Submit 1 Copy To Appropriate District Office
District I – (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II – (575) 748-1283
811 S. First St., Artesia, NM 88210
District III – (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV – (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
Revised July 18, 2013

WELL API NO. 30-025-48745

5. Indicate Type of Lease STATE ☑ FEE ☐

6. State Oil & Gas Lease No. 330703

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

7. Lease Name or Unit Agreement Name: Senile Felines 18 7 State Com

1. Type of Well: Oil Well ☑ Gas Well ☐ Other

8. Well Number 21H

2. Name of Operator: OXY USA Inc.

9. OGRID Number: 16696

3. Address of Operator: P.O. Box 4294, Houston, TX 77210

10. Pool name or Wildcat: Red Tank; Bone Spring, East

4. Well Location
Unit Letter N : 565 feet from the South line and 1935 feet from the West line
Section 18 Township 22S Range 33E NMPM County LEA

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)*
3656' (GL)

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	☐	PLUG AND ABANDON	☐	REMEDIAL WORK	☐	ALTERING CASING	☐
TEMPORARILY ABANDON	☐	CHANGE PLANS	☑	COMMENCE DRILLING OPNS.	☐	P AND A	☐
PULL OR ALTER CASING	☐	MULTIPLE COMPL	☐	CASING/CEMENT JOB	☐		
DOWNHOLE COMMINGLE	☐						
CLOSED-LOOP SYSTEM	☐						
OTHER:	☐			OTHER:			☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

OXY USA Inc. respectfully requests to amend the subject well APD to update the following documents:

Drill Plan
- Casing Program - remove request for option to run 7.625" Intermediate II as a contingency string
- BOP break testing - pad based break testing plan
- Updated Casing Attachments

- Site Plan
- Cut & Fill Contours Map
- Aerial/Topo/Land Status Maps

NO SHL OR BHL LOCATION CHANGE

Spud Date: Rig Release Date:

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

SIGNATURE Roni Mathew TITLE Regulatory Advisor DATE 4/11/2022

Type or print name Roni Mathew E-mail address: roni_mathew@oxy.com PHONE: (713) 215-7827

For State Use Only

APPROVED BY: TITLE DATE

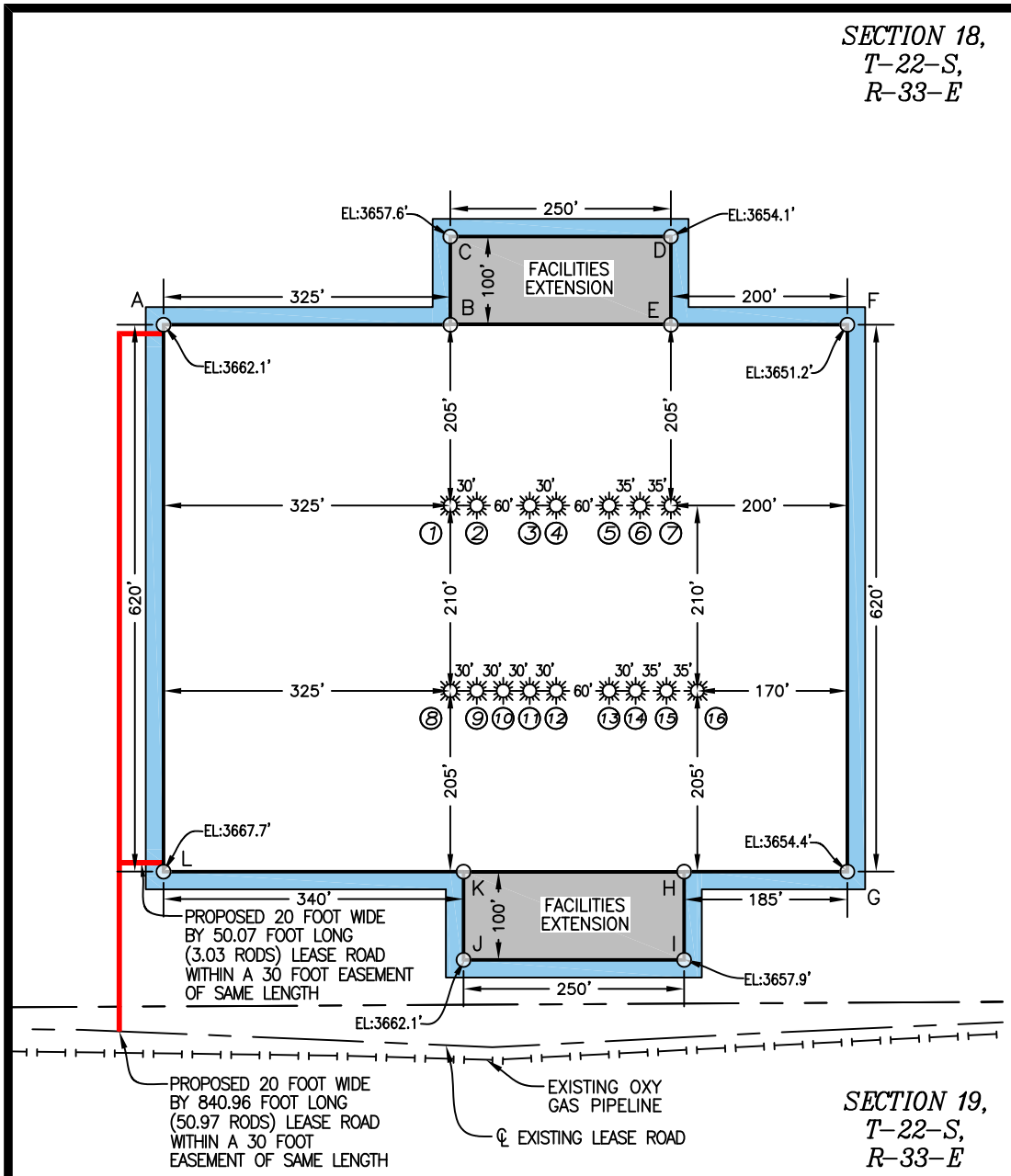
Conditions of Approval (if any):

SITE PLAN

REDTNK_T22S-R33E_1801
SEC. 18 TWP. 22-S RGE. 33-E
SURVEY: N.M.P.M.
COUNTY: LEA
OPERATOR: OXY USA, INC.
U.S.G.S. TOPOGRAPHIC MAP: GRAMA RIDGE, N.M.
FAA PERMIT NEEDED: NO

TANK BATTERY
RECLAMATION
30' TOP SOIL
20' DISTURBANCE AREA

100' 0' 100' 200'
SCALE: 1" = 200'



NAD 83		
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B	E:(X)763347.54 N:(Y)505167.38	LAT:32.38672213 LON:-103.61411731
C	E:(X)763347.54 N:(Y)505267.37	LAT:32.38699699 LON:-103.61411514
D	E:(X)763597.54 N:(Y)505267.38	LAT:32.38699239 LON:-103.61330530
E	E:(X)763597.54 N:(Y)505167.38	LAT:32.38671753 LON:-103.61330747
F	E:(X)763797.54 N:(Y)505167.38	LAT:32.38671381 LON:-103.61265960
G	E:(X)763797.54 N:(Y)504547.38	LAT:32.38500967 LON:-103.61267313
H	E:(X)763612.54 N:(Y)504547.38	LAT:32.38501310 LON:-103.61327240
I	E:(X)763612.55 N:(Y)504447.38	LAT:32.38473824 LON:-103.61327457
J	E:(X)763362.55 N:(Y)504447.37	LAT:32.38474284 LON:-103.61408439
K	E:(X)763362.54 N:(Y)504547.37	LAT:32.38501771 LON:-103.61408222
L	E:(X)763022.54 N:(Y)504547.38	LAT:32.38502769 LON:-103.61518355
NAD 27		
A	E:(X)721839.99 N:(Y)505106.89	LAT:32.38660493 LON:-103.61468461
B	E:(X)722164.99 N:(Y)505106.88	LAT:32.38659890 LON:-103.61363186
C	E:(X)722164.99 N:(Y)505206.87	LAT:32.38687376 LON:-103.61362967
D	E:(X)722414.99 N:(Y)505206.88	LAT:32.38686916 LON:-103.61281985
E	E:(X)722414.99 N:(Y)505106.89	LAT:32.3865943 LON:-103.61282204
F	E:(X)722614.98 N:(Y)505106.89	LAT:32.38659059 LON:-103.61217419
G	E:(X)722614.97 N:(Y)504486.90	LAT:32.38488644 LON:-103.61218778
H	E:(X)722429.97 N:(Y)504486.90	LAT:32.38488987 LON:-103.61278703
I	E:(X)722429.98 N:(Y)504386.91	LAT:32.38461501 LON:-103.61278919
J	E:(X)722179.98 N:(Y)504386.90	LAT:32.38461961 LON:-103.61359899
K	E:(X)722179.97 N:(Y)504486.90	LAT:32.38489447 LON:-103.61359683
L	E:(X)721839.97 N:(Y)504488.25	LAT:32.38490447 LON:-103.61469813

