of injection rate and pressures via control valve at each well injection stream

CENTRAL GAS LIFT (CGL) COMPRESSOR(S)

Oxy will monitor the following items on each Central Gas Lift (CGL) Compressor Station via SCADA system:

- Safety devices
  - Discharge/injection pressure kills of each compressor and for the station
  - Relief Valves on 3rd stage of compressors, to prevent over pressurization (not monitored via SCADA other than pressure trend)
  - Station recycle valves (that recycle discharge pressure back to suction) if the pressure is getting too high for the compressor or station. (not all control valves are capable of

remote monitoring of valve position; but still monitored in some sense of the pressure trend for the station)

SUPERVISORY CONTROL AND DATA ACQUISTION (SCADA)

Oxy SCADA system consists of PLCs at each CTB, Wellsite, and Central Gas Lift compressor or station.

- The Programmable Logic Controller (PLCs) will take action immediately (within seconds or minutes) as programmed to automatically safe the system as required; for the system and certain device shut down(s).
- The High Alarms and High-High Alarms will be logged and registered in the SCADA system. Also the call center will take the High Alarm and make the physical phone call notification to the production techs to acknowledge the alarm & take action.

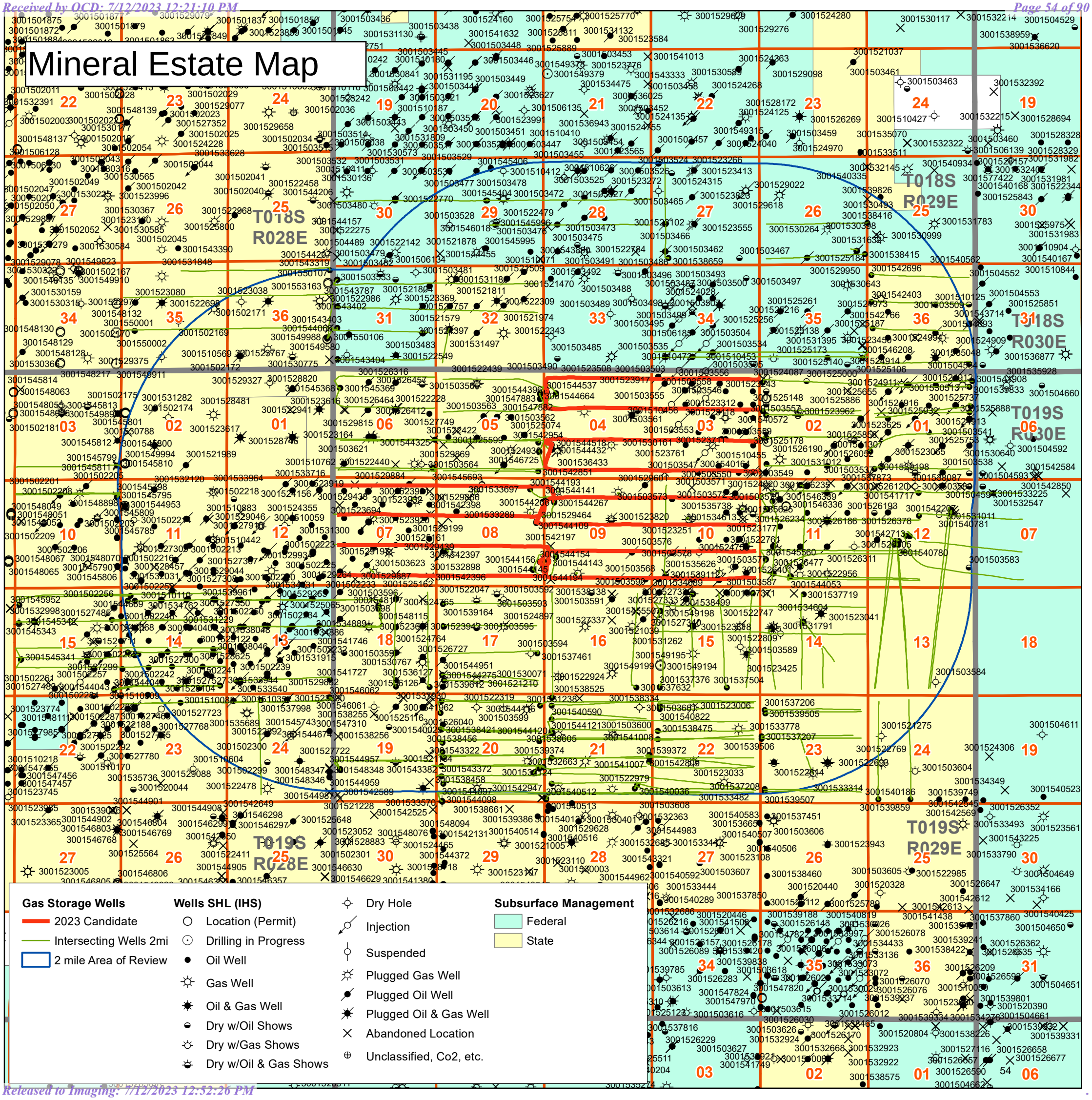
ENVIRONMENTAL/SPILL RESPONSE

Oxy will report and track any spill recordable or non-recordable via our CDR system

- Any spill or gas release will be reported by operations calling in to our Call Center to make the report of spill/release. The fluid type and release amount will be disclosed along with location details; and if it's a recordable or non-recordable spill.
- Liquids will be contained and isolated and vacuum trucks will be called in to recover the liquid and will also report the amount of liquid recovered on the same CDR spill form.
    - Additional reclamation will be coordinated to ensure proper recovery of contaminated soil and liquid.

Area of Review

Mineral Estate Map



1/2 Mile AOR Map

T018S R028E

T018S R029E

T019S R028E

T019S R029E

Gas Storage Wells
- 2023 Candidate
- Intersecting Wells 1/2 mi
- 1/2 mile Are of Review

Wells SHL (IHS)
- Location (Permit)
- Drilling in Progress
- Oil Well
- Gas Well
- Oil & Gas Well
- Dry w/Oil Shows
- Dry w/Gas Shows
- Dry w/Oil & Gas Shows
- Dry Hole
- Injection
- Suspended
- Plugged Gas Well
- Plugged Oil Well
- Plugged Oil & Gas Well
- Abandoned Location
- Unclassified, Co2, etc.

1/2 Mile AOR Table

Red Text indicates CLGC Candidate Well

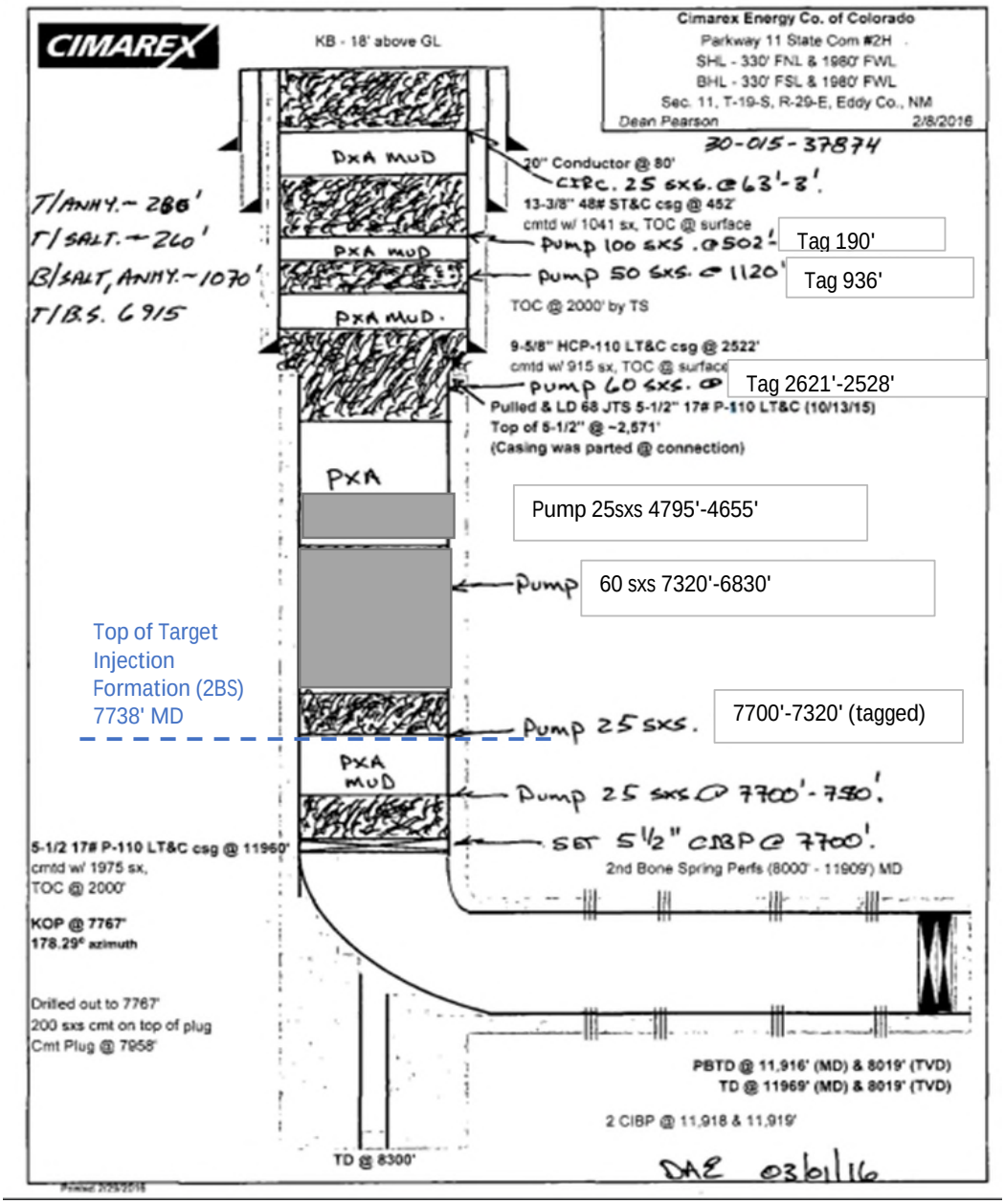
Well ID	API NUMBER	Current Operator	LEASE NAME	WELL NUMBER	Well Type:	Status:	Footages N/S	N/S	Footages E/W	E/W	Surface Location Unit	Surface Location Section	Surface Location TShip	Surface Location Range	Spud:	True Vertical Depth:	HOLE SIZE	CSG SIZE	SET AT	SX CMT	CMT TO	Top Of Cement How	Current Completion [ft]	Current Producing Pool
1	30-015-44396	OXY USA WTP LIMITED PARTNERSHIP	TURKEY TRACK 4 3 STATE	021H	Oil	Active	1072	N	110	W	D	4	19S	29E	3/14/2019	7954	17.500	13.375	310	490	Surf	Circ	7731-18001	[60660] TURKEY TRACK; BONE SPRING
																	12.250	9.625	3000	829	Surf	Circ		
																	8.500	5.500	18080	2736	Surf	Circ		
2	30-015-44537	OXY USA WTP LIMITED PARTNERSHIP	TURKEY TRACK 4 3 STATE	022H	Oil	Active	1107	N	110	W	D	4	19S	29E	3/15/2019	7957	17.500	13.375	314	490	Surf	Circ	7573-18049	[60660] TURKEY TRACK; BONE SPRING
																	12.250	9.625	3020	829	Surf	Circ		
																	8.500	5.500	18126	2716	Surf	Circ		
3	30-015-44517	OXY USA WTP LIMITED PARTNERSHIP	TURKEY TRACK 4 3 STATE	023H	Oil	Active	1660	S	360	W	L	4	19S	29E	5/12/2019	7955	17.500	13.375	354	490	Surf	Circ	7703-17929	[60660] TURKEY TRACK; BONE SPRING
																	12.250	9.625	3010	770	Surf	Circ		
																	8.500	5.500	18005	2715	Surf	Circ		
4	30-015-44518	OXY USA WTP LIMITED PARTNERSHIP	TURKEY TRACK 4 3 STATE	024H	Oil	Active	1625	S	360	W	L	4	19S	29E	5/13/2019	7979	17.500	13.375	275	460	Surf	Circ	7871-18096	[60660] TURKEY TRACK; BONE SPRING
																	12.250	9.625	3024	3024	Surf	Circ		
																	8.500	5.500	18188	2730	Surf	Circ		
5	30-015-44142	OXY USA WTP LIMITED PARTNERSHIP	TURKEY TRACK 8 7 STATE	022H	Oil	Active	1118	N	70	W	D	9	19S	29E	10/30/2017	7667	17.500	13.375	410	600	Surf	Circ	8017-17642	[60660] TURKEY TRACK; BONE SPRING
																	12.250	9.625	2995	1077	Surf	Circ		
																	8.750	5.500	17795	2799	Surf	Circ		
6	30-015-44143	OXY USA WTP LIMITED PARTNERSHIP	TURKEY TRACK 8 7 STATE	023H	Oil	Active	1254	S	195	W	M	9	19S	29E	9/1/2017	7624	17.500	13.375	411	530	Surf	Circ	8215-17711	[60660] TURKEY TRACK; BONE SPRING
																	12.250	9.625	3021	1015	Surf	Circ		
																	8.750	5.500	17930	2733	Surf	Circ		
7	30-015-44145	OXY USA WTP LIMITED PARTNERSHIP	TURKEY TRACK 8 7 STATE	024H	Oil	Active	1224	S	195	W	M	9	19S	29E	9/2/2017	7672	17.500	13.375	411	630	Surf	Circ	8040-17539	[60660] TURKEY TRACK; BONE SPRING
																	12.250	9.625	3000	1070	Surf	Circ		
																	8.750	5.500	17755	2864	Surf	Circ		
8	30-015-45681	OXY USA WTP LIMITED PARTNERSHIP	TURKEY TRACK 8 7 STATE	201H	Oil	Active	1114	N	475	W	D	9	19S	29E	3/16/2019	7659	17.500	13.375	273	770	Surf	Circ	8062-18159	[60660] TURKEY TRACK; BONE SPRING
																	12.250	9.625	3116	669	Surf	Circ		
																	8.500	5.500	18249	2880	Surf	Circ		
9	30-015-44117	OXY USA WTP LIMITED PARTNERSHIP	TURKEY TRACK 9 10 STATE	021H	Oil	Active	2120	N	395	E	H	8	19S	29E	6/7/2017	7976	17.500	13.375	389	373	Surf	Circ	8189-18008	[60660] TURKEY TRACK; BONE SPRING
																	12.250	9.625	3019	1089	Surf	Circ		
																	8.500	5.500	18184	2743	Surf	Circ		
10	30-015-44122	OXY USA WTP LIMITED PARTNERSHIP	TURKEY TRACK 9 10 STATE	022H	Oil	Active	2150	N	395	E	H	8	19S	29E	6/10/2017	7989	17.500	13.375	396	746	Surf	Circ	8414-18233	[60660] TURKEY TRACK; BONE SPRING
																	12.250	9.625	3010	1089	Surf	Circ		
																	8.500	5.500	18410	2826	Surf	Circ		
11	30-015-44154	OXY USA WTP LIMITED PARTNERSHIP	TURKEY TRACK 9 10 STATE	023H	Oil	Active	1195	S	220	E	P	8	19S	29E	10/14/2017	7962	17.500	13.375	415	485	Surf	Circ	8120-17940	[60660] TURKEY TRACK; BONE SPRING
																	12.250	9.625	3028	1077	Surf	Circ		
																	8.500	5.500	18100	2873	Surf	Circ		
12	30-015-44156	OXY USA WTP LIMITED PARTNERSHIP	TURKEY TRACK 9 10 STATE	024H	Oil	Active	1165	S	220	E	P	8	19S	29E	10/13/2017	7953	17.500	13.375	412	685	Surf	Circ	7997-17817	[60660] TURKEY TRACK; BONE SPRING
																	12.250	9.625	3005	1070	Surf	Circ		
																	8.500	5.500	17975	2734	Surf	Circ		
13	30-015-23066	OXY USA INC	CONOCO 10 STATE	001	Gas	Active	1980	S	660	E	I	10	19S	29E	12/5/1979	11750	17.5	13.375	437	400	Surf	Circ	9130-9170	[96517] PARKWAY; WOLFCAMP, NORTH
																	11	8.625	2700	925	1000	TS		
																	7.875	5.500	11750	500	6040	TS		
14	30-015-23174	OXY USA INC	CONOCO 7 STATE	001	Gas	Active	660	S	1980	W	N	7	19S	29E	2/12/1980	11610	17.5	13.375	400	550	Surf	Circ	11036-11050	[86480] TURKEY TRACK; MORROW (GAS)
																	11	8.625	2690	1300	450	TS		
																	7.875	5.5	11610	1025	5017	Calc		
15	30-015-23289	OXY USA INC	CONOCO 10 A	001Y	Gas	Active	1980	N	1800	W	F	10	19S	29E	4/12/1980	11700	17.5	13.375	330	435	Surf	Circ	11296-11308	[86445] TURKEY TRACK; ATOKA (GAS)
																	11	8.625	3020	1692	Surf	Circ		
																	7.875	5.5	11682	1175	4520	Calc		
16	30-015-23933	OXY USA INC	CONOCO 7 STATE	010	Gas	Active	1980	N	1980	W	F	7	19S	29E	11/4/1981	11550	17.5	13.375	377	375	Surf	Circ	10986-11044	[86480] TURKEY TRACK; MORROW (GAS)
																	12.25	8.625	3020	780	Surf	Circ		
																	7.875	5.5	11533	785	8395	TS		
17	30-015-29463	OXY USA WTP LIMITED PARTNERSHIP	OXY CHECKER STATE COM	001	Gas	Active	1650	S	660	W	L	8	19S	29E	4/5/1997	11470	17.5	13.375	400	1185	Surf	Circ	9920-9978	[96736] WILDCAT TURKEY TRACK CANYON)G)
																	11	8.625	3000	1200	Surf	Circ		
																	7.875	4.500	11470	605	8400	CBL		
18	30-015-29464	OXY USA WTP LIMITED PARTNERSHIP	OXY AUTO STATE	001	Gas	Active	1650	N	660	E	H	8	19S	29E	4/28/1997	11460	17.5	13.375	387	1480	Surf	Circ	11331-11351	[86480] TURKEY TRACK; MORROW (GAS)
																	11	8.625	3004	1150	Surf	Circ		
																	7.875	4.500	11460	7255	8500	Est		
19	30-015-29465	OXY USA WTP LIMITED PARTNERSHIP	OXY SPARKPLUG STATE	001	Gas	Active	660	S	1650	W	N	9	19S	29E	11/5/1997	11550	17.5	13.375	413	600	Surf	Circ	11368-11482	[86445] TURKEY TRACK;ATOKA (GAS) ; [86480] TURKEY TRACK;MORROW (GAS)
																	11	8.625	3012	1190	Surf	Circ		
																	7.875	4.500	11550	425	9500	CBL		
20	30-015-29601	OXY USA WTP LIMITED PARTNERSHIP	OXY CHAMPION STATE	001	Gas	Active	660	N	1650	E	B	9	19S	29E	5/15/1997	11500	17.5	13.375	395	745	Surf	Circ	11231-11356	[86500] TURKEY TRACK;MORROW, NORTH (GAS)
																	11	8.615	3000	950	Surf	Circ		
																	7.875	4.500	11484	625	7912	CBL		
21	30-015-30161	OXY USA WTP LIMITED PARTNERSHIP	OXY WILD BOAR STATE	001	Gas	Active	1650	S	1980	E	J	4	19S	29E	10/17/2000	11500	17.5	13.375	425	365	Surf	Circ	11160-11208	[49550] PALMILLO;BONE SPRING ; [86500] TURKEY TRACK;MORROW, NORTH (GAS)
																	12.125	9.625	3000	1245	Surf	Circ		
																	8.75	5.5	11500	755	7940	CBL		
22	30-015-31791	CIMAREX ENERGY CO. OF COLORADO	STATE 14 COM	002	Oil	Active	2040	N	560	W	E	14	19S	29E	7/20/2001	12200	17.500	13.375	315	393	Surf	Circ	7905-10466	[60660] TURKEY TRACK; BONE SPRING
																	12.250	8.625	3202	1200	Surf	Circ		
																	7.875	5.500	12200	1750	Surf	Circ		
																	4.75	3.5	10431					
23	30-015-34693	OXY USA INC	SARAH STATE COM	001	Gas	Active	660	S	1980	E	O	10	19S	29E	5/14/2006	11670	17.500	13.375	300	400	Surf	Circ	10762-10781	[86445] TURKEY TRACK; ATOKA (GAS)
																	11.000	8.625	3020	904	Surf	Circ		
																	7.875	5.500	11670	800	1060	Calc		
24	30-015-34698	OXY USA INC	JOEL STATE	001	Gas	Active	1090	N	990	E	A	7	19S	29E	4/6/2006	11410	17.500	13.375	385	715	Surf	Circ	11035-11177	[86480] TURKEY TRACK; MORROW (GAS)
																	11.000	8.625	3005	1175	Surf	Circ		

