

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

Form C-103
 Revised July 18, 2013

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

WELL API NO. 30-025-48746
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. 330703
7. Lease Name or Unit Agreement Name Senile Felines 18 7 State Com
8. Well Number 22H
9. OGRID Number 16696
10. Pool name or Wildcat Red Tank; Bone Spring, East

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.)	
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐	
2. Name of Operator OXY USA Inc.	
3. Address of Operator P.O. Box 4294, Houston, TX 77210	
4. Well Location Unit Letter <u>N</u> : <u>565</u> feet from the <u>South</u> line and <u>1970</u> feet from the <u>West</u> line Section <u>18</u> Township <u>22S</u> Range <u>33E</u> NMPM County <u>LEA</u>	
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/Cement Program - remove request for option to run 7.625" Intermediate II as a contingency string
- BOP break testing/Mud Program - pad based break testing plan
- Directional Plat/Plot
- Updated Casing Attachments

BHL Location Change Only - NO CHANGE TO SHL

- C102 Plat/Site Plan/Cut & Fill Contours Map
- Aerial/Topo/Land Status Maps
- Vicinity Map/Location Verification Map/Location Map

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):

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) 334-6178 Fax: (505) 334-6170
District IV
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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

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-48746	² Pool Code 51687	³ Pool Name RED TANK; BONE SPRING, EAST
⁴ Property Code 330703	⁵ Property Name SENILE FELINES 18_7 STATE COM	⁶ Well Number 22H
⁷ OGRID No. 16696	⁸ Operator Name OXY USA INC.	⁹ Elevation 3656'

¹⁰ Surface Location

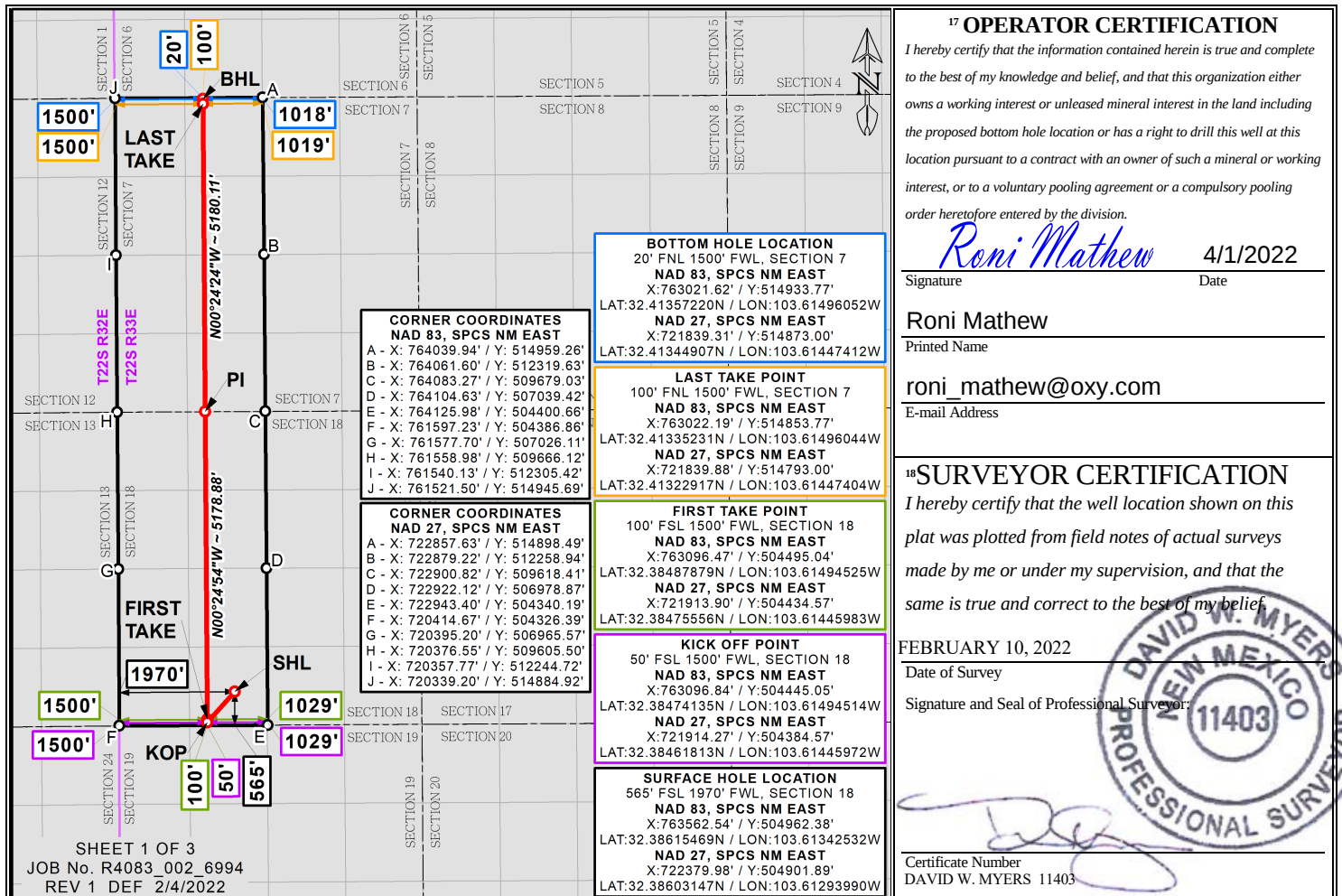
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	18	22S	33E		565	SOUTH	1970	WEST	LEA