DATE SURVEYED	DATE DRAWN
12/03/2021	12/22/2020

REV.	DATE	BY
1	12/09/2021	BFF

DECEMBER 21, 2021

DAVID W. MYERS 11403

DAVID W. MYERS NEW MEXICO 11403 PROFESSIONAL SURVEYOR

PREPARED BY:
R-SQUARED GLOBAL, LLC
510 TRENTON ST. UNIT B
WEST MONROE, LA 71291
318-323-6900 OFFICE
JOB No. R4083_002
PAGE 1 OF 3

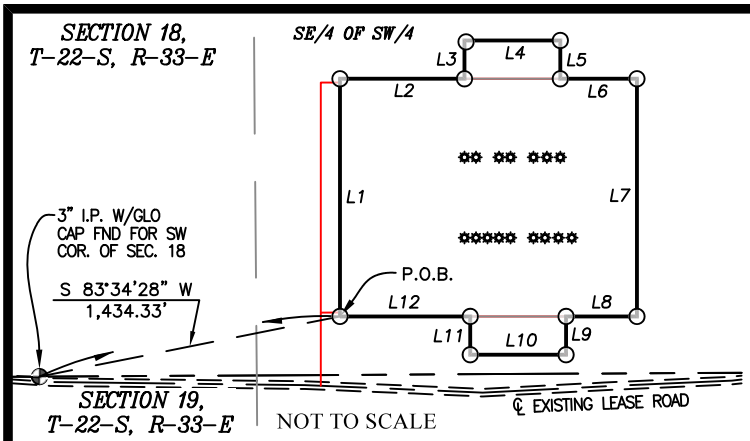
BASIS OF BEARING
ALL BEARINGS AND COORDINATES REFER TO NAD 83, NEW MEXICO STATE PLANE COORDINATE SYSTEM, EAST ZONE, U.S. SURVEY FEET. (ALL BEARINGS DISTANCES, COORDINATES AND AREAS ARE GRID MEASUREMENTS UTILIZING A COMBINED SCALE FACTOR OF 0.9997856 CONVERGENCE OF 0.37421667°.)

LEGEND

- EXISTING ROAD
- PROPOSED ROAD
- SURFACE SITE EDGE
- PIPELINE
- MONUMENT
- QUARTER SPLIT
- OHP — OVERHEAD POWER
- x — x — FENCE
- SECTION LINE
- ℄ PROPERTY LINE
- W — WATER LINE
- SWD — SALT WATER LINE

SITE PLAN

REDTNK_T22S-R33E_1801
SEC. 18 TWP. 22-S RGE. 33-E
SURVEY: N.M.P.M.
COUNTY: LEA
OPERATOR: OXY USA, INC.
U.S.G.S. TOPOGRAPHIC MAP: GRAMA RIDGE, N.M.
FAA PERMIT NEEDED: NO



LINE	BEARING	DISTANCE
	SE/4 OF SW/4	
L1	NORTH	620.00'
L2	EAST	325.00'
L3	N 00°00'06" W	100.00'
L4	N 89°59'54" E	250.00'
L5	S 00°00'06" E	100.00'
L6	EAST	200.00'
L7	SOUTH	620.00'
L8	N 89°59'56" W	185.00'
L9	S 00°00'06" E	100.00'
L10	S 89°59'54" W	250.00'
L11	N 00°00'06" W	100.00'
L12	N 89°59'58" W	340.00'

A tract of land being 12.18 acres of land. Said easement being located in Section 18, Township 22 South, Range 33 East, New Mexico Principal Meridian, Lea County, New Mexico.

Being more particularly described as the following:

(SE/4 OF SW/4)
BEGINNING at a point from which a 3 inch iron rod with GLO cap found for the Southwest corner of said Section 18 bears S 83°34'28" W a distance of 1,434.33 feet.

THENCE continuing across the Southeast quarter of the Southwest quarter of said Section 18 the following courses and distances:
NORTH a distance of 620.00 feet, EAST a distance of 325.00 feet, N 00°00'06" W a distance of 100.00 feet,
N 89°59'54" E a distance of 250.00 feet, S 00°00'06" E a distance of 100.00 feet, EAST a distance of 200.00 feet,
SOUTH a distance of 620.00 feet, N 89°59'56" W a distance of 185.00 feet, S 00°00'06" E a distance of 100.00 feet,
S 89°59'54" W a distance of 250.00 feet, N 00°00'06" W a distance of 100.00 feet and N 89°59'58" W a distance of 340.00 feet to the PLACE OF BEGINNING.

The total area of the above described proposed permanent easement in the said Southeast quarter of the Southwest quarter of Section 18 containing 12.18 acres of land.

All bearings and coordinates refer to NAD 83, New Mexico State Plane Coordinate System, East Zone, U.S. Survey Feet. (All bearings, distances, coordinates and areas are grid measurements utilizing a combined scale factor of 0.9997856 and a convergence angle of 0.37421667°.)

Title information furnished by OXY USA, INC.

Reference accompanying Certificate of Survey prepared in conjunction with this legal description for easement.

STATE OF NEW MEXICO
COUNTY OF LEA

I, David W. Myers, New Mexico Professional Surveyor No. 11403 do hereby certify that this easement survey plat and the actual survey on the ground upon which it is based were performed by me or under my direct supervision; that I am responsible for this survey; that this survey meets the minimum standards for surveying in New Mexico; and that it is true and correct to the best of my knowledge and belief. I further certify that this survey is not a land division or subdivision as defined in the New Mexico Subdivision Act and that this instrument is an easement survey plat crossing an existing tract or tracts.

12/03/2021	12/22/2020
DATE SURVEYED	DATE DRAWN

1	12/09/2021	BFF
REV.	DATE	BY

DECEMBER 21, 2021

DAVID W. MYERS 11403

DAVID W. MYERS NEW MEXICO 11403 PROFESSIONAL SURVEYOR

LEGEND

- EXISTING ROAD
- PROPOSED ROAD
- SURFACE SITE EDGE
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- MONUMENT
- QUARTER SPLIT
- OHP — OVERHEAD POWER
- x — x — FENCE
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PREPARED BY:
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WEST MONROE, LA 71291
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JOB No. R4083_002
PAGE 2 OF 3

SITE PLAN

REDTNK_T22S-R33E_1801
SEC. 18 TWP. 22-S RGE. 33-E
SURVEY: N.M.P.M.
COUNTY: LEA
OPERATOR: OXY USA, INC.
U.S.G.S. TOPOGRAPHIC MAP: GRAMA RIDGE, N.M.
FAA PERMIT NEEDED: NO

WELL 1
SENILE FELINES 18_7 STATE COM 41H
OXY USA, INC.
566' FSL 1754' FWL, SECTION 18
NAD 83, SPCS NM EAST
X:763347.54' / Y:504962.38'
LAT:32.3815867N / LON:103.61412177W
NAD 27, SPCS NM EAST
X:722164.99' / Y:504901.89'
LAT:32.38603545N / LON:103.61363633W
ELEVATION = 3659'