																7.875	5.500	11410	1281	Surf	Circ		
25	30-015-35738	OXY USA INC	SOLOMON STATE	001Y	Gas	Active	1429	N	840	E	H	10	19S	29E	8/1/2007	11636	17.500	13.375	300	665	Surf	Circ	10827-10864 [86445] TURKEY TRACK; ATOKA (GAS)
																	11.000	8.625	3020	900	Surf	Circ	
																	7.875	5.500	11363	1285	Surf	Circ	
26	30-015-36215	OXY USA WTP LIMITED PARTNERSHIP	OXY CHAMPION STATE	002	Gas	Active	660	N	660	W	D	9	19S	29E	9/22/2008	11560	17.500	13.375	405	550	Surf	Circ	10638-10714 [86480] TURKEY TRACK; MORROW (GAS)
																	12.250	9.625	3789	1020	740	TS	
																	8.750	5.500	11534	2155	Surf	Circ	
27	30-015-36218	OXY USA WTP LIMITED PARTNERSHIP	OXY CHECKER STATE COM	003	Gas	Active	660	N	1980	W	C	8	19S	29E	8/28/2008	11380	17.500	13.375	415	500	Surf	Circ	11034-11265 [86480] TURKEY TRACK; MORROW (GAS)
																	12.250	9.625	3807	1025	Surf	Circ	
																	8.750	5.500	11360	1405	Surf	Circ	
28	30-015-37376	CIMAREX ENERGY CO. OF COLORADO	PARKWAY STATE COM	003	Oil	Active	330	S	330	W	M	15	19S	29E	12/15/2009	12324	17.500	13.375	278	560	Surf	Circ	8048-12324 [60660] TURKEY TRACK; BONE SPRING
																	12.250	9.625	2497	1693	930	TS	
																	8.750	7.000	7622	950	6600	Calc	
																	6.125	4.500	12096				
29	30-015-37504	CIMAREX ENERGY CO. OF COLORADO	PARKWAY STATE COM	004	Oil	Active	330	S	1650	E	O	15	19S	29E	2/27/2010	7864	17.500	13.375	465	660	Surf	Circ	7511-12260 [60660] TURKEY TRACK; BONE SPRING
																	12.250	9.625	2515	815	Surf	Circ	
																	8.750	7.000	7660	950	Surf	Circ	
																	6.125	4.500	12260	950	Surf	Circ	
30	30-015-37719	CIMAREX ENERGY CO. OF COLORADO	STATE 14 COM	003H	Oil	Active	375	N	2120	W	C	14	19S	29E	5/12/2010	8090	17.500	13.375	450	540	Surf	Circ	7561-12526 [60660] TURKEY TRACK; BONE SPRING
																	12.250	9.625	2508	715	Surf	Circ	
																	8.750	7.000	7685	1075	2000	TS	
																	6.125	4.500	8096				
31	30-015-37874	CIMAREX ENERGY CO. OF COLORADO	PARKWAY 11 STATE COM	002H	Oil	PA	330	N	1980	W	C	11	19S	29E	11/3/2010	8019	17.500	13.375	452	1041	Surf	Circ	8000-11909 NA
																	11.000	9.625	2522	915	Surf	Circ	
																	8.750	5.500	11960	1975	Surf	Circ	
32	30-015-37970	CIMAREX ENERGY CO. OF COLORADO	PARKWAY STATE COM	006H	Oil	Active	330	N	360	E	A	15	19S	29E	4/5/2011	8014	17.500	13.375	452	670	Surf	Circ	7950-12423 [60660] TURKEY TRACK; BONE SPRING
																	12.250	9.625	2519	915	Surf	Circ	
																	8.750	5.500	12474	2150	Surf	Circ	
33	30-015-38065	CIMAREX ENERGY CO. OF COLORADO	PARKWAY 11 STATE	001H	Oil	Active	1085	N	610	W	D	11	19S	29E	9/25/2010	7990	17.500	13.375	465	988	Surf	Circ	7950-11799 [60660] TURKEY TRACK; BONE SPRING
																	12.250	9.625	2510	915	Surf	Circ	
																	8.750	5.500	11850	1910	Surf	Circ	
34	30-015-38066	CIMAREX ENERGY CO. OF COLORADO	PARKWAY STATE 17 COM	003H	Oil	Active	1980	N	375	W	E	17	19S	29E	3/9/2011	7852	17.500	13.375	445	480	Surf	Circ	7802-12227 [55510] SCANLON DRAW; BONE SPRING
																	12.250	9.625	2486	1522	Surf	Circ	
																	8.75	5.500	12280	2140	Surf	Circ	
35	30-015-38109	MEWBOURNE OIL CO	PARKWAY 16 STATE COM	002H	Oil	Active	200	N	350	W	D	21	19S	29E	10/15/2010	7847	12.250	9.625	300	443	Surf	Circ	8319-12585 [55510] SCANLON DRAW; BONE SPRING
																	8.750	7.000	8251	3400	Surf	Circ	
																	6.125	4.500	12611				
36	30-015-38258	COG OPERATING LLC	PHANTOM 18 STATE	002H	Oil	Active	330	S	1980	E	O	18	19S	29E	12/23/2010	8785	17.500	13.375	355	400	Surf	Circ	9100-11548 [55510] SCANLON DRAW; BONE SPRING
																	12.250	9.625	3027	925	Surf	Circ	
																	7.875	5.500	13069	1325	Surf	Circ	
37	30-015-38499	CIMAREX ENERGY CO. OF COLORADO	PARKWAY STATE COM	005Y	Oil	Active	405	N	1980	W	C	15	19S	29E	2/27/2011	7970	17.500	13.375	450	480	Surf	Circ	8052-12275 [60660] TURKEY TRACK; BONE SPRING
																	12.250	9.625	2494	915	Surf	Circ	
																	8.750	5.500	12365	2240	850	TS	
38	30-015-39112	OXY USA INC	CONOCO 10 STATE	002H	Monitor	TA	580	S	660	W	M	10	19S	29E	10/25/2011	7947	17.500	13.375	294	420	Surf	Circ	8151-11885 NA
																	12.250	9.625	3050	1160	Surf	Circ	
																	8.500	5.500	12015	2050	Surf	Circ	
39	30-015-39117	MEWBOURNE OIL CO	ZIRCON 2 STATE COM	001H	Oil	Active	735	S	330	W	M	2	19S	29E	11/1/2011	8088	17.500	13.375	270	1105	Surf	Circ	8343-12325 [60660] TURKEY TRACK; BONE SPRING
																	12.250	9.625	1452	600	Surf	Circ	
																	8.750	7.000	8270	1000	Surf	Circ	
																	6.125	4.500	12325				
40	30-015-39164	CIMAREX ENERGY CO. OF COLORADO	PARKWAY STATE 17 COM	005H	Oil	Active	900	N	330	W	D	17	19S	29E	8/31/2011	7881	17.500	13.375	452	741	Surf	Circ	7692-12166 [55510] SCANLON DRAW; BONE SPRING
																	12.75	9.625	2518	915	Surf	Circ	
																	8.75	5.5	12218	2450	Surf	Circ	
41	30-015-39612	COG OPERATING LLC	PHANTOM 18 STATE	001H	Oil	Active	330	S	330	E	P	18	19S	29E	7/9/2012	7765	17.500	13.375	300	375	Surf	Circ	7985-12092 [55510] SCANLON DRAW; BONE SPRING
																	12.250	9.625	3550	1500	Surf	Circ	
																	7.875	5.500	12120	1900	Surf	Circ	
42	30-015-39929	MEWBOURNE OIL CO	ZIRCON 2 LI STATE	001H	Oil	Active	2030	S	310	W	L	2	19S	29E	4/8/2012	8093	17.500	13.375	270	1070	Surf	Circ	8253-12450 [60660] TURKEY TRACK; BONE SPRING
																	12.250	9.625	1300	500	Surf	Circ	
																	8.750	7.000	8165	1100	Surf	Circ	
																	6.125	4.500	12450				
43	30-015-40572	MEWBOURNE OIL CO	ZIRCON 2 EH STATE	001H	Oil	Active	1980	N	150	W	E	2	19S	29E	10/7/2012	8080	17.500	13.375	255	489	Surf	Circ	8337-12490 [60660] TURKEY TRACK; BONE SPRING
																	12.250	9.625	1304	718	Surf	Circ	
																	8.750	7.000	8236	1010	Surf	Circ	
																	6.125	4.500	12490	8014			
44	30-015-41133	MEWBOURNE OIL CO	ZIRCON 2 DA STATE	001H	Oil	Active	560	N	150	W	D	2	19S	29E	3/17/2013	8038	17.500	13.375	250	555	Surf	Circ	8262-12420 [60660] TURKEY TRACK; BONE SPRING
																	12.250	9.625	1326	500	Surf	Circ	
																	8.750	7.000	8208	1050	Surf	Circ	
																	6.125	4.500	7980	12435			
45	30-015-42028	MEWBOURNE OIL CO	ZIRCON 2 B1 EH STATE	002H	Oil	Active	2200	N	320	W	E	2	19S	29E	5/27/2014	7017	17.500	13.375	334	350	Surf	Circ	7257-11330 [60660] TURKEY TRACK; BONE SPRING
																	12.250	9.625	1301	500	Surf	Circ	
																	8.750	7.000	7187	750	Surf	Circ	
46	30-015-42851	MEWBOURNE OIL CO	GOBBLER 5 B2PM STATE COM	001H	Oil	Active	330	S	300	E	P	5	19S	29E	1/8/2015	7783	17.500	13.375	414	755	Surf	Circ	8234-12220 [49553] PALMILLO; BONE SPRING, EAST
																	12.250	9.625	1104	450	Surf	Circ	
																	8.750	7.000	8176	1000	Surf	Circ	
47	30-015-42954	MEWBOURNE OIL CO	GOBBLER 5 B2IL STATE COM	001H	Oil	Active	1750	S	300	E	I	5	19S	29E	7/19/2016	7733	17.500	13.375	456	805	Surf	Circ	7952-12295 [49553] PALMILLO; BONE SPRING, EAST
																	12.250	9.625	1107	400	Surf	Circ	
																	8.750	5.500	12302	2525	Surf	Circ	
48	30-015-44053	MEWBOURNE OIL CO	SAPPHIRE 11 12 B2NN STATE COM	001H	Oil	Active	500	S	1500	W	N	11	19S	29E	9/19/2018	8125	17.500	13.375	420	763	Surf	Circ	8076-14269 [60660] TURKEY TRACK; BONE SPRING
																	12.250	9.625	1415	450	Surf	Circ	