¹¹ 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
C	7	22S	33E		20	NORTH	1500	WEST	LEA

¹² Dedicated Acres 611.84	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.





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

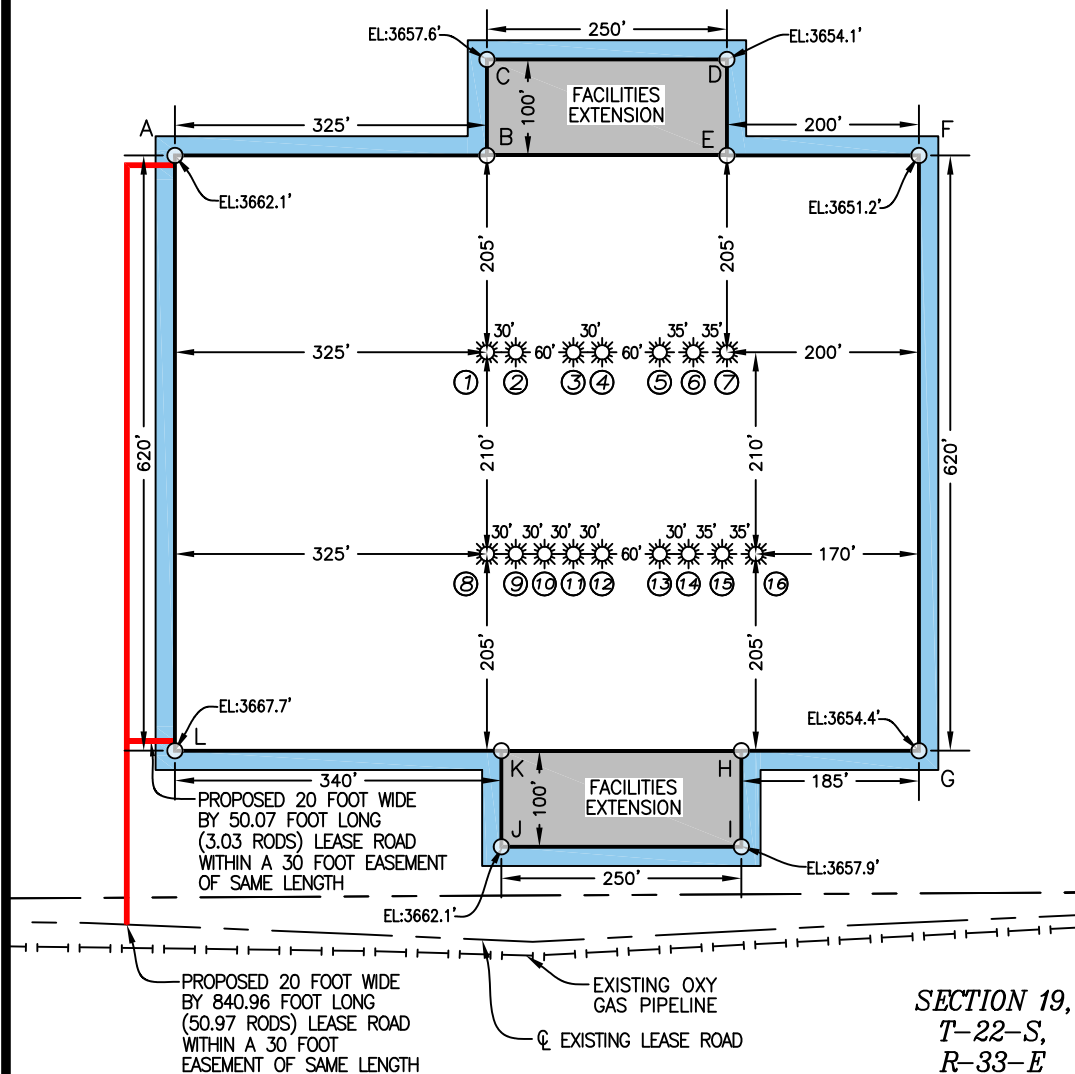


100' 0' 100' 200'
SCALE: 1" = 200'

SECTION 18,
T-22-S,
R-33-E

NAD 83		
A	E:(X)763022.54 N:(Y)505167.38	LAT:32.38672814 LON:-103.61517009
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