WELL 2
SENILE FELINES 18_7 STATE COM 42H
OXY USA, INC.
566' FSL 1784' FWL, SECTION 18
NAD 83, SPCS NM EAST
X:763377.54' / Y:504962.38'
LAT:32.38615812N / LON:103.61402459W
NAD 27, SPCS NM EAST
X:722194.98' / Y:504901.89'
LAT:32.38603489N / LON:103.61353915W
ELEVATION = 3659'

WELL 3
SENILE FELINES 18_7 STATE COM 71H
OXY USA, INC.
565' FSL 1844' FWL, SECTION 18
NAD 83, SPCS NM EAST
X:763437.54' / Y:504962.38'
LAT:32.38615701N / LON:103.61383023W
NAD 27, SPCS NM EAST
X:722254.98' / Y:504901.89'
LAT:32.38603378N / LON:103.61334480W
ELEVATION = 3657'

WELL 4
SENILE FELINES 18_7 STATE COM 72H
OXY USA, INC.
565' FSL 1874' FWL, SECTION 18
NAD 83, SPCS NM EAST
X:763467.54' / Y:504962.38'
LAT:32.38615645N / LON:103.61373305W
NAD 27, SPCS NM EAST
X:722284.98' / Y:504901.89'
LAT:32.38603323N / LON:103.61324762W
ELEVATION = 3657'

WELL 5
SENILE FELINES 18_7 STATE COM 21H
OXY USA, INC.
565' FSL 1935' FWL, SECTION 18
NAD 83, SPCS NM EAST
X:763528.05' / Y:504962.34'
LAT:32.38615524N / LON:103.61353704W
NAD 27, SPCS NM EAST
X:722345.50' / Y:504901.86'
LAT:32.38603202N / LON:103.61305161W
ELEVATION = 3656'

WELL 6
SENILE FELINES 18_7 STATE COM 22H
OXY USA, INC.
565' FSL 1970' FWL, SECTION 18
NAD 83, SPCS NM EAST
X:763563.01' / Y:504962.31'
LAT:32.38615450N / LON:103.61342379W
NAD 27, SPCS NM EAST
X:722380.45' / Y:504901.82'
LAT:32.38603127N / LON:103.61293838W
ELEVATION = 3656'

WELL 7
SENILE FELINES 18_7 STATE COM 23H
OXY USA, INC.
565' FSL 2005' FWL, SECTION 18
NAD 83, SPCS NM EAST
X:763598.08' / Y:504962.33'
LAT:32.38615390N / LON:103.61331019W
NAD 27, SPCS NM EAST
X:722415.52' / Y:504901.84'
LAT:32.38603068N / LON:103.61282477W
ELEVATION = 3656'

WELL 8
SENILE FELINES 18_7 STATE COM 11H
OXY USA, INC.
356' FSL 1753' FWL, SECTION 18
NAD 83, SPCS NM EAST
X:763347.54' / Y:504752.38'
LAT:32.38558146N / LON:103.61412634W
NAD 27, SPCS NM EAST
X:722164.98' / Y:504691.90'
LAT:32.38545824N / LON:103.61364093W
ELEVATION = 3661'

WELL 9
SENILE FELINES 18_7 STATE COM 1H
OXY USA, INC.
356' FSL 1783' FWL, SECTION 18
NAD 83, SPCS NM EAST
X:763377.54' / Y:504.752.38'
LAT:32.38558091N / LON:103.61402917W
NAD 27, SPCS NM EAST
X:722194.98' / Y:504691.90'
LAT:32.38545768N / LON:103.61354375W
ELEVATION = 3660'

WELL 10
SENILE FELINES 18_7 STATE COM 12H
OXY USA, INC.
356' FSL 1813' FWL, SECTION 18
NAD 83, SPCS NM EAST
X:'763407.54 / Y:504752.38'
LAT:32.38558035N / LON:103.61393199W
NAD 27, SPCS NM EAST
X:722224.98' / Y:504691.90'
LAT:32.38545713N / LON:103.61344657W
ELEVATION = 3660'

WELL 11
SENILE FELINES 18_7 STATE COM 2H
OXY USA, INC.
355' FSL 1843' FWL, SECTION 18
NAD 83, SPCS NM EAST
X:763437.54' / Y:504752.38'
LAT:32.38557980N / LON:103.61383481W
NAD 27, SPCS NM EAST
X:722254.98' / Y:504691.90'
LAT:32.38545658N / LON:103.61334940W
ELEVATION = 3659'

WELL 12
SENILE FELINES 18_7 STATE COM 13H
OXY USA, INC.
355' FSL 1873' FWL, SECTION 18
NAD 83, SPCS NM EAST
X:763467.54' / Y:504752.38'
LAT:32.38557924N / LON:103.61373763W
NAD 27, SPCS NM EAST
X:722284.98' / Y:504691.90'
LAT:32.38545602N / LON:103.61325222W
ELEVATION = 3659'

WELL 13
SENILE FELINES 18_7 STATE COM 31H
OXY USA, INC.
355' FSL 1933' FWL, SECTION 18
NAD 83, SPCS NM EAST
X:763528.05' / Y:504752.43'
LAT:32.38557827N / LON:103.61354161W
NAD 27, SPCS NM EAST
X:722345.49' / Y:504691.95'
LAT:32.28545504N / LON:103.61305621W
ELEVATION = 3658'

WELL 14
SENILE FELINES 18_7 STATE COM 311H
OXY USA, INC.
355' FSL 1964' FWL, SECTION 18
NAD 83, SPCS NM EAST
X:763558.08' / Y:504752.42'
LAT:32.38557769N / LON:103.61344428W
NAD 27, SPCS NM EAST
X:722375.54' / Y:504691.94'
LAT:32.38545446N / LON:103.61295888W
ELEVATION = 3657

WELL 15
SENILE FELINES 18_7 STATE COM 32H
OXY USA, INC.
355' FSL 1998' FWL, SECTION 18
NAD 83, SPCS NM EAST
X:763593.08' / Y:504752.42'
LAT:32.38557690N / LON:103.61333104W
NAD 27, SPCS NM EAST
X:722410.50' / Y:504691.89'
LAT:32.38545368N / LON:103.61284564W
ELEVATION = 3656'

WELL 16
SENILE FELINES 18_7 STATE COM 33H
OXY USA, INC.
354' FSL 2033' FWL, SECTION 18
NAD 83, SPCS NM EAST
X:763628.06' / Y:504752.42'
LAT:32.38557642N / LON:103.61321766W
NAD 27, SPCS NM EAST
X:722445.50' / Y:504691.95'
LAT:32.38545319N / LON:103.61273227W
ELEVATION = 3656'

DATE SURVEYED	DATE DRAWN
12/03/2021	12/22/2020

REV.	DATE	BY
1	12/09/2021	BFF

DECEMBER 21, 2021

DAVID W. MYERS NEW MEXICO 11403 PROFESSIONAL SURVEYOR

DAVID W. MYERS 11403

__BASIS OF BEARING__
ALL BEARINGS AND COORDINATES REFER TO NAD 83, NEW MEXICO STATE PLANE COORDINATE SYSTEM, EAST ZONE U.S. SURVEY FEET. (ALL BEARINGS, DISTANCES, COORDINATES AND AREAS ARE GRID MEASUREMENTS UTILIZING A COMBINED SCALE FACTOR OF 0.9997856 CONVERGENCE OF 0.37421667°.)