																	8.750	7.000	8270	350	Surf	Circ			
																	6.125	4.500	14269	350	Surf	Circ			
49	30-015-44109	OXY USA WTP LIMITED PARTNERSHIP	TURKEY TRACK 9 10 STATE	032H	Oil	Active	2180	N	395	E	H	8	19S	29E	6/12/2017	8881	17.500	13.375	381	372	Surf	Circ	9226-19045 [60660] TURKEY TRACK; BONE SPRING		
																	12.250	9.625	3896	1385	Surf	Circ			
																	8.750	5.500	19222	2819	Surf	Circ			
50	30-015-44159	OXY USA WTP LIMITED PARTNERSHIP	TURKEY TRACK 8 7 STATE	033H	Oil	Active	1444	S	570	W	L	9	19S	29E	5/15/2019	8665	17.500	13.375	268	420	Surf	Circ	8994-19050 [60660] TURKEY TRACK; BONE SPRING		
																	12.250	9.625	3157	829	Surf	Circ			
																	8.500	5.500	19129	2903	Surf	Circ			
51	30-015-44160	OXY USA WTP LIMITED PARTNERSHIP	TURKEY TRACK 8 7 STATE	034H	Oil	Active	1414	S	570	W	L	9	19S	29E	5/15/2019	8798	17.500	13.370	267	460	Surf	Circ	9222-19278 [60660] TURKEY TRACK; BONE SPRING		
																	12.250	9.625	3132	829	Surf	Circ			
																	8.500	5.500	19340	2875	Surf	Circ			
52	30-015-44193	OXY USA WTP LIMITED PARTNERSHIP	TURKEY TRACK 9 10 STATE	031H	Oil	Active	557	N	693	E	A	8	19S	29E	5/10/2018	8988	17.500	13.375	284	600	Surf	Circ	8896-19199 [60660] TURKEY TRACK; BONE SPRING		
																	12.250	9.625	3111	1126	Surf	Circ			
																	8.500	5.500	19344	3383	Surf	Circ			
53	30-015-44194	OXY USA WTP LIMITED PARTNERSHIP	TURKEY TRACK 9 10 STATE	033H	Oil	Active	801	S	581	E	P	8	19S	29E	5/9/2018	8901	17.500	13.375	262	595	Surf	Circ	9245-19109 [60660] TURKEY TRACK; BONE SPRING		
																	12.250	9.625	3148	1000	Surf	Circ			
																	8.500	5.500	19244	2895	Surf	Circ			
54	30-015-44195	OXY USA WTP LIMITED PARTNERSHIP	TURKEY TRACK 9 10 STATE	034H	Oil	Active	786	S	555	E	P	8	19S	29E	5/8/2018	8923	17.500	13.375	265	530	Surf	Circ	9230-19088 [60660] TURKEY TRACK; BONE SPRING		
																	12.250	9.625	3150	1000	Surf	Circ			
																	8.500	5.500	19229	2755	Surf	Circ			
55	30-015-44266	OXY USA WTP LIMITED PARTNERSHIP	TURKEY TRACK 8 7 STATE	031H	Oil	Active	1149	N	475	W	D	9	19S	29E	5/22/2019	8732	17.500	13.375	273	965	Surf	Circ	9096-19194 [60660] TURKEY TRACK; BONE SPRING		
																	12.250	9.625	3140	911	Surf	Circ			
																	8.500	5.500	19268	2866	Surf	Circ			
56	30-015-44267	OXY USA WTP LIMITED PARTNERSHIP	TURKEY TRACK 8 7 STATE	032H	Oil	Active	1184	N	475	W	D	9	19S	29E	5/23/2019	8772	17.500	13.375	273	964	Surf	Circ	9070-19167 [60660] TURKEY TRACK; BONE SPRING		
																	12.250	9.625	3109	900	Surf	Circ			
																	8.500	5.500	19240	2863	2600	Calc			
57	30-015-44324	MATADOR PRODUCTION COMPANY	SST 6 STATE	124H	Oil	Active	499	S	185	E	P	6	19S	29E	2/20/2018	7601	17.500	13.375	395	741	Surf	Circ	7907-12118 [49553] PALMILLO; BONE SPRING, EAST		
																	12.250	9.625	2416	831	Surf	Circ			
																	8.750	5.500	12240	2186	Surf	Circ			
58	30-015-44325	MATADOR PRODUCTION COMPANY	SST 6 STATE	123H	Oil	Active	1871	S	85	E	I	6	19S	29E	3/10/2018	7644	17.500	13.375	398	980	Surf	Circ	7888-12099 [49553] PALMILLO; BONE SPRING, EAST		
																	12.250	9.625	2410	818	Surf	Circ			
																	8.750	5.500	12243	2240	Surf	Circ			
59	30-015-44334	OXY USA WTP LIMITED PARTNERSHIP	TURKEY TRACK 4 3 STATE	031H	Oil	Active	1121	N	570	W	D	4	19S	29E	10/5/2017	8808	17.500	13.375	414	605	Surf	Circ	8731-18821 [60660] TURKEY TRACK; BONE SPRING		
																	12.250	9.625	2810	1066	Surf	Circ			
																	8.500	5.500	19014	3057	Surf	Circ			
60	30-015-44386	OXY USA WTP LIMITED PARTNERSHIP	TURKEY TRACK 4 3 STATE	032H	Oil	Active	1156	N	570	W	D	4	19S	29E	10/3/2017	8914	17.500	13.375	409	720	Surf	Circ	8973-18968 [60660] TURKEY TRACK; BONE SPRING		
																	12.250	9.625	3000	896	Surf	Circ			
																	6.750	5.500	19101	1070	Surf	Circ			
61	30-015-44411	OXY USA WTP LIMITED PARTNERSHIP	TURKEY TRACK 4 3 STATE	033H	Oil	Active	1435	S	360	W	L	4	19S	29E	5/12/2018	8994	17.500	13.375	284	888	Surf	Circ	8826-18877 [60660] TURKEY TRACK; BONE SPRING		
																	12.250	9.625	3150	945	Surf	Circ			
																	8.500	5.500	19051	2710	Surf	Circ			
62	30-015-44432	OXY USA WTP LIMITED PARTNERSHIP	TURKEY TRACK 4 3 STATE	034H	Oil	Active	1400	S	360	W	L	4	19S	29E	5/11/2018	8913	17.500	13.375	284	999	Surf	Circ	8985-18808 [60660] TURKEY TRACK; BONE SPRING		
																	12.250	9.625	3020	945	Surf	Circ			
																	8.500	5.500	18993	2720	Surf	Circ			
63	30-015-44664	MEWBOURNE OIL CO	GOBBLER 5 B2AD STATE	001H	Oil	Active	1130	N	205	E	A	5	19S	29E	3/25/2018	7718	17.500	13.375	445	751	Surf	Circ	7964-12500 [49553] PALMILLO; BONE SPRING, EAST		
																	12.250	9.625	1147	300	Surf	Circ			
																	8.375	7.000	8040	900	Surf	Circ			
																	6.125	4.500	12500	275	Surf	Circ			
64	30-015-44665	MEWBOURNE OIL CO	GOBBLER 5 B2HE STATE	001H	Oil	Active	1180	N	205	E	H	5	19S	29E	4/12/2018	7722	17.500	13.375	453	300	Surf	Circ	8023-12570 [49553] PALMILLO; BONE SPRING, EAST		
																	12.250	9.625	1100	300	Surf	Circ			
																	8.750	7.000	8145	850	Surf	Circ			
																	6.125	4.500	12570	275	Surf	Circ			
65	30-015-45020	MEWBOURNE OIL CO	SAPPHIRE 11 12 B2KK STATE COM	001H	Oil	Active	500	S	1470	W	N	11	19S	29E	10/9/2018	8150	17.500	13.375	456	1382	Surf	Circ	8227-14510 [60660] TURKEY TRACK; BONE SPRING		
																	12.250	9.625	1405	450	Surf	Circ			
																	8.750	7.000	8415	900	Surf	Circ			
																	6.125	4.500	14510	325	Surf	Circ			
66	30-015-45550	CIMAREX ENERGY CO. OF COLORADO	PARKWAY 15 14 NORTH STATE COM	001H	Oil	Active	1210	N	390	W	D	15	19S	29E	3/9/2020	8977	17.500	13.375	245	432	Surf	Circ	9040-18899 [60660] TURKEY TRACK; BONE SPRING		
																	12.250	9.625	3101	1549	Surf	Circ			
																	8.750	7.000	8295	0	Surf	Circ			
																	8.5	5.500	18975	3620	Surf	Circ			
67	30-015-45559	MEWBOURNE OIL CO	SAPPHIRE 11 12 B3LK STATE COM	002H	Oil	Active	1350	S	285	W	L	11	19S	29E	2/8/2019	9135	17.500	13.375	430	680	Surf	Circ	9109-16450 [60660] TURKEY TRACK; BONE SPRING		
																	12.250	9.625	1413	500	Surf	Circ			
																	8.750	7.000	9199	975	Surf	Circ			
68	30-015-45560	MEWBOURNE OIL CO	SAPPHIRE 11 12 B3MN STATE COM	002H	Oil	Active	1300	S	285	W	M	11	19S	29E	1/13/2019	9219	17.500	13.375	445	980	Surf	Circ	9216-16585 [60660] TURKEY TRACK; BONE SPRING		
																	12.250	9.625	1405	475	Surf	Circ			
																	8.750	7.000	9343	975	Surf	Circ			
																	6.125	4.500	16585	425	Surf	Circ			
69	30-015-46208	MEWBOURNE OIL CO	WISHBONE 35 34 B2PM FEDERAL COM	001H	Oil	Active	670	S	275	E	I	35	18S	29E	11/29/2019	7917	6.125	4.500	18295	675	Surf	Circ	8186-18236 [60660] TURKEY TRACK; BONE SPRING		
																	17.5	13.375	342	550	Surf	Circ			
																	12.25	9.625	1280	475	Surf	Circ			
																	8.75	7.000	8390	950	Surf	Circ			
70	30-015-46267	MEWBOURNE OIL CO	WISHBONE 35 34 B3PM FEDERAL COM	002H	Oil	Active	640	S	275	E	P	35	18S	29E	12/18/2019	6887	17.5	13.375	345	400	Surf	Circ	9165-19227 [60660] TURKEY TRACK; BONE SPRING		
																	12.24	9.625	1275	475	Surf	Circ			
																	9.625	7.000	9390	400	Surf	Circ			
																	6.125	4.500	19283	675	Surf	Circ			
71	30-015-46295	MEWBOURNE OIL CO	SAPPHIRE 11 12 B3EF STATE COM	002H	Oil	Active	1495	N	360	W	E	11	19S	29E	11/4/2019	9182	17.500	13.375	208	200	Surf	Circ	9149-16571 [60660] TURKEY TRACK; BONE SPRING		
																	12.250	9.625	1345	250	Surf	Circ			
																	8.750	7.000	9315	1050	Surf	Circ			
																	6.125	4.500	16630	550	Surf	Circ			

72	30-015-46296	MEWBOURNE OIL CO	SAPPHIRE 11 12 B3DC STATE COM	002H	Oil	Active	1465	N	360	W	E	11	19S	29E	10/11/2019	9051	17.500	13.375	215	299	Surf	Circ	9051-16506 [60660] TURKEY TRACK; BONE SPRING
																	12.250	9.625	1350	346	Surf	Circ	
																	8.750	7.000	9175	861	Surf	Circ	
																	6.125	4.500	16565	500	Surf	Circ	
73	30-015-46335	CIMAREX ENERGY CO. OF COLORADO	PARKWAY 15 14 NORTH STATE COM	002H	Oil	Active	1230	N	390	W	D	15	19S	29E	3/8/2020	9105	17.500	13.375	245	432	Surf	Circ	9040-18997 [60660] TURKEY TRACK; BONE SPRING
																	12.250	9.625	3098	1485	Surf	Circ	
																	8.750	7.000	8445		Surf		
																	8.5	5.500	19174	3675	Surf	Circ	
74	30-015-46725	MEWBOURNE OIL CO	GOBBLER 5 6 B3PM STATE COM	002H	Oil	Active	1280	S	250	E	P	5	19S	29E	2/19/2021	8630	6.125	4.500	18733	825	Surf	Circ	8850-18677 [49553] PALMILLO; BONE SPRING, EAST
																	17.5	13.375	460	400	Surf	Circ	
																	12.25	9.625	1140	375	Surf	Circ	
																	8.75	7.000	9233	950	Surf	Circ	
75	30-015-46726	MEWBOURNE OIL CO	GOBBLER 5 6 B3IL STATE COM	002H	Oil	Active	1310	S	250	E	P	5	19S	29E	1/24/2021	8608	17.500	13.375	455	850	Surf	Circ	8903-18653 [49553] PALMILLO; BONE SPRING, EAST
																	12.25	9.625	1125	325	Surf	Circ	
																	8.75	7	8617	925	Surf	Circ	
																	6.125	4.500	18709	750	Surf	Circ	
76	30-015-48115	COLGATE OPERATING, LLC	ATLAS 18 STATE FED COM	132H	Oil	Active	1117	N	2196	W	C	18	19S	29E	7/28/2021	8591	17.5	13.375	463	455	Surf	Circ	9242-15897 [55510] SCANLON DRAW; BONE SPRING
																	12.25	9.625	3080	750	Surf	Circ	
																	8.75	5.500	16111	1855	Surf	Circ	
77	30-015-48116	COLGATE OPERATING, LLC	ATLAS 18 STATE FED COM	131H	Oil	Active	1027	N	2197	W	C	18	19S	29E	7/9/2021	8730	17.5	13.375	464	535	Surf	Circ	9157-15743 [55510] SCANLON DRAW; BONE SPRING
																	12.25	9.625	3058	730	Surf	Circ	
																	8.75	5.500	15955	1840	Surf	Circ	
78	30-015-48117	COLGATE OPERATING, LLC	ATLAS 18 STATE FED COM	122H	Oil	Active	1072	N	2197	W	C	18	19S	29E	8/31/2021	8730	17.5	13.375	462	455	Surf	Circ	8191-14885 [55510] SCANLON DRAW; BONE SPRING
																	12.25	9.625	3095	750	Surf	Circ	
																	8.75	5.500	15094	1870	Surf	Circ	
79	30-015-48619	COLGATE OPERATING, LLC	ATLAS 18 STATE FED COM	121H	Oil	Active	982	N	2197	W	C	18	19S	29E	8/17/2021	7737	17.5	13.375	457	455	Surf	Circ	8094-14789 [55510] SCANLON DRAW; BONE SPRING
																	12.25	9.625	3072	750	Surf	Circ	
																	8.75	5.500	14997	2138	Surf	Circ	
80	30-015-37632	CIMAREX ENERGY CO. OF COLORADO	MAGNUM STATE 16	003H	OIL	Active	330	S	810	E	P	16	19S	29E	4/8/2010	7857	17.5	13.375	450	882	Surf	circ	7506-12340 [55510] SCANLON DRAW; BONE SPRING
																	12.25	9.625	2520	815	Surf	Circ	
																	8.75	7	7600	970	Surf	Calc	
																	6.125	4.5	7491-12205	NA- OH PACKER ASSEMBLY			

Well AOR #31


CIMAREX
KB - 18' above GL
Cimarex Energy Co. of Colorado
Parkway 11 State Com #2H
SHL - 330' FNL & 1980' FWL
BHL - 330' FSL & 1980' FWL
Sec. 11, T-19-S, R-29-E, Eddy Co., NM
Dean Pearson 2/8/2016
30-015-37874
DxA MUD
PxA MUD
PxA MUD.
PxA
PxA MUD
20" Conductor @ 80'
CIRC. 25 SXS. @ 63'-8'.
13-3/8" 48# ST&C csg @ 452'
cmtd w/ 1041 sx, TOC @ surface
Pump 100 SXS. @ 502'
Tag 190'
Pump 50 SXS. @ 1120'
Tag 936'
TOC @ 2000' by TS
9-5/8" HCP-110 LT&C csg @ 2522'
cmtd w/ 915 sx, TOC @ surface
Pump 60 SXS. @
Tag 2621'-2528'
Pulled & LD 68 JTS 5-1/2" 17# P-110 LT&C (10/13/15)
Top of 5-1/2" @ ~2,571'
(Casing was parted @ connection)
T/ANHY. - 286'
T/SALT. - 260'
B/SALT, ANHY. - 1070'
T/B.S. 6915
Pump 25sxs 4795'-4655'
Pump
60 sxs 7320'-6830'
Top of Target Injection Formation (2BS) 7738' MD
Pump 25 SXS.
7700'-7320' (tagged)
Pump 25 SXS @ 7700'-7580'.
SET 5 1/2" CIBP @ 7700'.
2nd Bone Spring Perfs (8000' - 11909') MD
5-1/2 17# P-110 LT&C csg @ 11960'
cmtd w/ 1975 sx,
TOC @ 2000'
KOP @ 7767'
178.29° azimuth
Drilled out to 7787'
200 sxs cmt on top of plug
Cmt Plug @ 7958'
PBTD @ 11,916' (MD) & 8019' (TVD)
TD @ 11969' (MD) & 8019' (TVD)
2 CIBP @ 11,918 & 11,919'
TD @ 8300'
DAE 03/01/16