SECTION 19,
T-22-S,
R-33-E

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

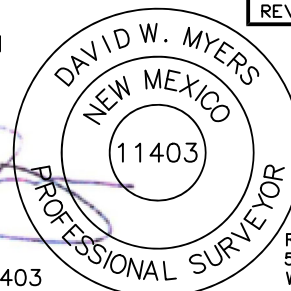
1	12/09/2021	BFF
REV.	DATE	BY

DECEMBER 21, 2021

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
—	FENCE
—	SECTION LINE
—	PROPERTY LINE
—	WATER LINE
—	SALT WATER LINE



DAVID W. MYERS 11403



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



SITE PLAN

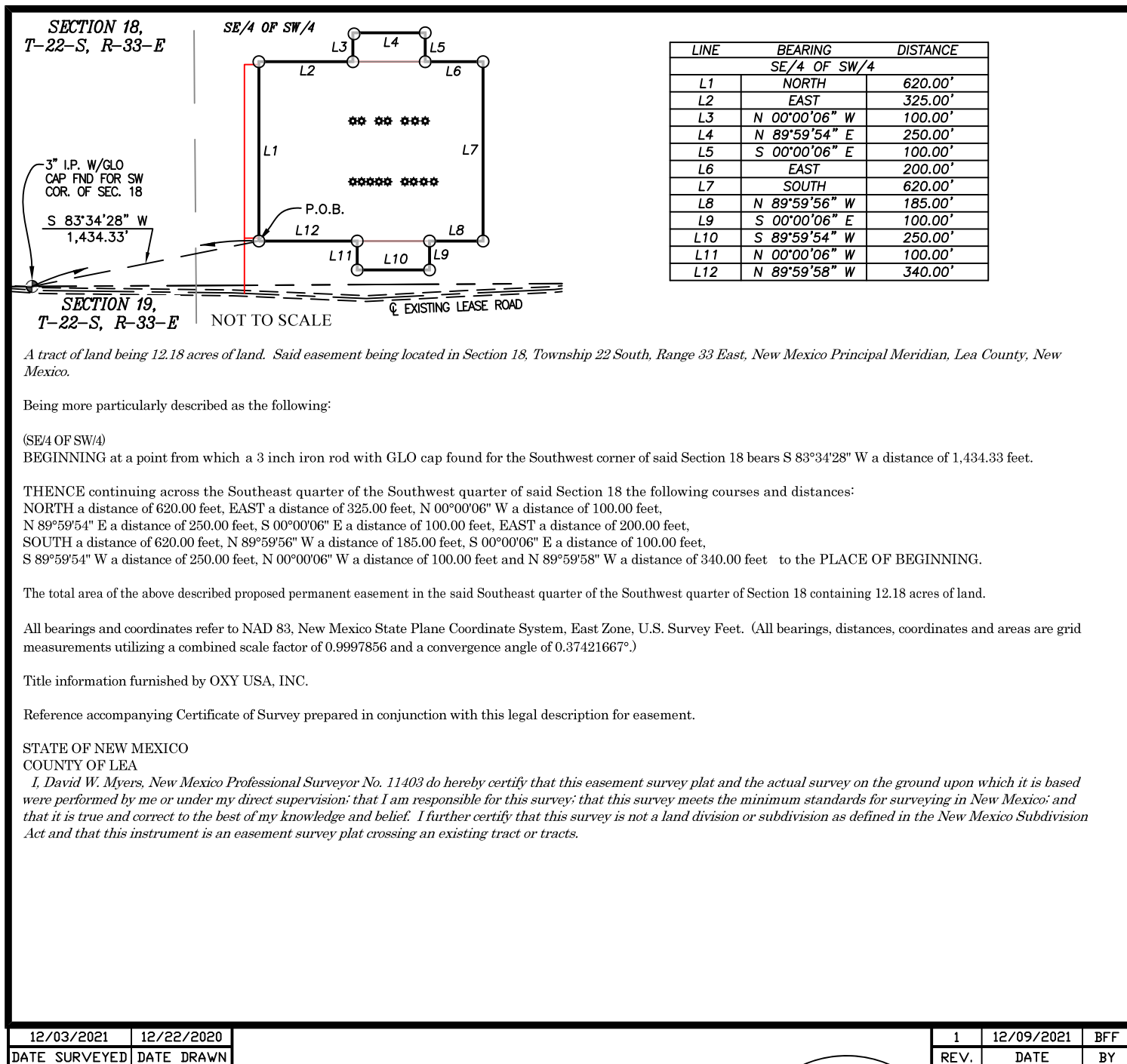
REDTNK_T22S-R33E_1801
SEC. 18 TWP. 22-S RGE. 33-E
SURVEY: N.M.P.M.

COUNTY: LEA

OPERATOR: OXY USA, INC.