LEGEND
- EXISTING ROAD
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- MONUMENT
- QUARTER SPLIT
- OHP — OVERHEAD POWER
- X — FENCE
- SECTION LINE
- PL — PROPERTY LINE
- W — WATER LINE
- SWD — SALT WATER LINE

PREPARED BY:
R-SQUARED GLOBAL, LLC
510 TRENTON ST. UNIT B
WEST MONROE, LA 71291
318-323-6900 OFFICE
JOB No. R4083_002

Oxy USA Inc. - Senile Felines 18_7 State Com 21H

Drill Plan

1. Geologic Formations

TVD of Target (ft):	10953	Pilot Hole Depth (ft):	
Total Measured Depth (ft):	21343	Deepest Expected Fresh Water (ft):	865

Delaware Basin

Formation	MD-RKB (ft)	TVD-RKB (ft)	Expected Fluids
Rustler	865	865	
Salado	1587	1587	Salt
Castile	2797	2797	Salt
Delaware	4850	4845	Oil/Gas/Brine
Bell Canyon	4928	4921	Oil/Gas/Brine
Cherry Canyon	5958	5922	Oil/Gas/Brine
Brushy Canyon	7113	7043	Losses
Bone Spring	8853	8731	Oil/Gas
Bone Spring 1st	9989	9833	Oil/Gas
Bone Spring 2nd	10650	10474	Oil/Gas
Bone Spring 3rd			Oil/Gas
Wolfcamp			Oil/Gas
Penn			Oil/Gas
Strawn			Oil/Gas

*H2S, water flows, loss of circulation, abnormal pressures, etc.

2. Casing Program

		MD		TVD					
Section	Hole Size (in)	From (ft)	To (ft)	From (ft)	To (ft)	Csg. OD (in)	Csg Wt. (ppf)	Grade	Conn.
Surface	17.5	0	925	0	925	13.375	54.5	J-55	BTC
Salt	12.25	0	6543	0	6490	9.625	40	L-80 HC	BTC
Production	8.5	0	21343	0	10953	5.5	20	P-110	DQX

All casing strings will be tested in accordance with Onshore Oil and Gas Order #2 III.B.1.h

*Oxy requests the option to run production casing with DQX, TORQ DQW, Wedge 425, Wedge 461, and/or Wedge 441 connections to accommodate hole conditions or drilling operations.

All Casing SF Values will meet or exceed those below			
SF Collapse	**SF Burst**	**Body SF Tension**	**Joint SF Tension**
1.125	1.2	1.4	1.4

Annular Clearance Variance Request

As per the agreement reached in the Oxy/BLM face-to-face meeting on Feb 22, 2018, Oxy requests permission to allow deviation from the 0.422" annular clearance requirement from Onshore Order #2 under the following conditions:

1. Annular clearance to meet or exceed 0.422" between intermediate casing ID and production casing coupling only on the first 500' overlap between both casings.
2. Annular clearance less than 0.422" is acceptable for the curve and lateral portions of the production open hole section.

	Y or N
Is casing new? If used, attach certification as required in Onshore Order #1	Y
Does casing meet API specifications? If no, attach casing specification sheet.	Y
Is premium or uncommon casing planned? If yes attach casing specification sheet.	Y
Does the above casing design meet or exceed BLM's minimum standards? If not provide justification (loading assumptions, casing design criteria).	Y
Will the intermediate pipe be kept at a minimum 1/3 fluid filled to avoid approaching the collapse pressure rating of the casing?	Y
Is well located within Capitan Reef?	N
If yes, does production casing cement tie back a minimum of 50' above the Reef?	
Is well within the designated 4 string boundary.	
Is well located in SOPA but not in R-111-P?	N
If yes, are the first 2 strings cemented to surface and 3rd string cement tied back 500' into previous casing?	
Is well located in R-111-P and SOPA?	N
If yes, are the first three strings cemented to surface?	
Is 2nd string set 100' to 600' below the base of salt?	
Is well located in high Cave/Karst?	N
If yes, are there two strings cemented to surface?	
(For 2 string wells) If yes, is there a contingency casing if lost circulation occurs?	
Is well located in critical Cave/Karst?	N
If yes, are there three strings cemented to surface?	

3. Cementing Program

Section	Stage	Slurry:	Capacities	ft^3/ft	Excess:	From	To	Sacks	Volume (ft^3)	Placement
Surface	1	Surface - Tail	OH x Csg	0.6946	100%	925	-	966	1285	Circulate
Int.	1	Intermediate - Tail	OH x Csg	0.3132	20%	6,543	6,043	141	188	Circulate
Int.	1	Intermediate - Lead	OH x Csg	0.3132	50%	6,043	925	1390	2404	Circulate
Int.	1	Intermediate - Lead	Csg x Csg	0.3627	0%	925	-	194	335	Circulate
Prod.	1	Production - Tail	OH x Csg	0.2291	15%	21,343	10,477	2074	2863	Circulate
Prod.	1	Production - Lead	OH x Csg	0.2291	25%	10,477	6,543	503	1126	Circulate
Prod.	1	Production - Lead	Csg x Csg	0.2608	0%	6,543	6,043	58	130	Circulate

Description	Density (lb/gal)	Yield (ft3/sk)	Water (gal/sk)	500psi Time (hh:mm)	Cmt. Class	Accelerator	Retarder	Dispersant	Salt
Surface - Tail	14.8	1.33	6.365	5:26	C	x			
Intermediate - Lead	12.9	1.73	8.784	15:26	Pozz		x		
Intermediate - Tail	14.8	1.33	6.368	7:11	C	x			
Production - Lead	11.9	2.24	12.327	14:46	H		x	x	x
Production - Tail	13.2	1.38	6.686	3:39	H		x	x	x

Offline Cementing

Oxy requests a variance to cement the 9.625” and/or 7.625” intermediate casing strings offline in accordance to the approved variance, EC Tran 461365.

The summarized operational sequence will be as follows:
Run casing as per normal operations. While running casing, conduct negative pressure test and confirm integrity of the float equipment (float collar and shoe).
Land casing.
Fill pipe with kill weight fluid, and confirm well is static.
If well Oxy requests a variance to cement the 9.625” and/or 7.625” intermediate casing strings offline in accordance to the approved variance, EC Tran 461365.

The summarized operational sequence will be as follows:

1. Run casing as per normal operations. While running casing, conduct negative pressure test and confirm integrity of the float equipment (float collar and shoe).
2. Land casing.
3. Fill pipe with kill weight fluid, and confirm well is static.
   a. If well is not static notify BLM and kill well.
   b. Once well is static notify BLM with intent to proceed with nipple down and offline cementing.
4. Set and pressure test annular packoff.
5. After confirmation of both annular barriers and internal barriers, nipple down BOP and install cap flange. If any barrier fails to test, the BOP stack will not be nippled down until after the cement job is completed.
6. Skid rig to next well on pad.
7. Confirm well is static before removing cap flange.
8. If well is not static notify BLM and kill well prior to cementing or nippling up for further remediation.
9. Install offline cement tool.
10. Rig up cement equipment.
    a. Notify BLM prior to cement job.
11. Perform cement job.
12. Confirm well is static and floats are holding after cement job.
13. Remove cement equipment, offline cement tools and install night cap with pressure gauge for monitoring.

4. Pressure Control Equipment

BOP installed and tested before drilling which hole?	Size?	Min. Required WP	Type	✔	Tested to:	TVD Depth (ft) per Section:
12.25" Hole	13-5/8"	3M	Annular	✔	70% of working pressure	6490
		3M	Blind Ram	✔	250 psi / 3000 psi	
			Pipe Ram			
			Double Ram	✔		
			Other*			
8.5" Hole	13-5/8"	5M	Annular	✔	70% of working pressure	10953
		5M	Blind Ram	✔	250 psi / 5000 psi	
			Pipe Ram			
			Double Ram	✔		
			Other*			

*Specify if additional ram is utilized

BOP/BOPE will be tested by an independent service company to 250 psi low and the high pressure indicated above per Onshore Order 2 requirements. The System may be upgraded to a higher pressure but still tested to the working pressure listed in the table above. If the system is upgraded all the components installed will be functional and tested.

Pipe rams will be operationally checked each 24 hour period. Blind rams will be operationally checked on each trip out of the hole. These checks will be noted on the daily tour sheets. Other accessories to the BOP equipment will include a Kelly cock and floor safety valve (inside BOP) and choke lines and choke manifold.