Geology

Turkey Track 2nd Bone Spring storage zone and permeability barriers

Proposed Storage Zone

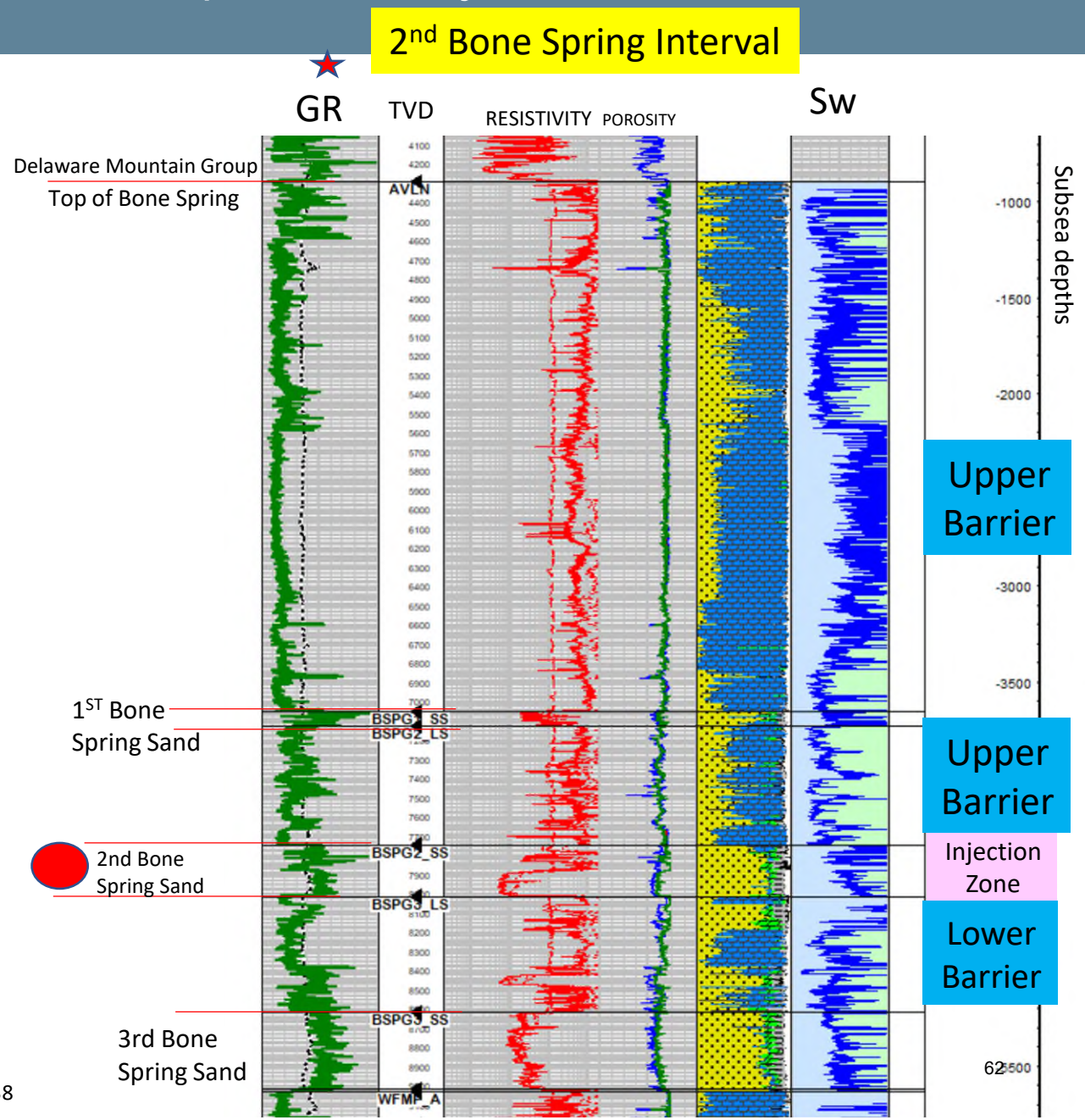
- 2nd Bone Spring Sand
  - > Reservoir composed of tight siltstone. Core data indicates that the grain sizes range from coarse siltstone to very-fine-grained subarkose (Folk, 1980) sandstone. Samples show evidence of moderate compaction. Minor amounts of illite and smectite clays are found throughout the samples ranging from 5% to 15%. Cements are Fe-calcite, Fe-dolomite, pore-bridging illite and some quartz overgrowths. Minor amounts of pyrite (<1%) are present. The resulting reservoir rock has porosity of 8-18% with an average porosity of 9.7%. Permeability measured by injection fall-off tests conducted within the reservoir ranges from 10 millidarcies to 0.003 millidarcies. Siliceous mudstone with natural permeability in the nano-darcy range

Adjacent Oil & Gas Production Zones

- Delaware Mountain Group
  - > Very fine-grained sandstone with permeability in the 100-10 millidarcy range
- 1st Bone Spring Sand
  - > Reservoir composed of tight siltstone. Core data indicates that the grain sizes range from coarse siltstone to very-fine-grained subarkose (Folk, 1980) sandstone. Samples show evidence of moderate compaction. Minor amounts of illite and smectite clays are found throughout the samples ranging from 5% to 15%. Cements are Fe-calcite, Fe-dolomite, with some quartz overgrowths. Minor amounts of pyrite (<1%) are present. The resulting reservoir rock has porosity of 8-18% with an average porosity of 11.7%. Permeability measured by injection fall-off tests conducted within the reservoir ranges from 0.02 millidarcies to 0.001 millidarcies.
- 3rd Bone Spring Sand
  - > Reservoir composed of tight siltstone. Core data indicates that the grain sizes range from coarse siltstone to very-fine-grained subarkose (Folk, 1980) sandstone. Samples show evidence of moderate compaction. Minor amounts of illite and smectite clays are found throughout the samples ranging from 5% to 15%. Cements are Fe-calcite, Fe-dolomite, with some quartz overgrowths. Minor amounts of pyrite (<1%) are present. The resulting reservoir rock has porosity of 8-18% with an average porosity of 11.7%. Permeability measured by injection fall-off tests conducted within the reservoir ranges from 0.02 millidarcies to 0.001 millidarcies.

Confining Layers

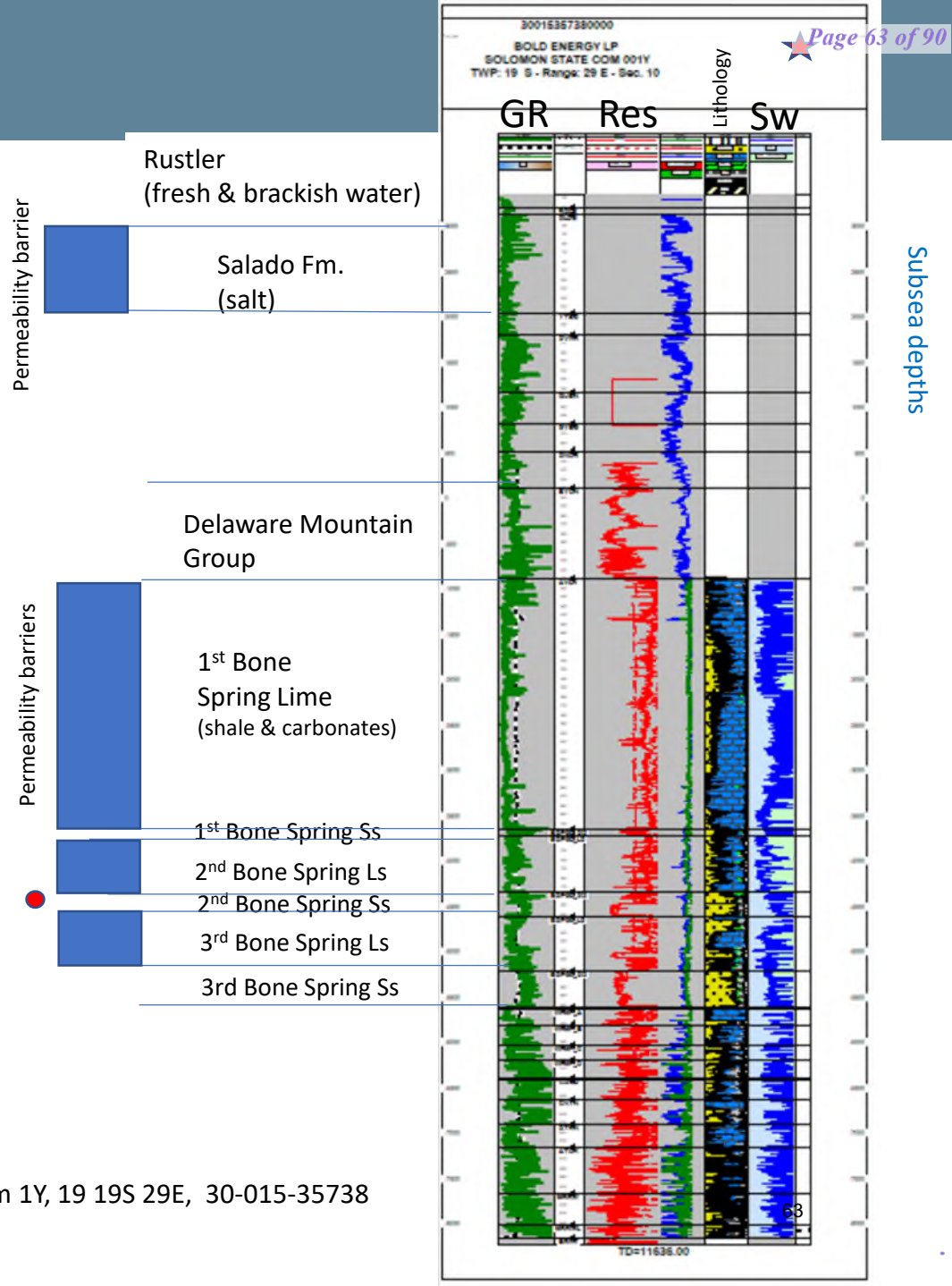
- Low-permeability barriers act as seals above and below the reservoir. These barriers consist of carbonate mudstone, dolomudstone, and shales within the Bone Spring that are ~2,760 ft. thick above 1st BS Sand.
- 2nd Bone Spring Limestone (~619 ft.) is upper permeability barrier between 2nd BS Sand and 1st BS Sand. Tight dolomudstones and shale.
- Laterally the injection will be primarily contained by the reservoir volume that has been previously and partially depleted by the adjacent producing wells. The tight low-permeability reservoir and the production from the adjacent wells will be the primary constraints on the conformance of the injection to the project area and are expected to contain the injected gas.
- 3rd Bone Spring Limestone lower permeability barrier (~630 ft.) between 2nd BS Sand and 3rd BS Sand. Tight dolomudstones and shale.