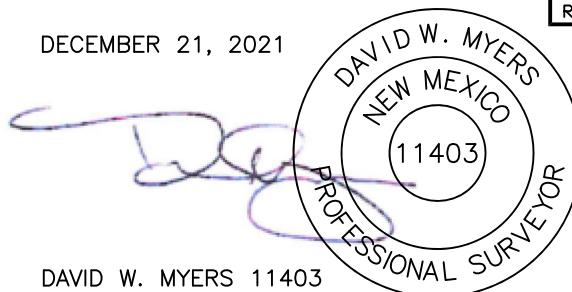
U.S.G.S. TOPOGRAPHIC MAP: GRAMA RIDGE, N.M.

FAA PERMIT NEEDED: NO



LEGEND			
—	EXISTING ROAD	— x —	OHP
—	PROPOSED ROAD	— x —	FENCE
—	SURFACE SITE EDGE	—	SECTION LINE
—	PIPELINE	—	PROPERTY LINE
—		—	WATER LINE
—		—	SALT WATER LINE
⊕	MONUMENT	●	QUARTER SPLIT

DECEMBER 21, 2021



PREPARED BY:
R-SQUARED GLOBAL, LLC
510 TRENTON ST. UNIT B
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:103.6141217W 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:504752.38' 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:32.38545504N / 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'

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

1	12/09/2021	BFF
REV.	DATE	BY

DECEMBER 21, 2021

BASIS OF BEARING

ALL BEARINGS AND COORDINATES REFER TO NAD 83, NEW MEXICO STATE PLANE COORDINATE SYSTEM, EAST ZONE 11. SURVEY FEET. (ALSO BEARING DISTANCES, COORDINATES AND AREAS ARE GRID MEASUREMENTS UTILIZING A COMBINED SCALE FACTOR OF 0.9997856 CONVERGENCE OF 0.37421667°.)

LEGEND			
— — — — —	EXISTING ROAD	— x — — —	OHP — — — — — OVERHEAD POWER
— — — — —	PROPOSED ROAD	— — — — —	FENCE
— — — — —	SURFACE SITE EDGE	— — — — —	SECTION LINE
— — — — —	PIPELINE	— — — — —	PROPERTY LINE
— — — — —		— — — — —	WATER LINE
— — — — —		— — — — —	SALT WATER LINE
⊕	MONUMENT	●	QUARTER SPLIT



DAVID W. MYERS 11403



PREPARED BY:
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PAGE 3 OF 3

Oxy USA Inc. - Senile Felines 18_7 State Com 22H

Drill Plan

1. Geologic Formations

TVD of Target (ft):	10993	Pilot Hole Depth (ft):	
Total Measured Depth (ft):	21266	Deepest Expected Fresh Water (ft):	882

Delaware Basin

Formation	MD-RKB (ft)	TVD-RKB (ft)	Expected Fluids
Rustler	882	882	
Salado	1584	1584	Salt
Castile	2816	2816	Salt
Delaware	4853	4853	Oil/Gas/Brine
Bell Canyon	4931	4931	Oil/Gas/Brine
Cherry Canyon	5967	5967	Oil/Gas/Brine
Brushy Canyon	7080	7077	Losses
Bone Spring	8771	8742	Oil/Gas
Bone Spring 1st	9894	9848	Oil/Gas
Bone Spring 2nd	10543	10488	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

Section	Hole Size (in)	MD		TVD		Csg. OD (in)	Csg Wt. (ppf)	Grade	Conn.
		From (ft)	To (ft)	From (ft)	To (ft)				
Surface	17.5	0	942	0	942	13.375	54.5	J-55	BTC
Salt	12.25	0	6577	0	6576	9.625	40	L-80 HC	BTC
Production	8.5	0	21266	0	10993	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 3 rd 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 2 nd 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%	942	-	984	1309	Circulate
Int.	1	Intermediate - Tail	OH x Csg	0.3132	20%	6,577	6,077	141	188	Circulate
Int.	1	Intermediate - Lead	OH x Csg	0.3132	50%	6,077	942	1394	2412	Circulate
Int.	1	Intermediate - Lead	Csg x Csg	0.3627	0%	942	-	197	342	Circulate
Prod.	1	Production - Tail	OH x Csg	0.2291	15%	21,266	10,374	2079	2869	Circulate
Prod.	1	Production - Lead	OH x Csg	0.2291	25%	10,374	6,577	485	1087	Circulate
Prod.	1	Production - Lead	Csg x Csg	0.2608	0%	6,577	6,077	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 nipped 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 nipping 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	6576
		3M	Blind Ram	✓	250 psi / 3000 psi	
			Pipe Ram			
			Double Ram	✓		
			Other*			
8.5" Hole	13-5/8"	5M	Annular	✓	70% of working pressure	10993
		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	942	0	942	Water-Based Mud	8.6 - 8.8	40-60	N/C
Intermediate	942	6577	942	6576	Saturated Brine-Based or Oil-Based Mud	8.0 - 10.0	35-45	N/C
Production	6577	21266	6576	10993	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	5488 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

- ☒ Directional Plan
- ☒ H2S Contingency Plan
- ☒ Flex III Attachments
- ☒ Spudder Rig Attachment
- ☒ 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