	Formation integrity test will be performed per Onshore Order #2.	
	On Exploratory wells or on that portion of any well approved for a 5M BOPE system or greater, a pressure integrity test of each casing shoe shall be performed. Will be tested in accordance with Onshore Oil and Gas Order #2 III.B.1.i.	
	A variance is requested for the use of a flexible choke line from the BOP to Choke Manifold. See attached for specs and hydrostatic test chart.	
	Y	Are anchors required by manufacturer?
	A multibowl or a unionized multibowl wellhead system will be employed. The wellhead and connection to the BOPE will meet all API 6A requirements. The BOP will be tested per Onshore Order #2 after installation on the surface casing which will cover testing requirements for a maximum of 30 days. If any seal subject to test pressure is broken the system must be tested. We will test the flange connection of the wellhead with a test port that is directly in the flange. We are proposing that we will run the wellhead through the rotary prior to cementing surface casing as discussed with the BLM on October 8, 2015. See attached schematics.	

BOP Break Testing Request

Oxy requests permission to adjust the BOP break testing requirements as per the agreement reached in the OXY/BLM meeting on September 5, 2019.

BOP break test under the following conditions:
- After a full BOP test is conducted
- When skidding to drill an intermediate section where ICP is set into the third Bone Spring or shallower.

If the kill line is broken prior to skid, two tests will be performed.
1) Wellhead flange, co-flex hose, kill line connections and upper pipe rams
2) Wellhead flange, HCR valve, check valve, upper pipe rams

If the kill line is not broken prior to skid, only one test will be performed.
1)Wellhead flange, co-flex hose, check valve, upper pipe rams

5. Mud Program

Section	Depth		Depth - TVD		Type	Weight (ppg)	Viscosity	Water Loss
	From (ft)	To (ft)	From (ft)	To (ft)				
Surface	0	925	0	925	Water-Based Mud	8.6 - 8.8	40-60	N/C
Intermediate	925	6543	925	6490	Saturated Brine-Based or Oil-Based Mud	8.0 - 10.0	35-45	N/C
Production	6543	21343	6490	10953	Water-Based or Oil-Based Mud	8.0 - 9.6	38-50	N/C

Sufficient mud materials to maintain mud properties and meet minimum lost circulation and weight increase requirements will be kept on location at all times. The following is a general list of products: Barite, Bentonite, Gypsum, Lime, Soda Ash, Caustic Soda, Nut Plug, Cedar Fiber, Cotton Seed Hulls, Drilling Paper, Salt Water Clay, CACL2. Oxy will use a closed mud system.

What will be used to monitor the loss or gain of fluid?	PVT/MD Totco/Visual Monitoring

6. Logging and Testing Procedures

Logging, Coring and Testing.	
Yes	Will run GR from TD to surface (horizontal well – vertical portion of hole).
	Stated logs run will be in the Completion Report and submitted to the BLM.
No	Logs are planned based on well control or offset log information.
No	Drill stem test? If yes, explain
No	Coring? If yes, explain

Additional logs planned		Interval
No	Resistivity	
No	Density	
No	CBL	
Yes	Mud log	Bone Spring – TD
No	PEX	

7. Drilling Conditions

Condition	Specify what type and where?
BH Pressure at deepest TVD	5468 psi
Abnormal Temperature	No
BH Temperature at deepest TVD	168°F

Pump high viscosity sweeps as needed for hole cleaning. The mud system will be monitored visually/manually as well as with an electronic PVT. The necessary mud products for additional weight and fluid loss control will be on location at all times. Appropriately weighted mud will be used to isolate potential gas, oil, and water zones until such time as casing can be cemented into place for zonal

Hydrogen Sulfide (H2S) monitors will be installed prior to drilling out the surface shoe. If H2S is detected in concentrations greater than 100 ppm, the operator will comply with the provisions of Onshore Oil and Gas Order #6. If Hydrogen Sulfide is encountered, measured values and formations will be provided to the BLM.	
N	H2S is present
Y	H2S Plan attached

8. Other facets of operation

	Yes/No
Will the well be drilled with a walking/skidding operation? If yes, describe. We plan to drill the 2 well pad in batch by section: all surface sections, intermediate sections and production sections. The wellhead will be secured with a night cap whenever the rig is not over the well.	Yes
Will more than one drilling rig be used for drilling operations? If yes, describe. Oxy requests the option to contract a Surface Rig to drill, set surface casing, and cement for this well. If the timing between rigs is such that Oxy would not be able to preset surface, the Primary Rig will MIRU and drill the well in its entirety per the APD. Please see the attached document for information on the spudder rig.	Yes

Total Estimated Cuttings Volume:	2133 bbls

Attachments
_x__ Directional Plan
_x__ H2S Contingency Plan
_x__ Flex III Attachments
_x__ Spudder Rig Attachment
_x__ Premium Connection Specs

9. Company Personnel

Name	Title	Office Phone	Mobile Phone
Garrett Granier	Drilling Engineer	713-513-6633	832-265-0581
Filip Krneta	Drilling Engineer Supervisor	713-350-4751	832-244-4980
Simon Benavides	Drilling Superintendent	713-522-8652	281-684-6897
Diego Tellez	Drilling Manager	713-350-4602	713-303-4932

Printed on: 4/13/2022

Tenaris

TenarisHydril Wedge 425®

Coupling	Pipe Body
Grade: **P110-CY**	Grade: **P110-CY**
Body: **White**	1st Band: **White**
1st Band: **Grey**	2nd Band: **Grey**
2nd Band: **-**	3rd Band: **-**
3rd Band: **-**	4th Band: **-**
	5th Band: **-**
	6th Band: **-**

Outside Diameter	5.500 in.	**Wall Thickness**	0.361 in.	**Grade**	P110-CY
Min. Wall Thickness	87.50 %	**Pipe Body Drift**	API Standard	**Type**	Casing
Connection OD Option	REGULAR				

Pipe Body Data

Geometry				Performance	
Nominal OD	5.500 in.	**Wall Thickness**	0.361 in.	**Body Yield Strength**	641 x1000 lb
Nominal Weight	20 lb/ft	**Plain End Weight**	19.83 lb/ft	**Min. Internal Yield Pressure**	12,640 psi
Drift	4.653 in.	**OD Tolerance**	API	**SMYS**	110,000 psi
Nominal ID	4.778 in.			**Collapse Pressure**	11,100 psi

Connection Data

Geometry		Performance		Make-Up Torques	
Connection OD	5.777 in.	**Tension Efficiency**	90 %	**Minimum**	15,700 ft-lb
Connection ID	4.734 in.	**Joint Yield Strength**	577 x1000 lb	**Optimum**	19,600 ft-lb
Make-up Loss	5.823 in.	**Internal Pressure Capacity**	12,640 psi	**Maximum**	21,600 ft-lb
Threads per inch	3.77	**Compression Efficiency**	90 %		
Connection OD Option	Regular	**Compression Strength**	577 x1000 lb	**Operation Limit Torques**	
		Max. Allowable Bending	82 °/100 ft	**Operating Torque**	29,000 ft-lb
		External Pressure Capacity	11,100 psi	**Yield Torque**	36,000 ft-lb

Notes

This connection is fully interchangeable with:
TORQ® SFW™ - 5.5 in. - 0.361 in.
Connections with Dopeless® Technology are fully compatible with the same connection in its Standard version

For the lastest performance data, always visit our website: www.tenaris.com

Printed on: 4/6/2022

Tenaris

TenarisHydril Wedge 441®

Coupling	Pipe Body
Grade: **P110-CY**	Grade: **P110-CY**
Body: **White**	1st Band: **White**
1st Band: **Grey**	2nd Band: **Grey**
2nd Band: **-**	3rd Band: **-**
3rd Band: **-**	4th Band: **-**
	5th Band: **-**
	6th Band: **-**

Outside Diameter	5.500 in.	**Wall Thickness**	0.361 in.	**Grade**	P110-CY
Min. Wall Thickness	87.50 %	**Drift**	API Standard	**Type**	Casing
Connection OD Option	REGULAR				