Type Log: Solomon State Com 1Y 19S 29E 19 30-015-35738

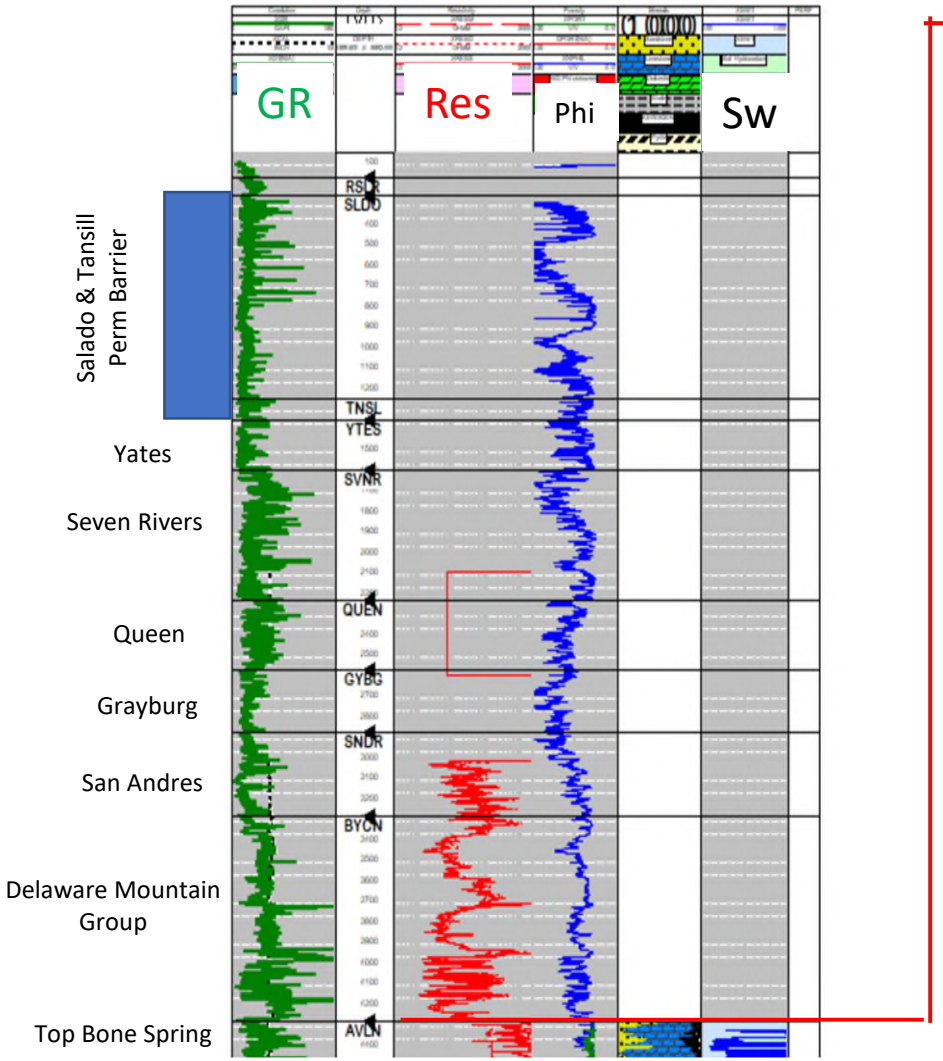
Turkey Track freshwater aquifers

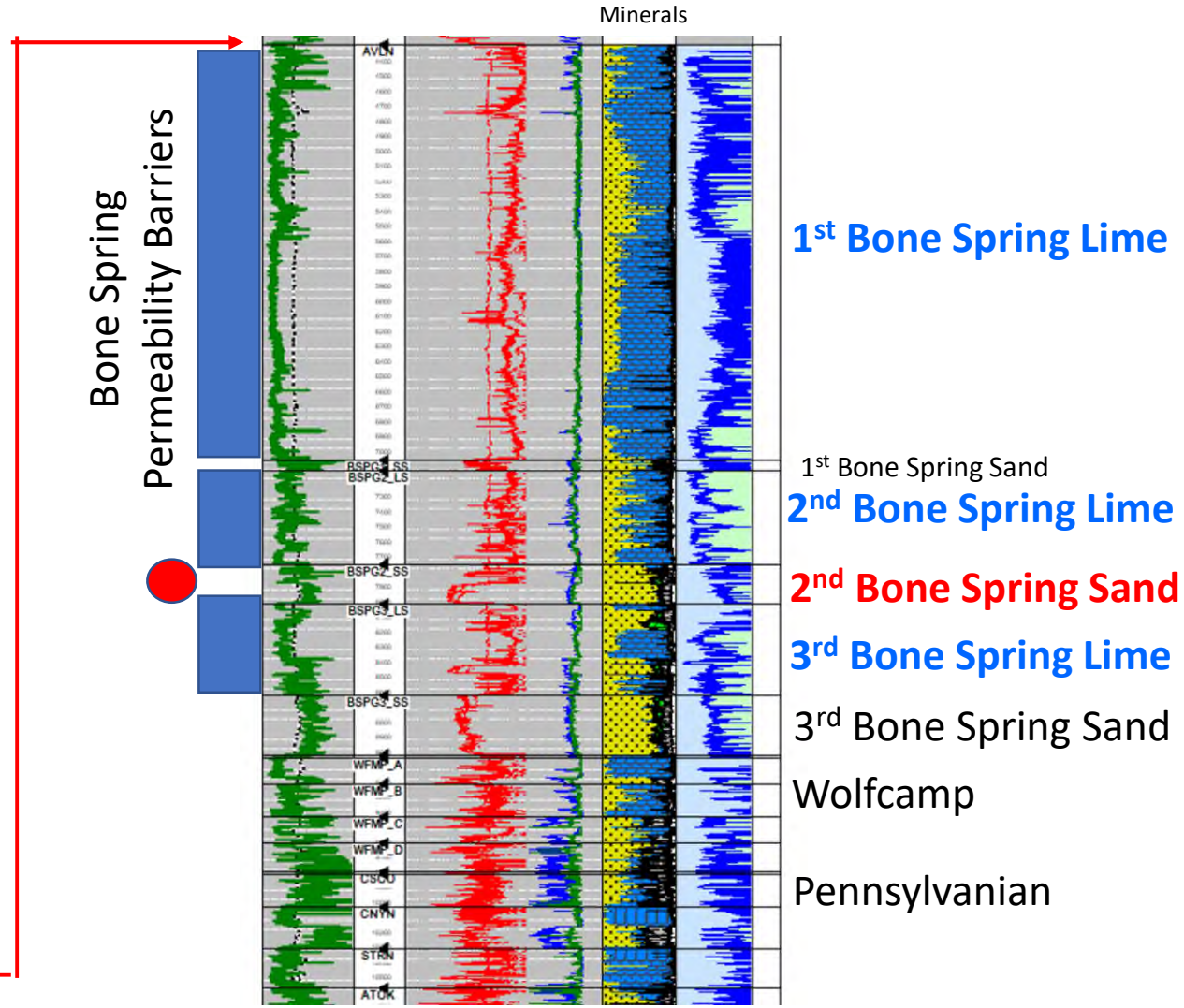
- The top of the Bone Spring Formation is at ~4,287 ft. (log depth) with over 2,670 ft. of carbonate mudstones and shales acting as additional permeability barriers to upward migration of injected gas. These are above 2nd BS Limestone, the first upward permeability barrier.
- Above that the Delaware Mountain Group, San Andres, Grayburg, Queen, Seven Rivers, and Yates Fms. consist of connate-water bearing and hydrocarbon-bearing sands, carbonates, and shales and is over 2,900 ft. thick.
- Above that is the Salado Formation consisting of very low permeability salt, and Tansill that acts as another 1,100 ft. thick barrier to upward movement of fluids. The top of the Salado is at 260 ft. and the aquifers found just above the Salado at the base of the Rustler are brackish water.
- The top of Rustler Formation is at about 170 ft. The Rustler top is a continuous anhydrite layer that acts as another permeability barrier creating a perched aquifer in some places. Because of the thickness of multiple impermeable rock layers above the injection reservoir there is no possible path for migration upward into freshwater aquifers where they exist.



★ Type Log: Solomon State Com 1Y, 19 19S 29E, 30-015-35738

Turkey Track full type log:



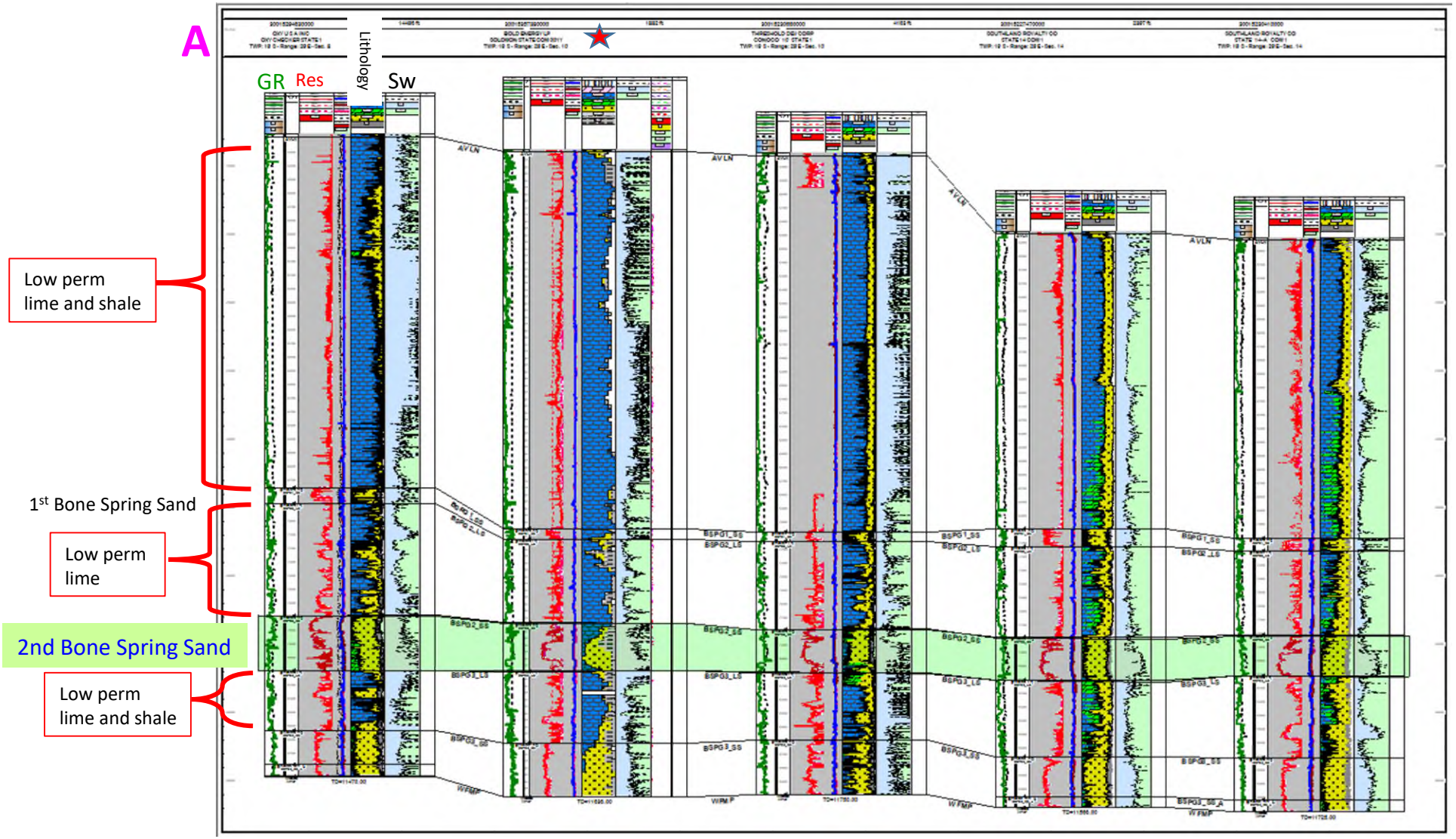


Proposed storage zone: 2nd Bone Spring Sand

Solomon State 1Y, 10 19S 29E, 30-015-35738

Turkey Track Second Bone Spring Sand Cross-section

★ Type log

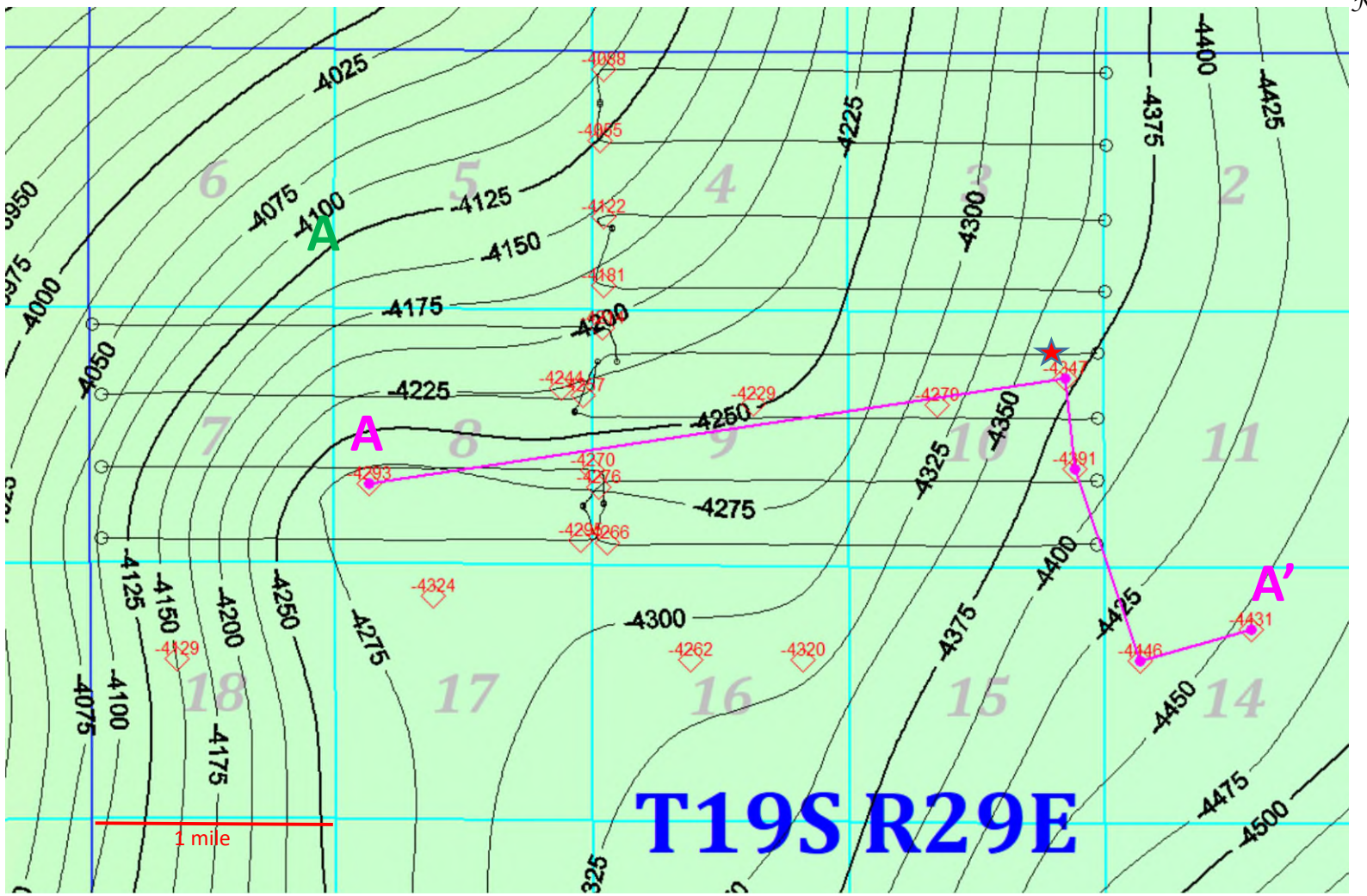


Turkey Track 2nd Bone Spring Sand Top Structure

Cross-section A-A' location

- Posted depths show well control
- Depths are TVD subsea
- Contour interval 25 ft
- Project wells shown

★ Type log



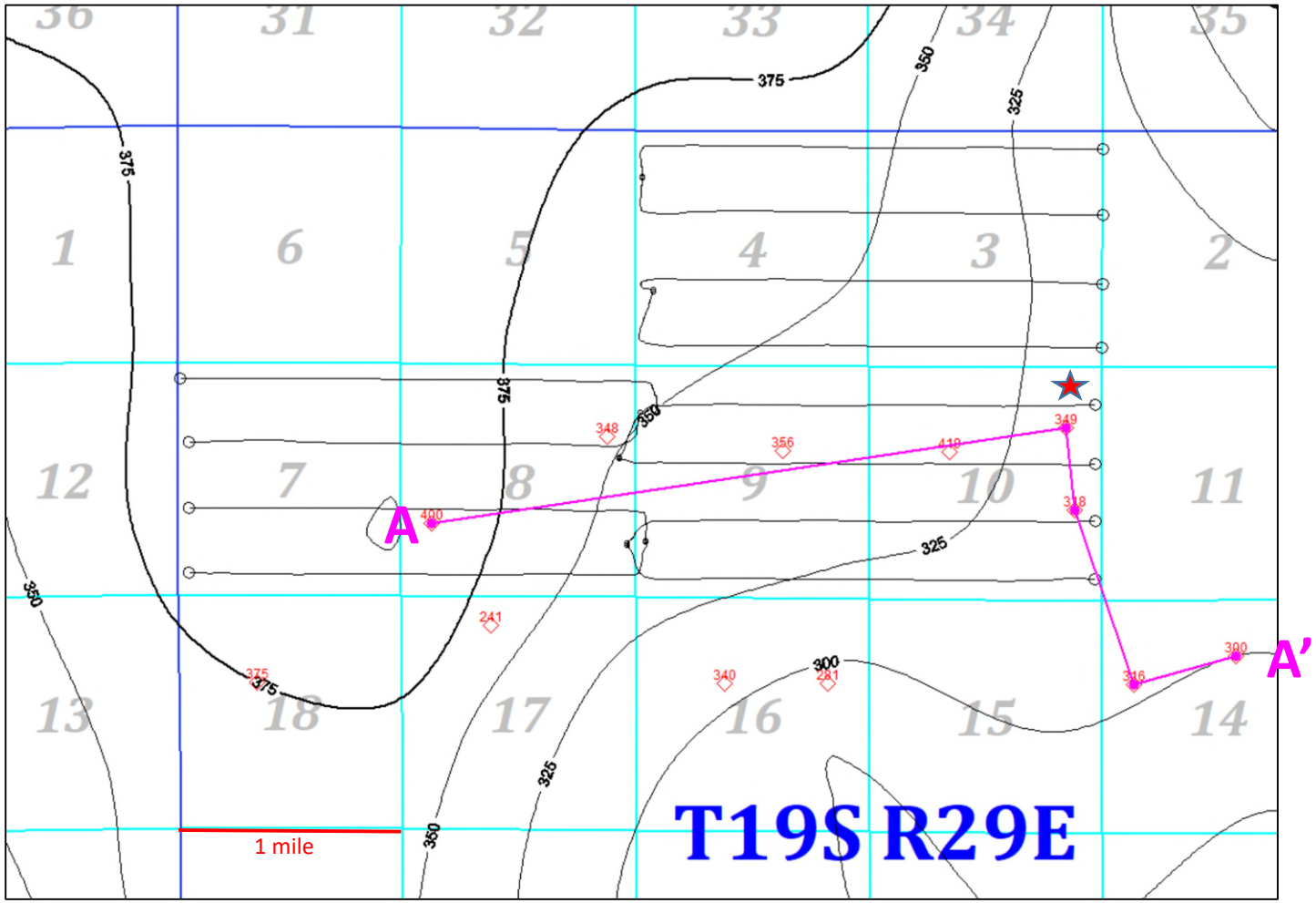
2nd Bone Spring Sand

Second Bone Spring Sand Isochore Map

- Posted depths show well control- thickness
- Contour interval 25 ft
- Project wells shown

★ Type log

North



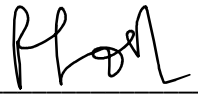
2nd Bone Spring Sand Thickness

Closed Loop Gas Capture (CLGC) Project

Affirmative Statement 1

The operator examined the available geologic and engineering data and found no evidence of open faults or other hydrologic connections between the disposal zone and any underground source of drinking water.