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 latest performance data, always visit our website: www.tenaris.com

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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



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 %	Operation Limit Torques	
Threads per inch	3.40	Compression Strength	522 x1000 lb	Operating Torque	32,000 ft-lb
Connection OD Option	Regular	Max. Allowable Bending	71 °/100 ft	Yield Torque	38,000 ft-lb
		External Pressure Capacity	11,100 psi	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 latest performance data, always visit our website: www.tenaris.com

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OXY

PRD NM DIRECTIONAL PLANS (NAD 1983)

Senile Felines 18_7

Senile Felines 18_7 State Com 22H

Wellbore #1

Plan: Permitting Plan

Standard Planning Report

08 March, 2022

OXY

Planning Report

Database:	HOPSPP	Local Co-ordinate Reference:	Well Senile Felines 18_7 State Com 22H
Company:	ENGINEERING DESIGNS	TVD Reference:	RKB=26.5' @ 3682.50ft
Project:	PRD NM DIRECTIONAL PLANS (NAD 1983)	MD Reference:	RKB=26.5' @ 3682.50ft
Site:	Senile Felines 18_7	North Reference:	Grid
Well:	Senile Felines 18_7 State Com 22H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Permitting Plan		

Project	PRD NM DIRECTIONAL PLANS (NAD 1983)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		Using geodetic scale factor

Site		Senile Felines 18_7			
Site Position:		Northing:	504,962.34 usft	Latitude:	32.386155
From:	Map	Easting:	763,528.05 usft	Longitude:	-103.613537
Position Uncertainty:	1.00 ft	Slot Radius:	13.200 in	Grid Convergence:	0.39 °

Well	Senile Felines 18_7 State Com 22H					
Well Position	+N/-S	0.04 ft	Northing:	504,962.38 usft	Latitude:	32.386155
	+E/-W	34.49 ft	Easting:	763,562.54 usft	Longitude:	-103.613426
Position Uncertainty		1.00 ft	Wellhead Elevation:		Ground Level:	3,656.00 ft

Wellbore	Wellbore #1					
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)	
	HDGM_FILE	1/26/2021	6.47	60.07	47,887.30000000	
	HDGM_FILE	3/8/2022	6.35	60.03	47,770.00000000	

Design	Permitting Plan				
Audit Notes:					
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.00	
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)	
	0.00	0.00	0.00	356.89	

Plan Survey Tool Program	Date	3/8/2022			
Depth From (ft)	Depth To (ft)	Survey (Wellbore)	Tool Name	Remarks	
1	0.00	21,266.14	Permitting Plan (Wellbore #1)	B001Mb_MWD+HRGM	
				OWSG MWD + HRGM	

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
6,165.00	0.00	0.00	6,165.00	0.00	0.00	0.00	0.00	0.00	0.00	
7,165.00	10.00	217.85	7,159.93	-68.73	-53.41	1.00	1.00	0.00	217.85	
10,374.07	10.00	217.85	10,320.25	-508.75	-395.34	0.00	0.00	0.00	0.00	
11,351.00	89.86	359.59	10,967.50	56.90	-469.88	10.00	8.17	14.51	141.33	
21,266.14	89.86	359.59	10,992.50	9,971.75	-540.94	0.00	0.00	0.00	0.00	PBHL (Senile)