Pipe Body Data

Geometry				Performance	
Nominal OD	5.500 in.	**Wall Thickness**	0.361 in.	**Body Yield Strength**	641 x1000 lb
Nominal Weight	20 lb/ft	**Plain End Weight**	19.83 lb/ft	**Min. Internal Yield Pressure**	12,640 psi
Drift	4.653 in.	**OD Tolerance**	API	**SMYS**	110,000 psi
Nominal ID	4.778 in.			**Collapse Pressure**	11,100 psi

Connection Data

Geometry		Performance		Make-Up Torques	
Connection OD	5.852 in.	**Tension Efficiency**	81.50 %	**Minimum**	15,000 ft-lb
Coupling Length	8.714 in.	**Joint Yield Strength**	522 x1000 lb	**Optimum**	16,000 ft-lb
Connection ID	4.778 in.	**Internal Pressure Capacity**	12,640 psi	**Maximum**	19,200 ft-lb
Make-up Loss	3.780 in.	**Compression Efficiency**	81.50 %		
Threads per inch	3.40	**Compression Strength**	522 x1000 lb	**Operation Limit Torques**	
Connection OD Option	Regular	**Max. Allowable Bending**	71 °/100 ft	**Operating Torque**	32,000 ft-lb
		External Pressure Capacity	11,100 psi	**Yield Torque**	38,000 ft-lb
				Buck-On	
				Minimum	19,200 ft-lb
				Maximum	20,700 ft-lb

Notes

This connection is fully interchangeable with:
Wedge 441® - 5.5 in. - 0.304 in.
Connections with Dopeless® Technology are fully compatible with the same connection in its Standard version

For the lastest performance data, always visit our website: www.tenaris.com

TenarisHydril

5.500" 20.00 lb/ft P110-CY TenarisHydril Wedge 461™ Matched Strength

Special Data Sheet
TH DS-20.0359
12 August 2020
Rev 00

Nominal OD	5.500 in.	**Wall Thickness**	0.361 in.	**Grade**	P110-CY
Min Wall Thickness	87.5%	**Type**	CASING	**Connection OD Option**	MATCHED STRENGTH

Pipe Body Data

Geometry				Performance	
Nominal OD	5.500 in.	**Nominal ID**	4.778 in.	**Body Yield Strength**	641 x 1000 lbs
Nominal Weight	20.00 lbs/ft	**Wall Thickness**	0.361 in.	**Internal Yield**	12640 psi
Standard Drift Diameter	4.653 in.	**Plain End Weight**	19.83 lbs/ft	**SMYS**	110000 psi
Special Drift Diameter	N/A	**OD Tolerance**	API	**Collapse Pressure**	11110 psi

Connection Data

Geometry		Performance		Make-up Torques	
Matched Strength OD	6.050 in.	**Tension Efficiency**	100%	**Minimum**	17000 ft-lbs
Make-up Loss	3.775 in.	**Joint Yield Strength**	641 x 1000 lbs	**Optimum**	18000 ft-lbs
Threads per in.	3.40	**Internal Yield**	12640 psi	**Maximum**	21600 ft-lbs
Connection OD Option	MATCHED STRENGTH	**Compression Efficiency**	100%	**Operational Limit Torques**	
Coupling Length	7.714 in.	**Compression Strength**	641 x 1000 lbs	**Operating Torque**	32000 ft-lbs
		Bending	92 °/100 ft	**Yield Torque**	38000 ft-lbs
		Collapse	11110 psi	**Buck-On Torques**	
				Minimum	21600 ft-lbs
				Maximum	23100 ft-lbs

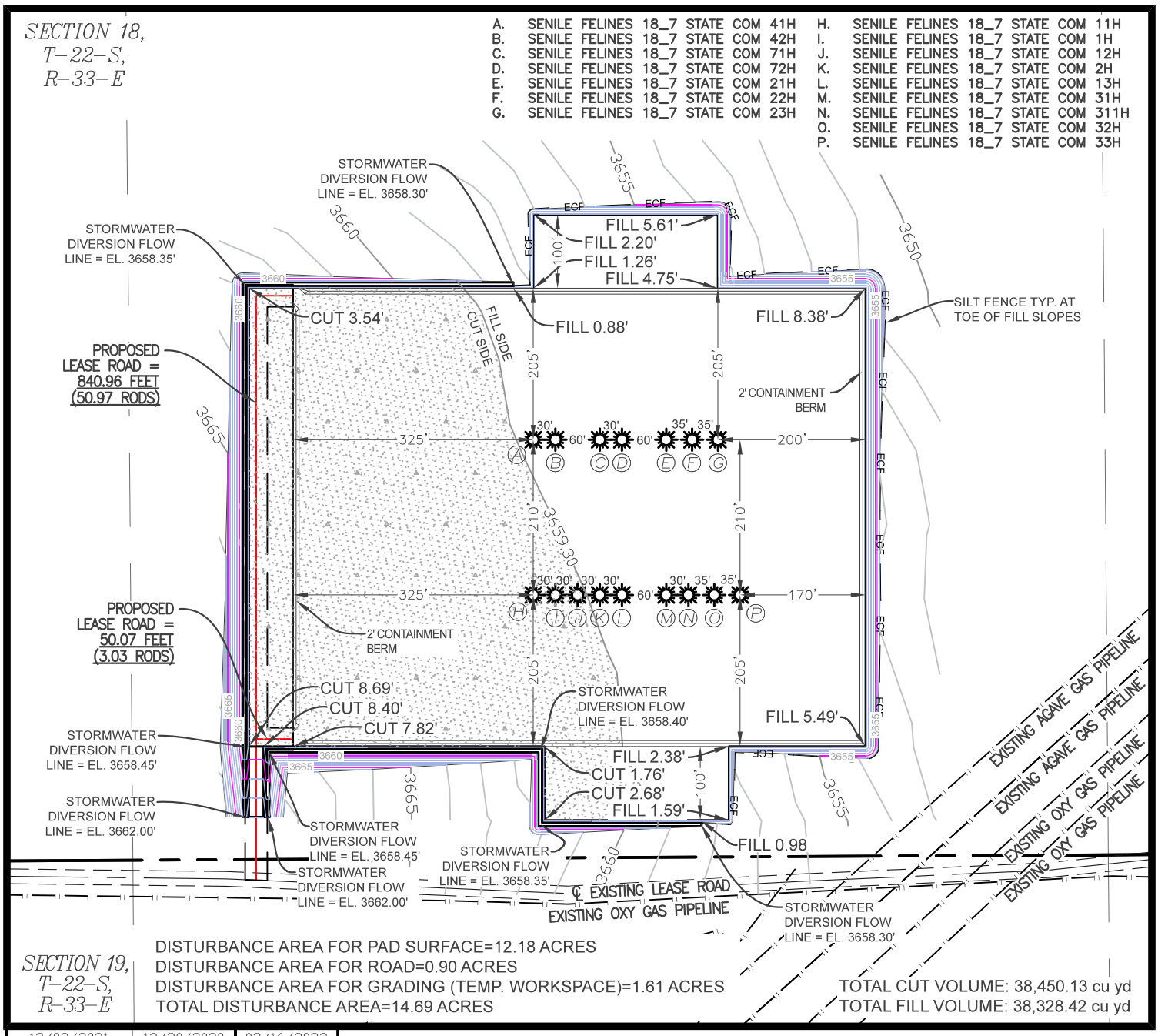
Notes

*If you need to use torque values that are higher than the maximum indicated, please contact a local Tenaris technical sales representative

WELL PAD CONTOURS

REDTNK_T22N-R33E_1801
SEC. 18 TWP. 22-S RGE. 33-E
SURVEY: N.M.P.M.
COUNTY: LEA
OPERATOR: OXY USA, INC.
U.S.G.S. TOPOGRAPHIC MAP: GRAMA RIDGE, N.M.
FAA PERMIT NEEDED: NO

100' 0' 100' 200'
SCALE: 1" = 200'



12/03/2021	12/30/2020	03/16/2022
DATE SURVEYED	DATE DRAWN	REV. 2

LEGEND

- PIPELINE
- PROP. PAD SURFACE
- PROPERTY LINE
- PROP. LEASE ROAD
- EXIST. 1' CTR. LINES
- EXIST. 5' CTR. LINES
- EDGE OF ROAD
- ℄ OF ROAD
- SWD — SALT WATER DISP.
- PROP. 1' CTR. LINES
- PROP. 5' CTR. LINES
- ECF — EROSION CON. FENCE
- OHP — OVERHEAD POWER
- X — X — FENCE
- W — WATER LINE

THIS DOCUMENT IS NOT TO BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALE OR THE BASIS FOR THE ISSUANCE OF A PERMIT.