_____ ____6/26/23_____
Tony Troutman, Geologist Date



_____ __6/26/23_____
Rahul Joshi, Reservoir Engineer Date

Reservoir Analysis

CONTENTS

CEDAR CANYON EOR INJECTION MODEL, 2017

Purpose of Model

- Built model to history match EOR line drive gas injection in horizontal wells in unconventional reservoirs for project feasibility.

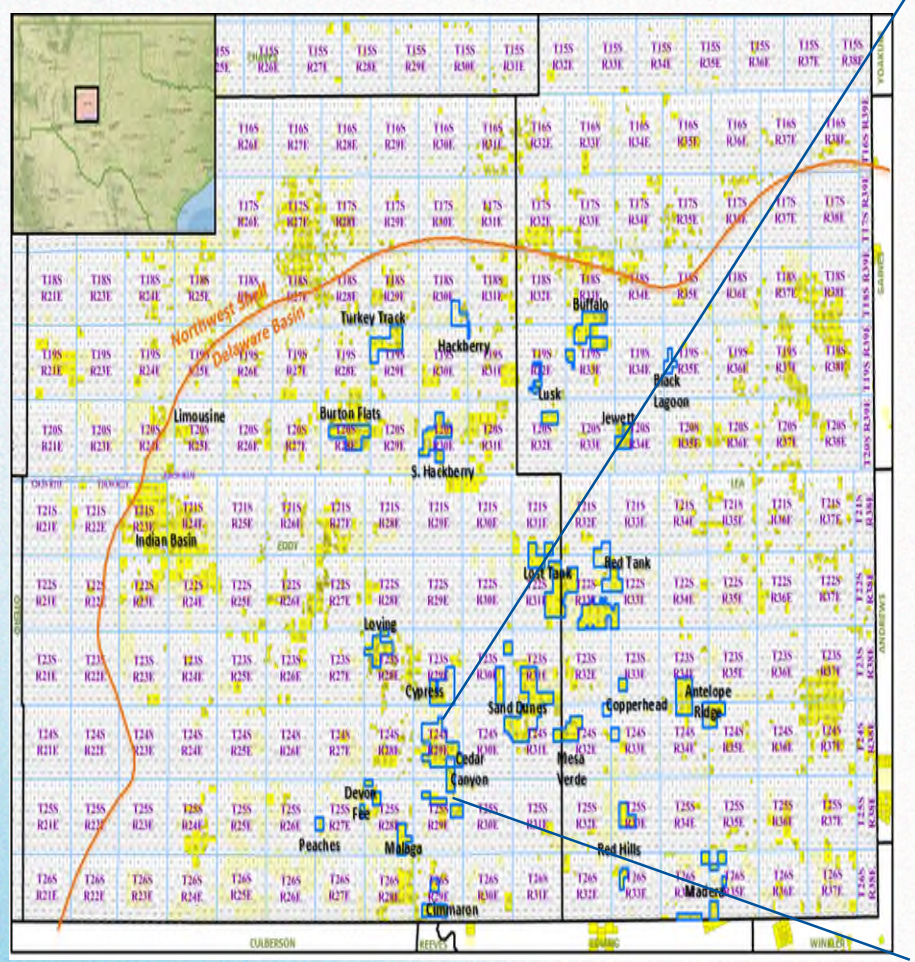
Model Inputs

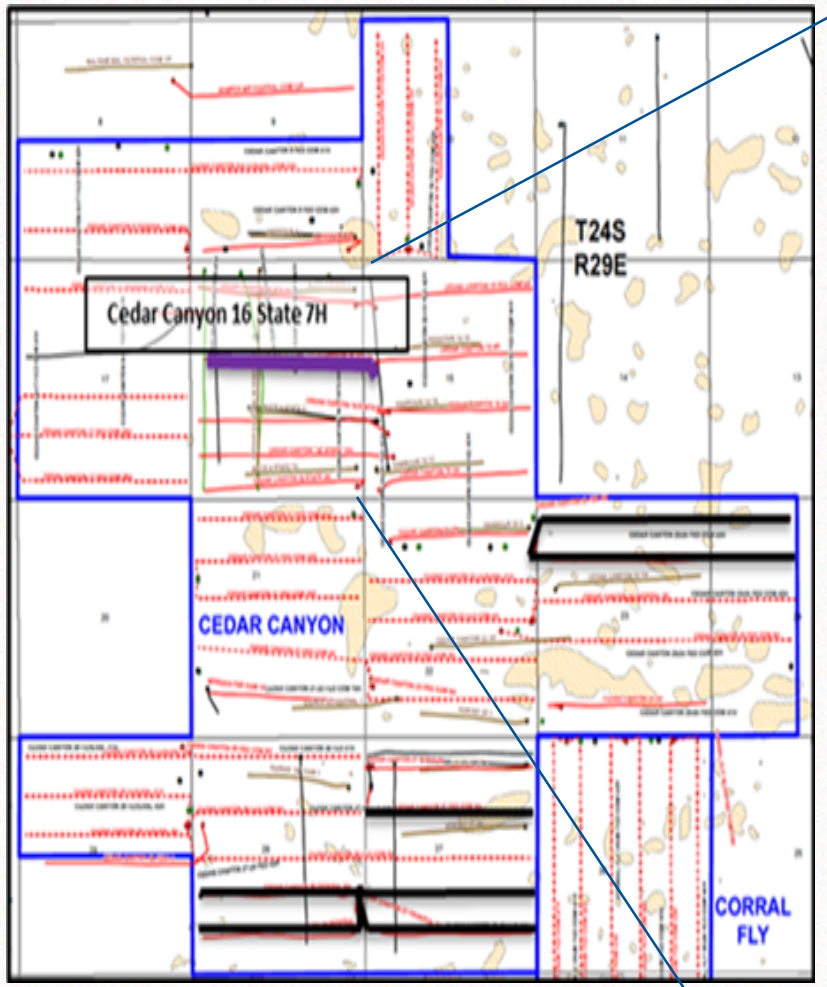
- Horizontal wells with 5,000 ft laterals
- Geologic and Reservoir properties of the Second Bone Spring Sandstone Formation
- 4 Horizontal Wells per section

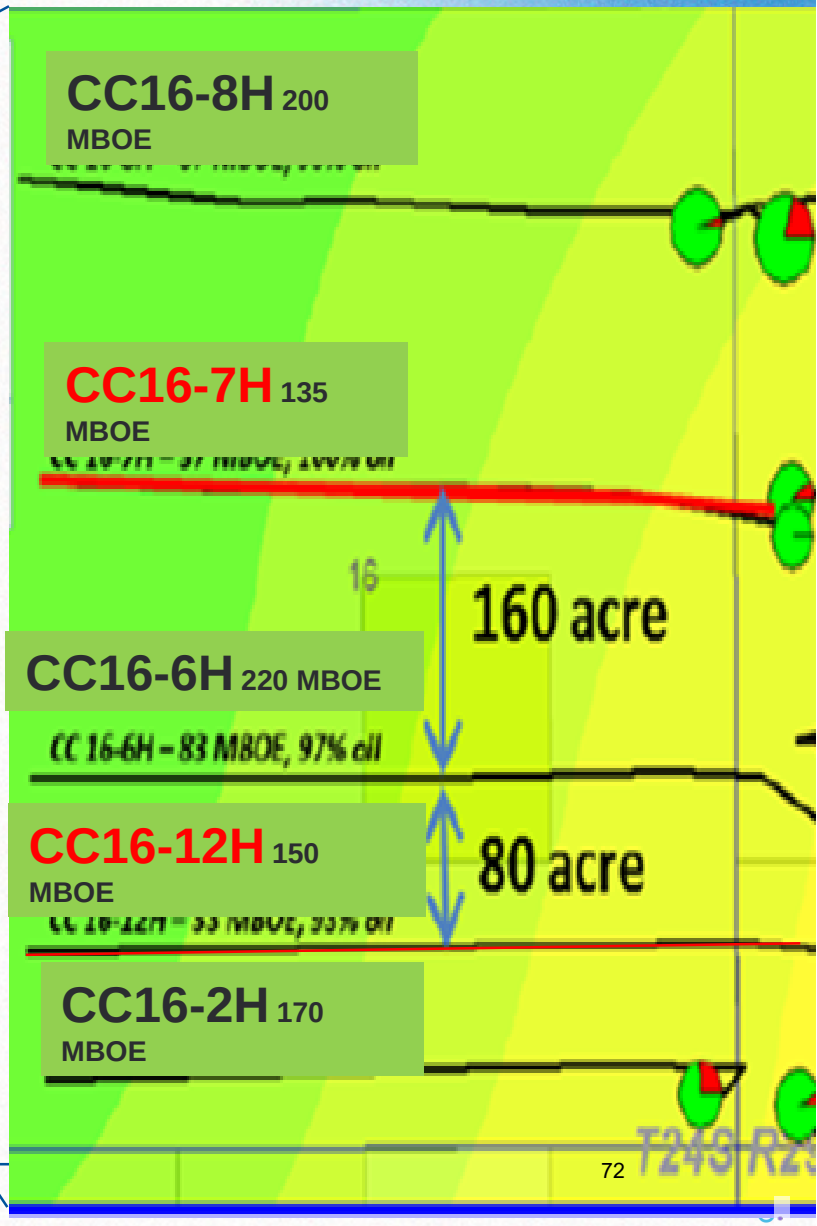
History Match

- Primary production (oil rate, water rate and gas rate) prior to 2017
- EOR injection (gas rate, gas injection pressure) during 2017: High-pressure (4250 psi MASP), high-rate gas injection (7 MMSCFPD, sustained)
- Model incorporates injection gas breakthrough observed in offset wells after 3 months of EOR injection.

MODEL SET-UP







CEDAR CANYON SECTION-16 RESERVOIR MODEL

Location: Lea County,NM

Model Acreage: 640

Pay Horizon: 2nd Bone Springs Sand

Lithology: Sandstone interbedded with Limestone

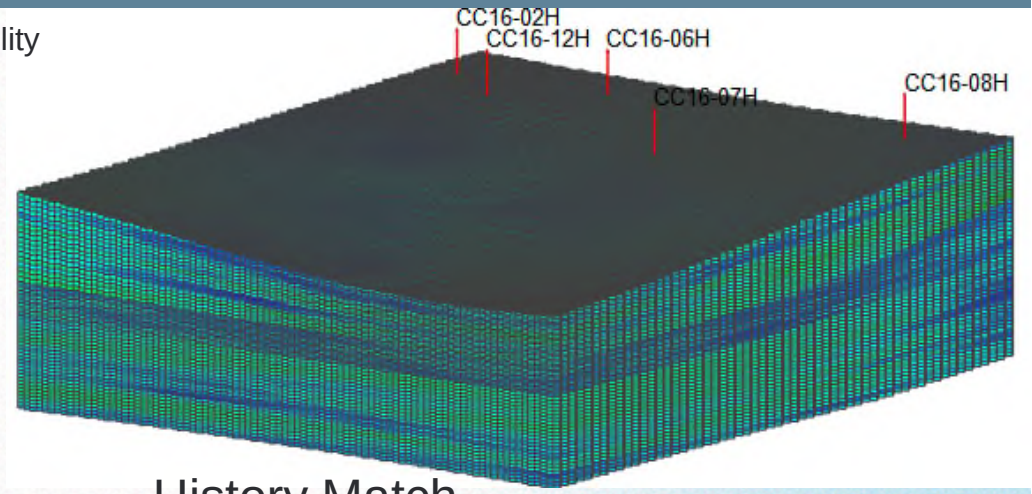
Trap Type: Stratigraphic

Nominal Depth: 8400 ft

Gas Cap (at discovery): No

Primary Drive Mechanism: Solution Gas Drive

Structure & Permeability
1,177,400 Grids
56 Layers



Gross Pay: 320 ft

Net Pay: 320 ft

Avg Porosity: 6.8%

Initial Sw: 50%

Permeability: 0.0003md (matrix)

Initial Reservoir Pressure: 4500 psi

Reservoir Temperature: 150 F

Oil Gravity: 42 API

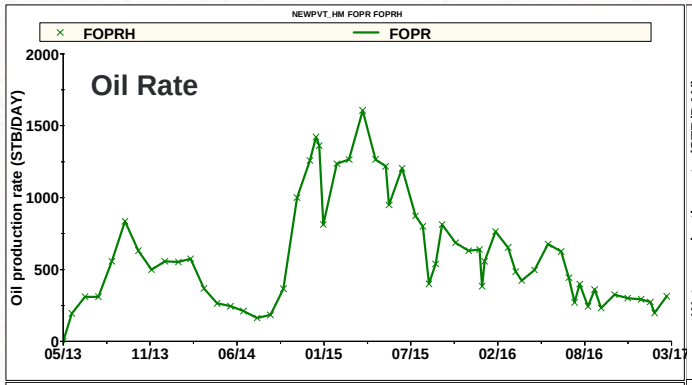
Boi: 1.63 RB/STB

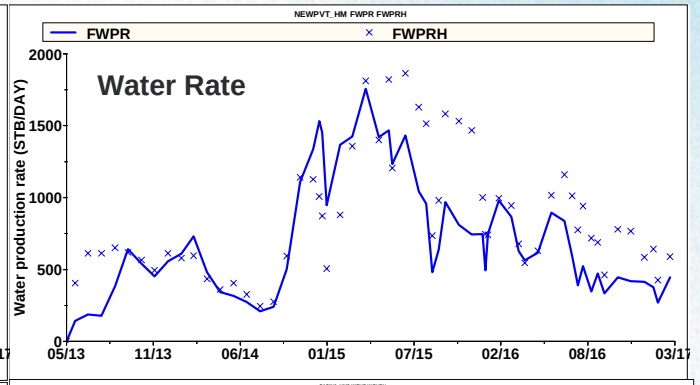
Rsi: 1480 SCF/STB

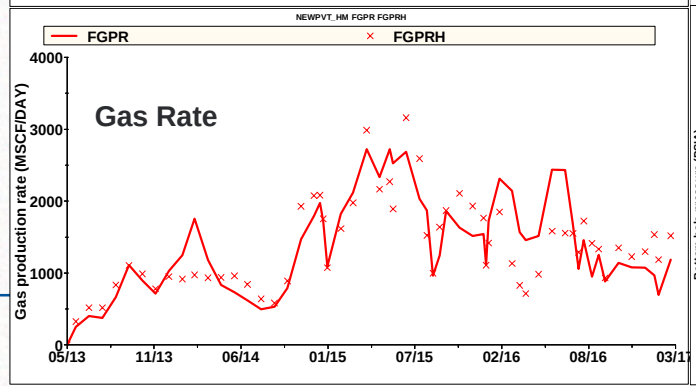
Original Oil in Place: 28 MMSTB

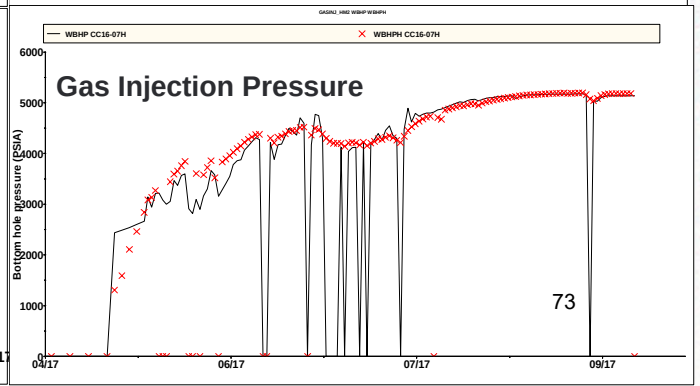
Model Inputs

History Match









PROJECT AND MODEL COMPARISON- EOR INJECTION VS. GAS STORAGE

EOR Injection, 2017

- Higher, Sustained Injection Rate (7MM SCFPD)
- Higher Injection Pressure (4250 psi MASP)
- Longer injection duration (3 months or greater)
- 5,000 ft Laterals

Gas Storage, 2023

- Lower Injection Rate (Initially 3MM SCFPD)
- Lower Injection Pressure (1335 psi MASP)
- Shorter injection duration (a couple weeks or less)
- 10,000 ft Laterals