OXY

Planning Report

Database:	HOPSPP	Local Co-ordinate Reference:	Well Senile Felines 18_7 State Com 22H
Company:	ENGINEERING DESIGNS	TVD Reference:	RKB=26.5' @ 3682.50ft
Project:	PRD NM DIRECTIONAL PLANS (NAD 1983)	MD Reference:	RKB=26.5' @ 3682.50ft
Site:	Senile Felines 18_7	North Reference:	Grid
Well:	Senile Felines 18_7 State Com 22H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Permitting Plan		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00
1,100.00	0.00	0.00	1,100.00	0.00	0.00	0.00	0.00	0.00	0.00
1,200.00	0.00	0.00	1,200.00	0.00	0.00	0.00	0.00	0.00	0.00
1,300.00	0.00	0.00	1,300.00	0.00	0.00	0.00	0.00	0.00	0.00
1,400.00	0.00	0.00	1,400.00	0.00	0.00	0.00	0.00	0.00	0.00
1,500.00	0.00	0.00	1,500.00	0.00	0.00	0.00	0.00	0.00	0.00
1,600.00	0.00	0.00	1,600.00	0.00	0.00	0.00	0.00	0.00	0.00
1,700.00	0.00	0.00	1,700.00	0.00	0.00	0.00	0.00	0.00	0.00
1,800.00	0.00	0.00	1,800.00	0.00	0.00	0.00	0.00	0.00	0.00
1,900.00	0.00	0.00	1,900.00	0.00	0.00	0.00	0.00	0.00	0.00
2,000.00	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00
2,100.00	0.00	0.00	2,100.00	0.00	0.00	0.00	0.00	0.00	0.00
2,200.00	0.00	0.00	2,200.00	0.00	0.00	0.00	0.00	0.00	0.00
2,300.00	0.00	0.00	2,300.00	0.00	0.00	0.00	0.00	0.00	0.00
2,400.00	0.00	0.00	2,400.00	0.00	0.00	0.00	0.00	0.00	0.00
2,500.00	0.00	0.00	2,500.00	0.00	0.00	0.00	0.00	0.00	0.00
2,600.00	0.00	0.00	2,600.00	0.00	0.00	0.00	0.00	0.00	0.00
2,700.00	0.00	0.00	2,700.00	0.00	0.00	0.00	0.00	0.00	0.00
2,800.00	0.00	0.00	2,800.00	0.00	0.00	0.00	0.00	0.00	0.00
2,900.00	0.00	0.00	2,900.00	0.00	0.00	0.00	0.00	0.00	0.00
3,000.00	0.00	0.00	3,000.00	0.00	0.00	0.00	0.00	0.00	0.00
3,100.00	0.00	0.00	3,100.00	0.00	0.00	0.00	0.00	0.00	0.00
3,200.00	0.00	0.00	3,200.00	0.00	0.00	0.00	0.00	0.00	0.00
3,300.00	0.00	0.00	3,300.00	0.00	0.00	0.00	0.00	0.00	0.00
3,400.00	0.00	0.00	3,400.00	0.00	0.00	0.00	0.00	0.00	0.00
3,500.00	0.00	0.00	3,500.00	0.00	0.00	0.00	0.00	0.00	0.00
3,600.00	0.00	0.00	3,600.00	0.00	0.00	0.00	0.00	0.00	0.00
3,700.00	0.00	0.00	3,700.00	0.00	0.00	0.00	0.00	0.00	0.00
3,800.00	0.00	0.00	3,800.00	0.00	0.00	0.00	0.00	0.00	0.00
3,900.00	0.00	0.00	3,900.00	0.00	0.00	0.00	0.00	0.00	0.00
4,000.00	0.00	0.00	4,000.00	0.00	0.00	0.00	0.00	0.00	0.00
4,100.00	0.00	0.00	4,100.00	0.00	0.00	0.00	0.00	0.00	0.00
4,200.00	0.00	0.00	4,200.00	0.00	0.00	0.00	0.00	0.00	0.00
4,300.00	0.00	0.00	4,300.00	0.00	0.00	0.00	0.00	0.00	0.00
4,400.00	0.00	0.00	4,400.00	0.00	0.00	0.00	0.00	0.00	0.00
4,500.00	0.00	0.00	4,500.00	0.00	0.00	0.00	0.00	0.00	0.00
4,600.00	0.00	0.00	4,600.00	0.00	0.00	0.00	0.00	0.00	0.00
4,700.00	0.00	0.00	4,700.00	0.00	0.00	0.00	0.00	0.00	0.00
4,800.00	0.00	0.00	4,800.00	0.00	0.00	0.00	0.00	0.00	0.00
4,900.00	0.00	0.00	4,900.00	0.00	0.00	0.00	0.00	0.00	0.00
5,000.00	0.00	0.00	5,000.00	0.00	0.00	0.00	0.00	0.00	0.00
5,100.00	0.00	0.00	5,100.00	0.00	0.00	0.00	0.00	0.00	0.00
5,200.00	0.00	0.00	5,200.00	0.00	0.00	0.00	0.00	0.00	0.00
5,300.00	0.00	0.00	5,300.00	0.00	0.00	0.00	0.00	0.00	0.00
5,400.00	0.00	0.00	5,400.00	0.00	0.00	0.00	0.00	0.00	0.00