PREPARED BY:
R-SQUARED GLOBAL, LLC
510 TRENTON ST. UNIT B
WEST MONROE, LA 71291
318-323-6900 OFFICE
JOB No. R4083_006
PAGE 1 OF 1

INDEX	WELL_NAME	ELEVATION	FEL_FWL	FNL_FSL
1	Senile Felines 18_7 State Com 41H	3659	1755' FWL	566' FSL
2	Senile Felines 18_7 State Com 42H	3659	1785' FWL	566' FSL
3	Senile Felines 18_7 State Com 71H	3657	1845' FWL	565' FSL
4	Senile Felines 18_7 State Com 72H	3657	1875' FWL	565' FSL
5	Senile Felines 18_7 State Com 21H	3656	1935' FWL	565' FSL
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23	Senile Felines 18_7 State Com 43H	3629	1378' FEL	549' FSL
24	Senile Felines 18_7 State Com 44H	3629	1348' FEL	549' FSL
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27	Senile Felines 18_7 State Com 26H	3633	1560' FEL	340' FSL
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29	Senile Felines 18_7 State Com 3H	3631	1440' FEL	340' FSL
30	Senile Felines 18_7 State Com 15H	3631	1410' FEL	340' FSL
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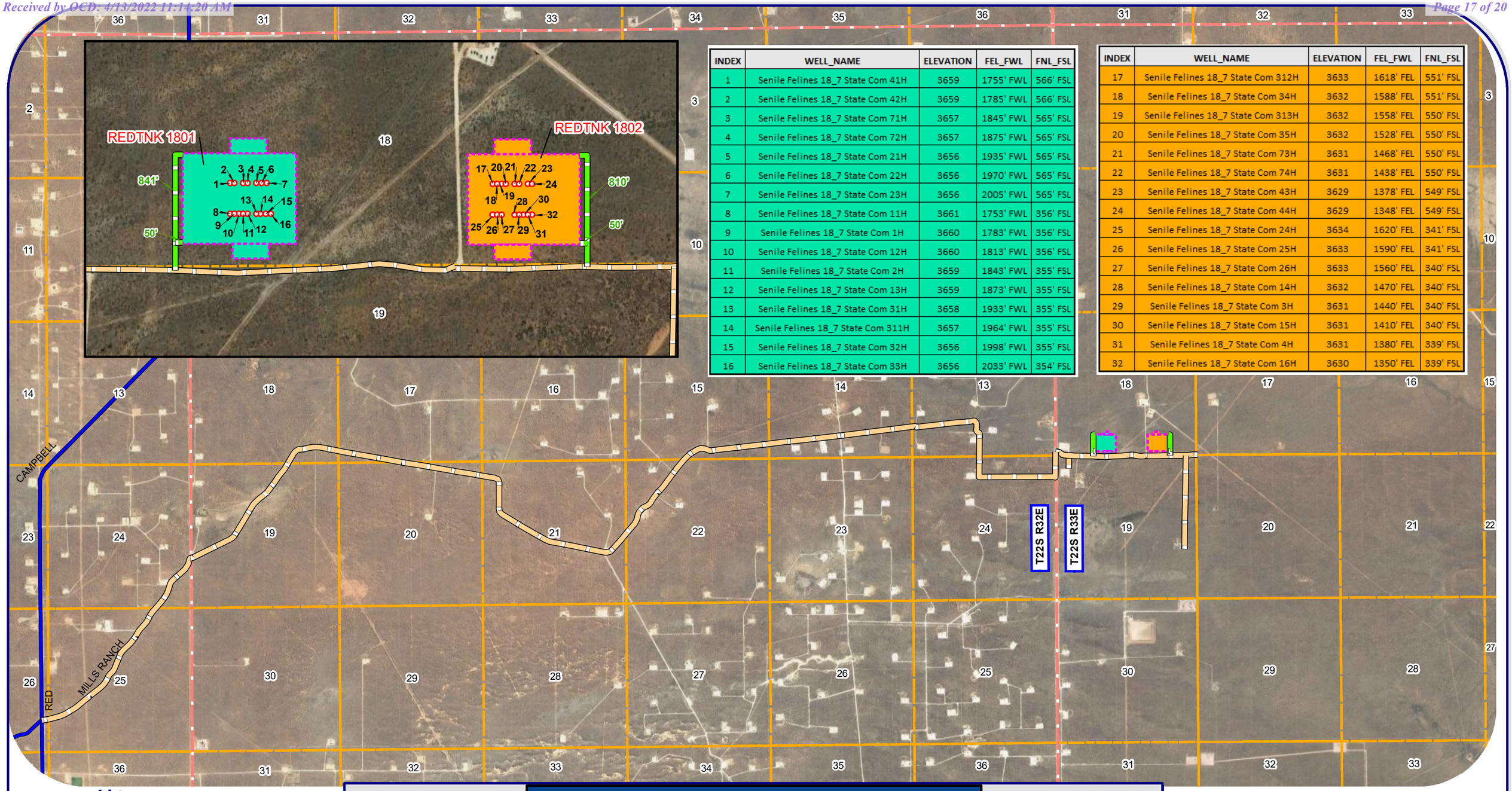


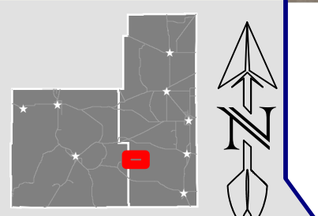
WELL_PLAT
ProposedRD
EXISTING_RD
COUNTY ROAD
PROCESSING_PLANT
TWN-RNG
SECTION

SENILE FELINES 18_17 APD 1

Overall Imagery Map | Draft Date 12/21/2021 | REV: 1

Section: 18 | TWN-RNG:T22S - R33E | COUNTY: Lea

TOTAL 30' WIDE PROPOSED LEASE ROAD EASEMENT:
1751.00 FEET (106.12 RODS)