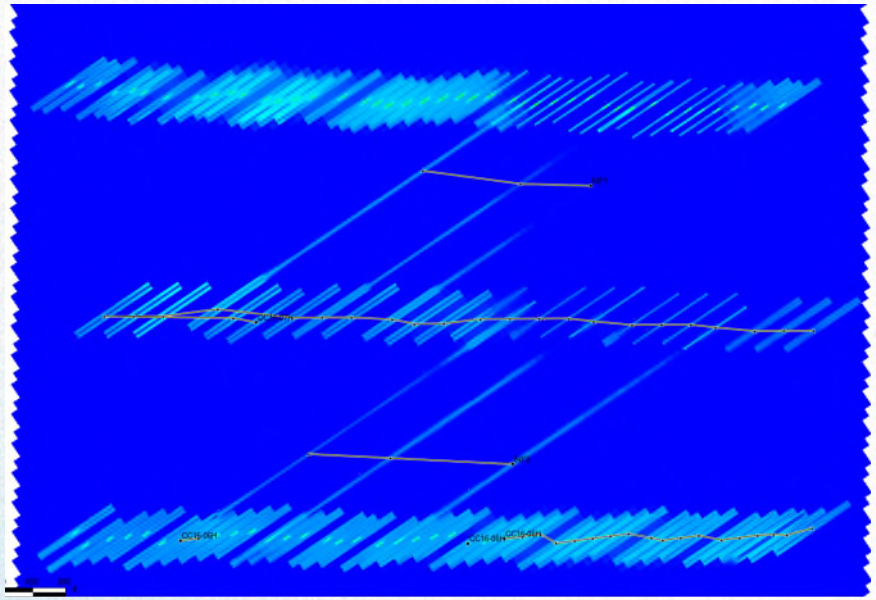
Both

- Injection of Treated, Produced Gas
- Hydraulically fractured Horizontal wells
- Bone Springs Reservoir
- 4 WPS

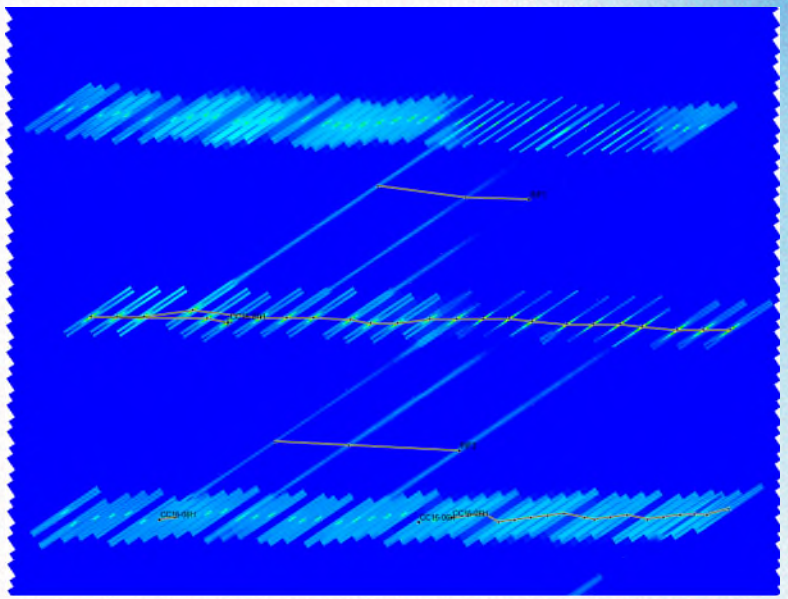
GAS STORAGE SIMULATION PROCESS

- Run primary production for all wells for additional period (post history match)
- Inject gas in injection well at 3MMSCFPD for 7 days
- Produce the injection well post injection
- No positive or negative effect seen on oil recovery of storage wells and offset wells

GAS INJECTION PROFILE (1 WEEK INJECTION)



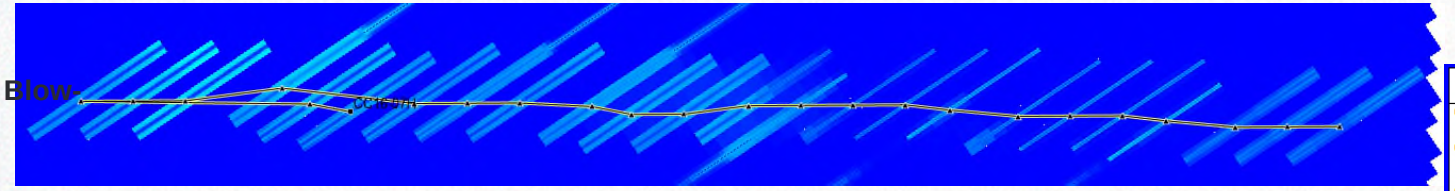
Before injection



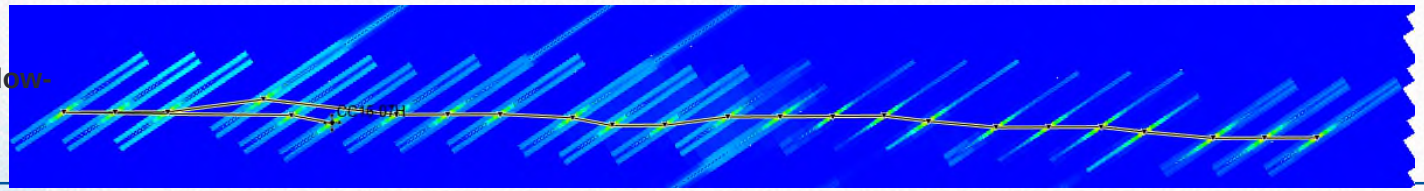
After 1 week of injection (3 MMSCFPD)

21 MMSCF Cum Gas

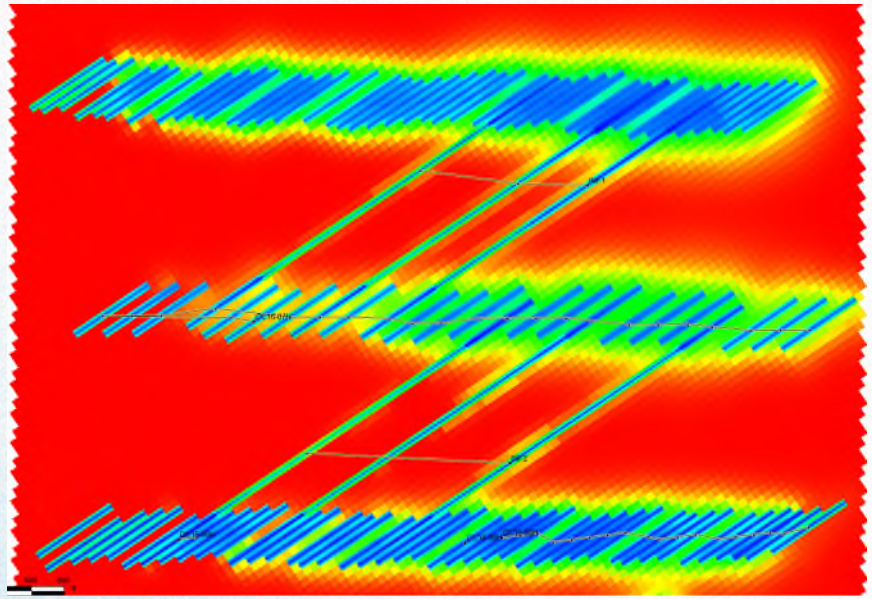
Before Injection CC16-7H Blow-up



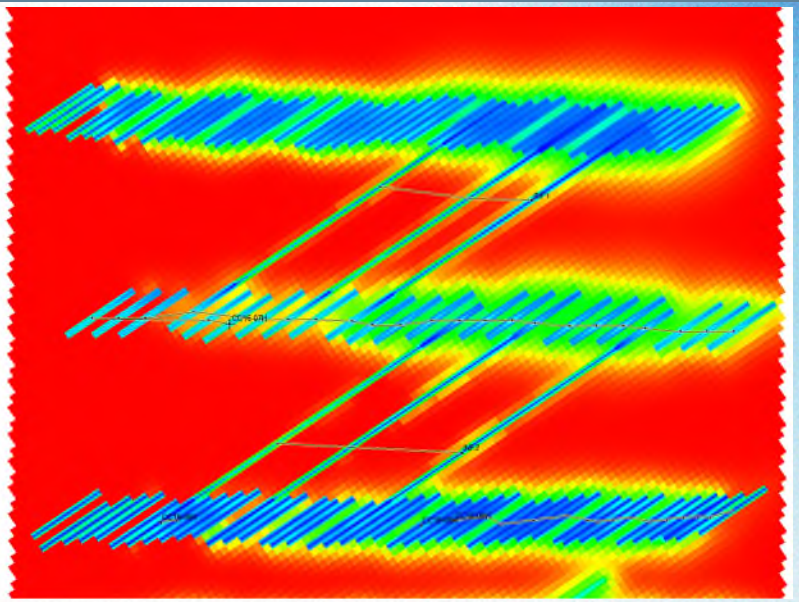
After Injection CC16-7H Blow-up



PRESSURE PROFILE (1 WEEK INJECTION)

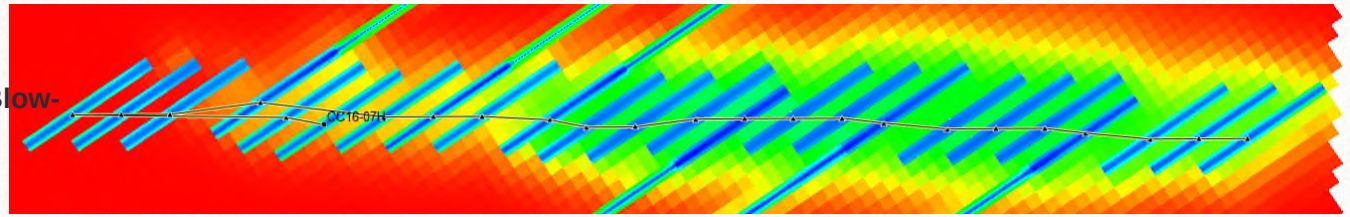


Before injection

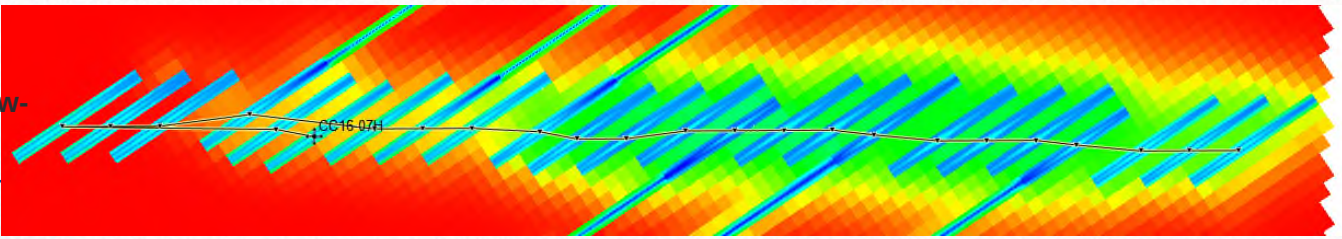


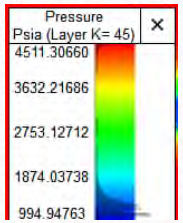
After 1 week of injection (3 MMSCFPD)

Before Injection CC16-7H Blow-up



After Injection CC16-7H Blow-up





GAS STORAGE CAPACITY

API	Well	Fracture Gas Volume (MMSCF)	Total prod gas equivalent, mmscf
3001544396	TURKEY TRACK 4-3 STATE 21H	153	1003
3001544537	TURKEY TRACK 4-3 STATE 22H	153	1130
3001544517	TURKEY TRACK 4-3 STATE 23H	148	1069
3001544518	TURKEY TRACK 4-3 STATE 24H	148	1210
3001545681	TURKEY TRACK 8-7 STATE 201H	157	800
3001544142	TURKEY TRACK 8-7 STATE 22H	199	1702
3001544143	TURKEY TRACK 8-7 STATE 23H	195	1848
3001544145	TURKEY TRACK 8-7 STATE 24H	194	1547
3001544117	TURKEY TRACK 9-10 STATE 21H	218	1844
3001544122	TURKEY TRACK 9-10 STATE 22H	216	1552
3001544154	TURKEY TRACK 9-10 STATE 23H	192	1362
3001544156	TURKEY TRACK 9-10 STATE 24H	175	1316

GAS STORAGE 2023 MODEL RESULTS

Conclusions

- The longest Oxy gas storage event was 13.5 MMSCF gas injection for 4 days, which is about 6% of the capacity of the hydraulically-created fractures

- On average, gas storage will not extend more than 100 ft into the hydraulic fracture network

- Oxy does not anticipate a positive or negative impact on storage or offset wells

Closed Loop Gas Capture (CLGC) Project

Affirmative Statement 2

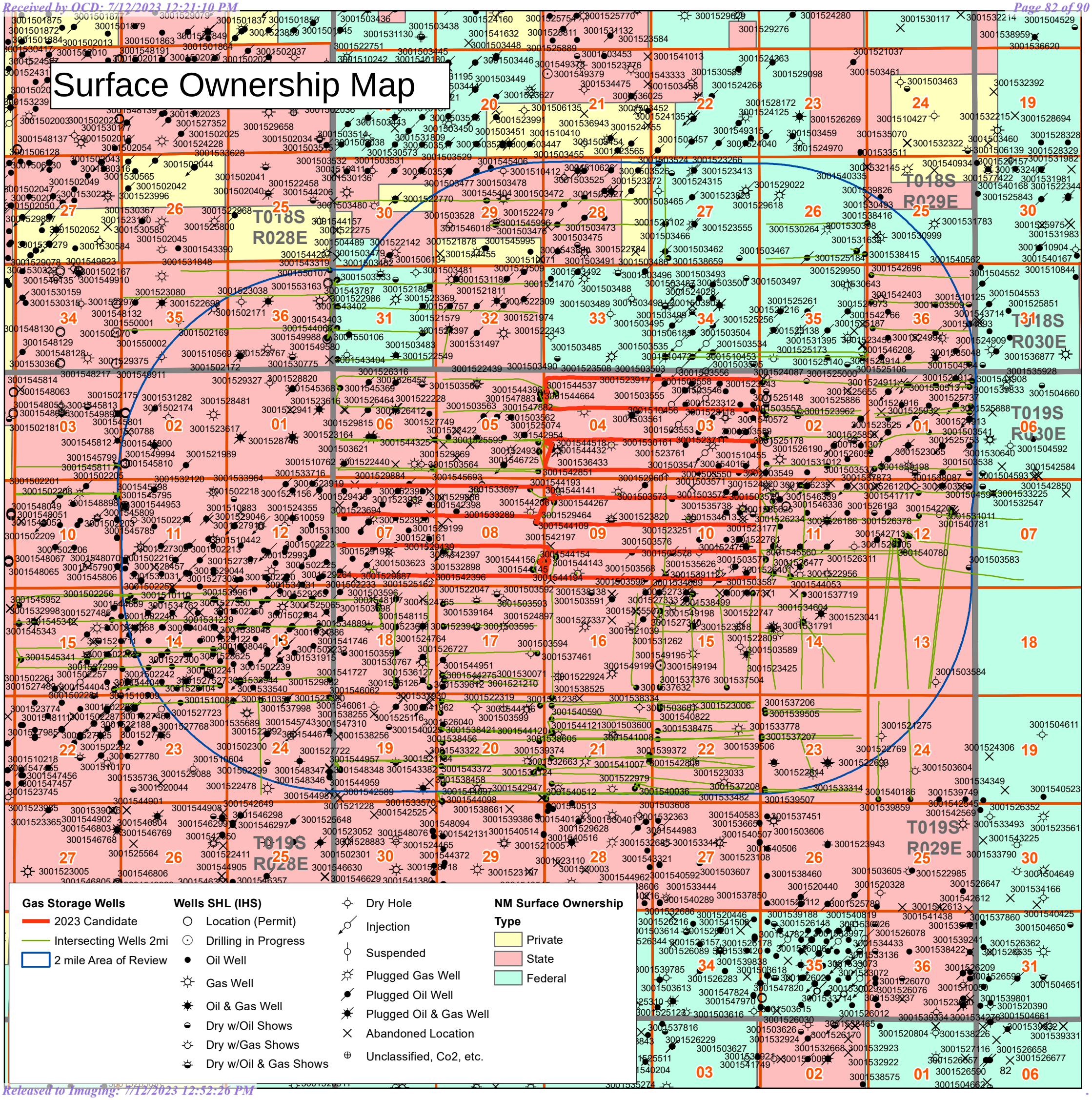
The operator examined the available geologic and engineering data and determined 1) the total recoverable volume of hydrocarbons from the reservoir will not be adversely affected by the project and 2) the gas composition will not damage the reservoir..