OXY

Planning Report

Database:	HOPSPP	Local Co-ordinate Reference:	Well Senile Felines 18_7 State Com 22H
Company:	ENGINEERING DESIGNS	TVD Reference:	RKB=26.5' @ 3682.50ft
Project:	PRD NM DIRECTIONAL PLANS (NAD 1983)	MD Reference:	RKB=26.5' @ 3682.50ft
Site:	Senile Felines 18_7	North Reference:	Grid
Well:	Senile Felines 18_7 State Com 22H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Permitting Plan		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,500.00	0.00	0.00	5,500.00	0.00	0.00	0.00	0.00	0.00	0.00
5,600.00	0.00	0.00	5,600.00	0.00	0.00	0.00	0.00	0.00	0.00
5,700.00	0.00	0.00	5,700.00	0.00	0.00	0.00	0.00	0.00	0.00
5,800.00	0.00	0.00	5,800.00	0.00	0.00	0.00	0.00	0.00	0.00
5,900.00	0.00	0.00	5,900.00	0.00	0.00	0.00	0.00	0.00	0.00
6,000.00	0.00	0.00	6,000.00	0.00	0.00	0.00	0.00	0.00	0.00
6,100.00	0.00	0.00	6,100.00	0.00	0.00	0.00	0.00	0.00	0.00
6,165.00	0.00	0.00	6,165.00	0.00	0.00	0.00	0.00	0.00	0.00
6,200.00	0.35	217.85	6,200.00	-0.08	-0.07	-0.08	1.00	1.00	0.00
6,300.00	1.35	217.85	6,299.99	-1.26	-0.98	-1.20	1.00	1.00	0.00
6,400.00	2.35	217.85	6,399.93	-3.80	-2.96	-3.64	1.00	1.00	0.00
6,500.00	3.35	217.85	6,499.81	-7.73	-6.01	-7.39	1.00	1.00	0.00
6,600.00	4.35	217.85	6,599.58	-13.03	-10.13	-12.47	1.00	1.00	0.00
6,700.00	5.35	217.85	6,699.22	-19.71	-15.32	-18.85	1.00	1.00	0.00
6,800.00	6.35	217.85	6,798.70	-27.76	-21.57	-26.55	1.00	1.00	0.00
6,900.00	7.35	217.85	6,897.99	-37.17	-28.89	-35.56	1.00	1.00	0.00
7,000.00	8.35	217.85	6,997.05	-47.96	-37.27	-45.87	1.00	1.00	0.00
7,100.00	9.35	217.85	7,095.86	-60.11	-46.71	-57.49	1.00	1.00	0.00
7,165.00	10.00	217.85	7,159.93	-68.73	-53.41	-65.74	1.00	1.00	0.00
7,200.00	10.00	217.85	7,194.40	-73.53	-57.14	-70.33	0.00	0.00	0.00
7,300.00	10.00	217.85	7,292.88	-87.24	-67.79	-83.44	0.00	0.00	0.00
7,400.00	10.00	217.85	7,391.36	-100.95	-78.45	-96.56	0.00	0.00	0.00
7,500.00	10.00	217.85	7,489.84	-114.67	-89.10	-109.67	0.00	0.00	0.00
7,600.00	10.00	217.85	7,588.32	-128.38	-99.76	-122.79	0.00	0.00	0.00
7,700.00	10.00	217.85	7,686.80	-142.09	-110.41	-135.90	0.00	0.00	0.00
7,800.00	10.00	217.85	7,785.28	-155.80	-121.07	-149.01	0.00	0.00	0.00
7,900.00	10.00	217.85	7,883.76	-169.51	-131.72	-162.13	0.00	0.00	0.00
8,000.00	10.00	217.85	7,982.25	-183.22	-142.38	-175.24	0.00	0.00	0.00
8,100.00	10.00	217.85	8,080.73	-196.94	-153.03	-188.36	0.00	0.00	0.00
8,200.00	10.00	217.85	8,179.21	-210.65	-163.69	-201.47	0.00	0.00	0.00
8,300.00	10.00	217.85	8,277.69	-224.36	-174.34	-214.59	0.00	0.00	0.00
8,400.00	10.00	217.85	8,376.17	-238.07	-185.00	-227.70	0.00	0.00	0.00
8,500.00	10.00	217.85	8,474.65	-251.78	-195.65	-240.81	0.00	0.00	0.00
8,600.00	10.00	217.85	8,573.13	-265.49	-206.31	-253.93	0.00	0.00	0.00
8,700.00	10.00	217.85	8,671.61	-279.21	-216.96	-267.04	0.00	0.00	77.00
8,800.00	10.00	217.85	8,770.09	-292.92	-227.62	-280.16	0.00	0.00	0.00
8,900.00	10.00	217.85	8,868.57	-306.63	-238.27	-293.27	0.00	0.00	0.00
9,000.00	10.00	217.85	8,967.05	-320.34	-248.93	-306.39	0.00	0.00	0.00
9,100.00	10.00	217.85	9,065.53	-334.05	-259.58	-319.50	0.00	0.00	0.00
9,200.00	10.00	217.85	9,164.01	-347.76	-270.24	-332.61	0.00	0.00	0.00
9,300.00	10.00	217.85	9,262.50	-361.48	-280.89	-345.73	0.00	0.00	0.00
9,400.00	10.00	217.85	9,360.98	-375.19	-291.55	-358.84	0.00	0.00	0.00
9,500.00	10.00	217.85	9,459.46	-388.90	-302.20	-371.96	0.00	0.00	0.00
9,600.00	10.00	217.85	9,557.94	-402.61	-312.86	-385.07	0.00	0.00	0.00
9,700.00	10.00	217.85	9,656.42	-416.32	-323.51	-398.19	0.00	0.00	0.00
9,800.00	10.00	217.85	9,754.90	-430.03	-334.17	-411.30	0.00	0.00	0.00
9,900.00	10.00	217.85	9,853.38	-443.74	-344.82	-424.42	0.00	0.00	0.00
10,000.00	10.00	217.85	9,951.86	-457.46	-355.48	-437.53	0.00	0.00	0.00
10,100.00	10.00	217.85	10,050.34	-471.17	-366.13	-450.64	0.00	0.00	0.00
10,200.00	10.00	217.85	10,148.82	-484.88	-376.79	-463.76	0.00	0.00	0.00
10,300.00	10.00	217.85	10,247.30	-498.59	-387.44	-476.87	0.00	0.00	0.00
10,374.07	10.00	217.85	10,320.25	-508.75	-395.34	-486.59	0.00	0.00	0.00
10,400.00	8.14	229.37	10,345.85	-511.72	-398.11	-489.40	10.00	-7.19	44.43
10,500.00	7.83	307.08	10,445.14	-512.22	-408.94	-489.32	10.00	-0.31	77.71
10,600.00	15.99	337.21	10,542.99	-495.38	-419.74	-471.91	10.00	8.16	30.14