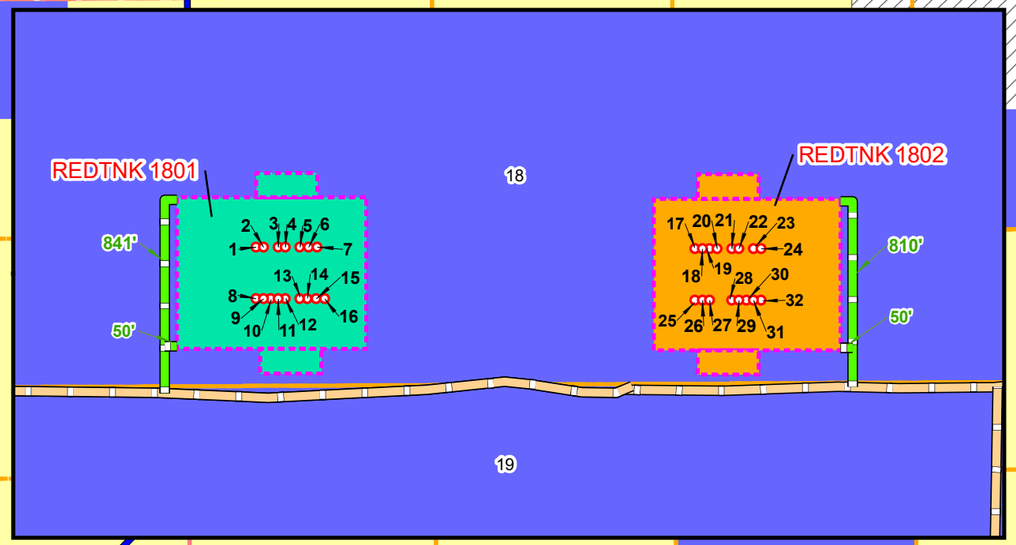


1 inch = 3,333 feet

0 1,450 2,900 5,800 Feet

R-SQUARED GLOBAL LLC

OXY



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CAMPBELL

MILLS RANCH

RED

T22S R32E

T22S R33E

WELL_PLAT
ProposedRD
EXISTING_RD
COUNTY ROAD
PROCESSING_PLANT
TWN-RNG
SECTION
BLM
PRIVATE
STATE OF NM

SENILE FELINES 18_17 APD 1

Land Status Map | Draft Date12/21/2021 | REV: 1

Section: 18 | TWN-RNG:T22S - R33E | COUNTY: Lea

TOTAL 30' WIDE PROPOSED LEASE ROAD EASEMENT:
1751.00 FEET (106.12 RODS)

1 inch = 3,333 feet

0 1,450 2,900 5,800 Feet

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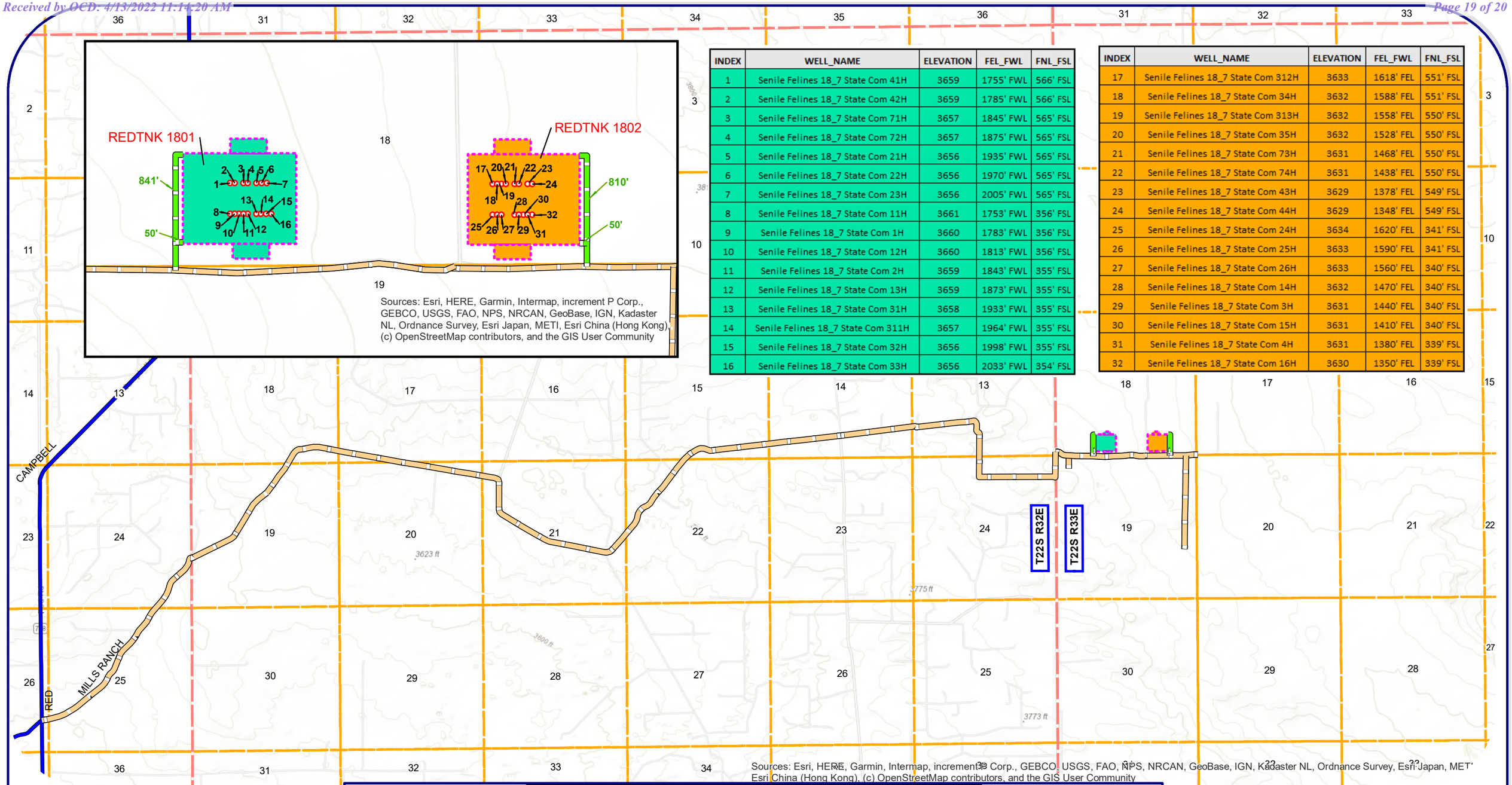
10	Senile Felines 18_7 State Com 12H	3660	1813' FWL	356' FSL
11	Senile Felines 18_7 State Com 2H	3659	1843' FWL	355' FSL
12	Senile Felines 18_7 State Com 13H	3659	1873' FWL	355' FSL
13	Senile Felines 18_7 State Com 31H	3658	1933' FWL	355' FSL
14	Senile Felines 18_7 State Com 311H	3657	1964' FWL	355' FSL
15	Senile Felines 18_7 State Com 32H	3656	1998' FWL	355' FSL
16	Senile Felines 18_7 State Com 33H	3656	2033' FWL	354' FSL

INDEX	WELL_NAME	ELEVATION	FEL_FWL	FNL_FSL
17	Senile Felines 18_7 State Com 312H	3633	1618' FEL	551' FSL
18	Senile Felines 18_7 State Com 34H	3632	1588' FEL	551' FSL
19	Senile Felines 18_7 State Com 313H	3632	1558' FEL	550' FSL
20	Senile Felines 18_7 State Com 35H	3632	1528' FEL	550' FSL
21	Senile Felines 18_7 State Com 73H	3631	1468' FEL	550' FSL
22	Senile Felines 18_7 State Com 74H	3631	1438' FEL	550' FSL
23	Senile Felines 18_7 State Com 43H	3629	1378' FEL	549' FSL
24	Senile Felines 18_7 State Com 44H	3629	1348' FEL	549' FSL
25	Senile Felines 18_7 State Com 24H	3634	1620' FEL	341' FSL
26	Senile Felines 18_7 State Com 25H	3633	1590' FEL	341' FSL
27	Senile Felines 18_7 State Com 26H	3633	1560' FEL	340' FSL
28	Senile Felines 18_7 State Com 14H	3632	1470' FEL	340' FSL
29	Senile Felines 18_7 State Com 3H	3631	1440' FEL	340' FSL
30	Senile Felines 18_7 State Com 15H	3631	1410' FEL	340' FSL
31	Senile Felines 18_7 State Com 4H	3631	1380' FEL	339' FSL
32	Senile Felines 18_7 State Com 16H	3630	1350' FEL	339' FSL



WELL_PLAT
ProposedRD
EXISTING_RD
COUNTY ROAD
PROCESSING_PLANT
TWN-RNG
SECTION

SENILE FELINES 18_17 APD 1

Topo Map | Draft Date: 12/21/2021 | REV: 1

Section: 18 | TWN-RNG:T22S - R33E | COUNTY: Lea

TOTAL 30' WIDE PROPOSED LEASE ROAD EASEMENT:
1751.00 FEET (106.12 RODS)

1 inch = 3,333 feet

0 1,450 2,900 5,800 Feet

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 Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 98190

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 98190
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
pkautz	previous COA's apply	4/20/2022