_____ 6/26/23_____

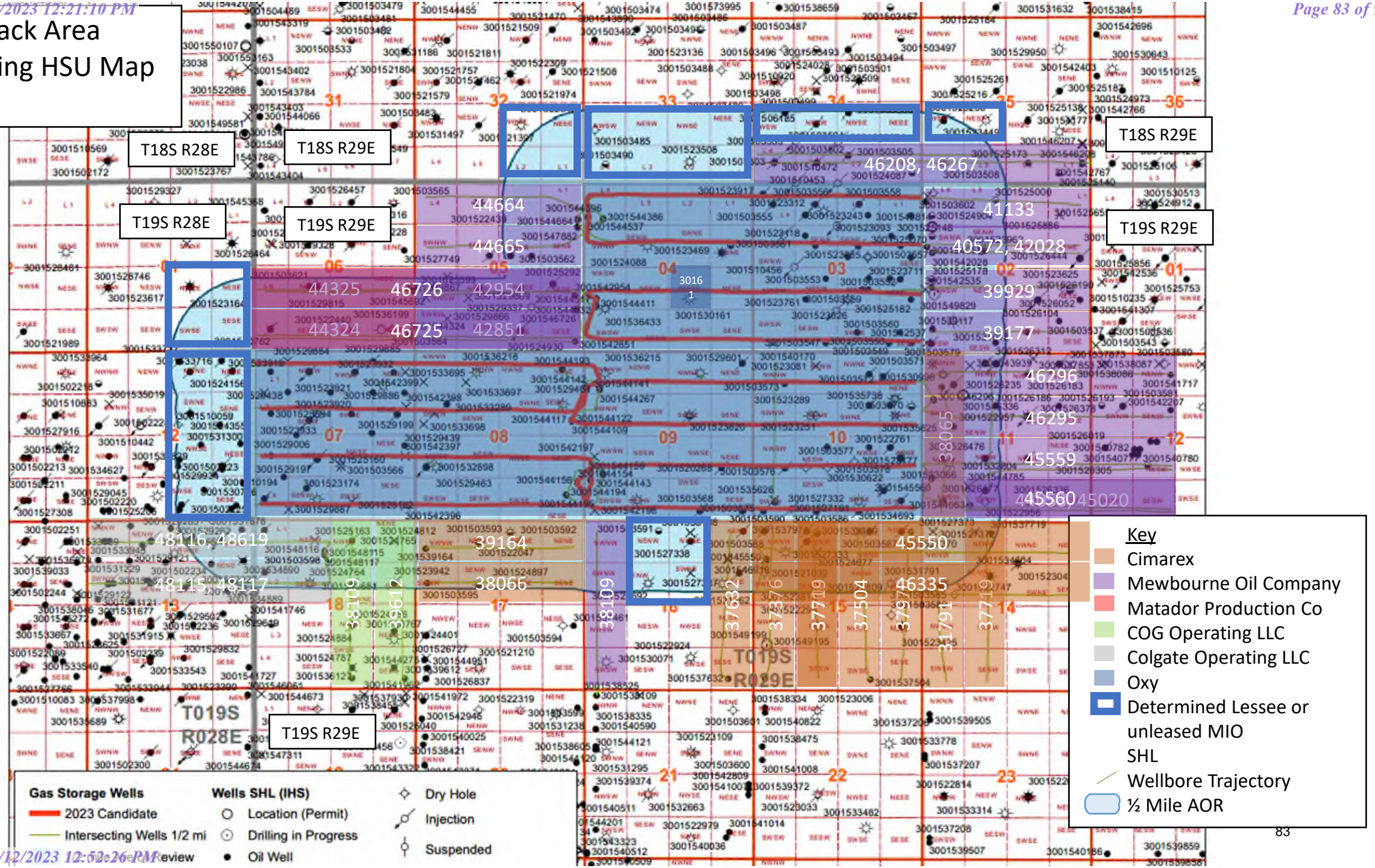
Rahul Joshi, Reservoir Engineer Date

Other

Surface Ownership Map



Turkey Track Area
Bone Spring HSU Map
6/15/23



GOR Gas Allocation Plan for CLGC Wells

Application

The following methodology will apply to CLGC wells on a well by well basis. The application will start after a CLGC storage event and will end after 100% of the Storage Gas Injection Inventory is recovered. Afterwards, Gas Allocation will revert to previous accounting procedures.

Overview

During a CLGC storage event, a portion of the combined gas streams from source wells will be stored in a CLGC well. After a storage event, the wellhead gas produced from a CLGC well will consist of three components: Gas Lift Gas, Native Gas, and Storage Gas Production. Both Native Gas and Storage Gas Production are produced from the reservoir, and the combined production is Reservoir Gas.

Wellhead Gas Produced = Gas Lift Gas + Native Gas + Storage Gas Production

Gas Lift Gas is measured continuously for each well. This methodology applies a Gas-Oil-Ratio (GOR) Calculation to determine the Native Gas (owned by the owners of the CLGC well) and Storage Gas Production (owned by the owners of the source wells).

A Well Test Allocation Method will be utilized after a storage event. In the example below, the well tests values are highlighted. The values between are interpolated.

Example

The following data is a simulated, 1-Day storage event.

- 2000 mscf is injected over 24 consecutive hours.
- The well is produced back immediately following a storage event.
- The data has been truncated at 24 days because it is included for illustration purposes.

The input and calculated values for an example well are listed below:

Values	Description
Wellhead Gas Produced, mscf/d	Wellhead gas, measured with well test
Gas Lift Gas, mscf/d	Gas Lift Gas injection, measured with flow meter
Reservoir Gas, mscf/d	Reservoir Gas, the difference between Wellhead Gas and Gas Lift Gas, calculated
Oil, bbl/d	Oil production, measured with well test
Water, bbl/d	Water production, measured with well test
GOR, scf/bbl	Gas Oil Ratio (GOR), engineer calculation based on previous oil and gas well tests before a storage event
Native Gas- GOR Calc, mscf/d	Minimum of Reservoir Gas or Native Gas Production using GOR, calculated
Storage Gas Injection, mscf/d	Storage Gas Injection, measured with flow meter

Storage Gas Injection Inventory, mscf	Storage Gas Injection Inventory, cumulative amount of storage gas injection minus storage gas production, calculated
Storage Gas Production, mscfd	Storage Gas Production, difference between Reservoir Gas and Calculated Native Gas Production, calculated

Column	1	2	3	4	5	6	7	8	9	10
Calculation or measurement	Well Test	Flow Meter	1-2	Well Test	Well Test	Engineer Analysis	MIN (3,4*6/1000)	Flow Meter	8-10 + 9_PreviousRow	IF(9>0, 3-7,0)
Day	Wellhead Gas Produced, mscf/d	Gas Lift Gas, mscf/d	Reservoir Gas, mscf/d	Oil, bbl/d	Water, bbl/d	GOR, scf/bbl	Native Gas-GOR Calc, mscf/d	Storage Gas Injection, mscf/d	Storage Gas Injection Inventory, mscf	Storage Gas Production, mscfd
-90	626	500	126	63	103	2,005	126	0	0	0
-60	625	500	125	62	101	2,032	125	0	0	0
-30	624	500	124	60	99	2,053	124	0	0	0
1	623	500	123	59	96	2,081	123	0	0	0
2	0	0	0	0	0	2,050	0	2000	2000	0
3	850	500	350	45	80	2,050	92	0	1743	257
4	741	500	241	50	86	2,050	102	0	1604	139
5	713	500	213	52	88	2,050	107	0	1498	106
6	685	500	185	54	91	2,050	111	0	1424	73
7	675	500	175	55	92	2,050	113	0	1362	62
8	665	500	165	56	93	2,050	115	0	1313	50
9	661	500	161	57	93	2,050	116	0	1267	45
10	657	500	157	57	94	2,050	117	0	1227	40
11	653	500	153	57	94	2,050	117	0	1192	35
12	649	500	149	58	95	2,050	118	0	1161	31
13	647	500	147	58	95	2,050	118	0	1133	28
14	645	500	145	58	95	2,050	119	0	1106	26
15	643	500	143	58	95	2,050	119	0	1082	24
16	641	500	141	58	95	2,050	119	0	1060	22
17	640	500	140	58	95	2,050	119	0	1038	21
18	639	500	139	58	94	2,050	119	0	1018	20
19	639	500	139	58	94	2,050	119	0	998	20
20	638	500	138	58	94	2,050	119	0	980	19
21	637	500	137	58	93	2,050	119	0	962	18
22	636	500	136	58	93	2,050	119	0	945	17
23	635	500	135	58	93	2,050	119	0	930	16
24	634	500	134	58	92	2,050	119	0	915	15

Well Test Allocation Method

Following an injection period, the allocation of oil and gas production shall be based on the production life of each CLGC well as measured for three periods: (a) the initial production period shall be measured from the end of the injection period until the peak gas production rate is reached; (b) the plateau period shall be measured from the end of the initial production period to the peak decline rate; and (c) the decline period shall be measured from the end of the plateau period until the well has recovered the previously-injected volume.

During the initial production period, the oil and gas production for each CLGC well shall be allocated using daily well tests or separated and metered individually prior to commingling.

During the plateau period, the oil and gas production for each CLGC well shall be allocated using a production curve calculated from a minimum of three (3) well tests per month. The production curve shall be calculated by interpolating daily production for each day using the known daily production obtained by well tests and shall use a method of interpolation that is at minimum as accurate as maintaining a constant rate of change for each day's production between the known daily production values.

During the decline period, the oil and gas production for each CLGC well shall be allocated using a production curve calculated from a minimum well testing frequency as follows: (a) a minimum of three (3) well tests per month when the decline rate is greater than 22% per month; (b) a minimum of two (2) well tests per month when the decline rate is between 22% and 10% per month; and (c) a minimum of one (1) well test per month when the decline rate is less than 10% per month. The production curve shall be calculated by interpolating daily production for each day using the known daily production obtained by well tests and shall use a method of interpolation that is at minimum as accurate as maintaining a constant rate of change for each day's production between the known daily production values.

Applicant shall conduct a well test by separating and metering the oil and gas production from each well for either (a) a minimum of twenty-four (24) consecutive hours; or (b) a combination of nonconsecutive periods that meet the following conditions: (i) each period shall be a minimum of six (6) hours; and (ii) the total duration of the nonconsecutive periods shall be a minimum of eighteen (18) hours.

CLGC Candidate Selection

In selecting candidates for CLGC injectors, all wells tied into the gas sales system were evaluated based on their native gas production, oil production, and flowing bottom hole pressure (FBHP). To minimize impact to oil production, wells were evaluated based on the Gas Reduced to Oil Ratio (GROR) calculation. This metric is the sum of native gas production and the maximum proposed injection gas (storage volume) divided by the oil production. FBHP was subsequently used to target more depleted wells.

$$GROR = \frac{Native\ gas\ rate\ (mscfd) + Storage\ gas\ rate\ (mscfd)}{Oil\ rate\ (bbl/d)}$$

CLGC Candidate Sequencing

Storage well sequencing will be handled similarly to the candidate selection process. Wells will be prioritized based on GROR (defined above) until the total gas removed from the system is greater than the temporary reduction in takeaway capacity.

Notice

Notice List

Agencies	
Bureau of Land Mangment	301 Dinosaur Trail Santa Fe, NM 87508
State Land Office	P.O. Box 1148 Santa Fe, NM 87504
Offset Operators	
CIMAREX ENERGY CO. OF COLORADO	6001 DEAUVILLE BLVD MIDLAND, TX 79706
COG OPERATING LLC	600 W ILLINOIS AVE MIDLAND, TX 79701
COLGATE OPERATING, LLC	300 NORTH MARIENFELD ST, SUITE 1000 MIDLAND, TX 79701
MATADOR PRODUCTION COMPANY	5400 LBJ FREEWAY, SUITE 1500 DALLAS, TX 75240
Mewbourne Oil Co	P.O. BOX 5270 HOBBS, NM 88241
Other Affected Persons and Parties	
BEAN FAMILY LIMITED COMPANY	P O BOX 45750 RIO RANCHO, NM 87174
BETTY READ YOUNG	P O BOX 811 ROSWELL, NM 88202-0811
BMT O&G NM, LLC	201 MAIN STREET FORT WORTH, TX 76102
BURLINGTON RESOURCES OIL & GAS, L.P.	P.O. BOX 4289 FARMINGTON, NM 87499
CAROLYN READ BEALL	P O BOX 3098 MIDLAND, TX 79702
DAVID M STEVENS	3101 DIAMOND A DRIVE ROSWELL, NM 88201
EOG RESOURCES INC	5509 Champions Drive Midland, TX 79706
FUEL PRODUCTS INC	P O BOX 3098 MIDLAND, TX 79702
GAHR ENERGY COMPANY	P O BOX 1889 MIDLAND, TX 79702
HFB INVESTMENT COMPANY LP	415 W WALL SUITE 1705 MIDLAND, TX 79701
HOWARD H CONE TRUST A	1801 COUNTY ROAD 289 GEORGETOWN, TX 78633
JESSE A CONE TRUST A	5050 CLAIREMONT MESA BLVD #4 SAN DIEGO, CA 92117-1434
JOHN ROBERT CONE TRUST A	3601 ARANSAS STREET CORPUS CHRISTI, TX 78411

KERR-MCGEE O/G ONSHORE, LP	5 GREENWAY PLAZA, SUITE 110 HOUSTON, TX 77046
MAGNUM HUNTER PRODUCTION, INC.	15 EAST 5TH STREET TULSA, OK 74013
MARATHON OIL CO	5555 SAN FELIPE HOUSTON, TX 77056
MARY CONE LEWIS TRUST A	4501 UPLAND AVENUE LUBBOCK, TX 79407
MEWBOURNE OIL COMPANY	500 W. Texas, Suite 1020 Midland, TX 79701
NEECO INC	P O BOX 10847 MIDLAND, TX 79702
NEW MEXICO WESTERN MINERALS INC	P O BOX 45750 RIO RANCHO, NM 87174
PAUL SLAYTON	P0 BOX 2035 ROSWELL, NM 88201
PIVOTAL PERMIAN BASIN II LLC	2021 MCKINNEY AVE, STE 1250 DALLAS, TX 75201
PRINCE PETROLEUM LTD	306 WEST 7TH ST STE 701 FORT WORTH, TX 76102
RAISA II LLC	1560 BOADWAY ST, SUITE 2050 DENVER, CO 80202
STEVENS OIL & GAS LLC	PO BOX 3087 ROSWELL, NM 88202-3087
TANZA K BRUMFIELD	PO BOX 10847 MIDLAND, TX 79702
TERRY A CONE TRUST A	991 OLD SMITH ROAD FORTSON, GA 31808
THOMAS M BEALL	P O BOX 3098 MIDLAND, TX 79702-3098
TRIGG FAMILY TRUST	T J & MARY RAY SIVLEY ROSWELL, NM 88202
V-F PETROLEUM INC	P O BOX 1889 MIDLAND, TX 79702
WPX ENERGY PERMIAN LLC	333 WEST SHERIDAN AVE OKLAHOMA CITY, OK 73102
XTO DELAWARE BASIN, LLC	22777 Springwoods Village PKWY SPRING, TX 77389