OXY

Planning Report

Database:	HOPSP	Local Co-ordinate Reference:	Well Senile Felines 18_7 State Com 22H
Company:	ENGINEERING DESIGNS	TVD Reference:	RKB=26.5' @ 3682.50ft
Project:	PRD NM DIRECTIONAL PLANS (NAD 1983)	MD Reference:	RKB=26.5' @ 3682.50ft
Site:	Senile Felines 18_7	North Reference:	Grid
Well:	Senile Felines 18_7 State Com 22H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Permitting Plan		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
10,700.00	25.48	346.36	10,636.43	-461.69	-430.17	-437.71	10.00	9.49	9.15
10,800.00	35.24	350.72	10,722.62	-412.19	-439.92	-387.76	10.00	9.76	4.35
10,900.00	45.09	353.36	10,798.95	-348.38	-448.69	-323.56	10.00	9.86	2.64
11,000.00	54.99	355.22	10,863.09	-272.20	-456.22	-247.09	10.00	9.90	1.86
11,100.00	64.91	356.68	10,913.10	-185.96	-462.27	-160.65	10.00	9.92	1.46
11,200.00	74.85	357.91	10,947.46	-92.29	-466.67	-66.87	10.00	9.93	1.24
11,300.00	84.79	359.03	10,965.12	5.98	-469.27	31.39	10.00	9.94	1.12
11,351.00	89.86	359.59	10,967.50	56.90	-469.88	82.27	10.00	9.94	1.09
11,400.00	89.86	359.59	10,967.62	105.90	-470.24	131.22	0.00	0.00	0.00
11,500.00	89.86	359.59	10,967.87	205.90	-470.95	231.11	0.00	0.00	0.00
11,600.00	89.86	359.59	10,968.13	305.90	-471.67	331.00	0.00	0.00	0.00
11,700.00	89.86	359.59	10,968.38	405.89	-472.39	430.89	0.00	0.00	0.00
11,800.00	89.86	359.59	10,968.63	505.89	-473.10	530.77	0.00	0.00	0.00
11,900.00	89.86	359.59	10,968.88	605.89	-473.82	630.66	0.00	0.00	0.00
12,000.00	89.86	359.59	10,969.14	705.88	-474.54	730.55	0.00	0.00	0.00
12,100.00	89.86	359.59	10,969.39	805.88	-475.25	830.44	0.00	0.00	0.00
12,200.00	89.86	359.59	10,969.64	905.88	-475.97	930.33	0.00	0.00	0.00
12,300.00	89.86	359.59	10,969.89	1,005.88	-476.69	1,030.22	0.00	0.00	0.00
12,400.00	89.86	359.59	10,970.14	1,105.87	-477.40	1,130.11	0.00	0.00	0.00
12,500.00	89.86	359.59	10,970.40	1,205.87	-478.12	1,230.00	0.00	0.00	0.00
12,600.00	89.86	359.59	10,970.65	1,305.87	-478.83	1,329.89	0.00	0.00	0.00
12,700.00	89.86	359.59	10,970.90	1,405.86	-479.55	1,429.78	0.00	0.00	0.00
12,800.00	89.86	359.59	10,971.15	1,505.86	-480.27	1,529.67	0.00	0.00	0.00
12,900.00	89.86	359.59	10,971.40	1,605.86	-480.98	1,629.55	0.00	0.00	0.00
13,000.00	89.86	359.59	10,971.66	1,705.86	-481.70	1,729.44	0.00	0.00	0.00
13,100.00	89.86	359.59	10,971.91	1,805.85	-482.42	1,829.33	0.00	0.00	0.00
13,200.00	89.86	359.59	10,972.16	1,905.85	-483.13	1,929.22	0.00	0.00	0.00
13,300.00	89.86	359.59	10,972.41	2,005.85	-483.85	2,029.11	0.00	0.00	0.00
13,400.00	89.86	359.59	10,972.67	2,105.84	-484.57	2,129.00	0.00	0.00	0.00
13,500.00	89.86	359.59	10,972.92	2,205.84	-485.28	2,228.89	0.00	0.00	0.00
13,600.00	89.86	359.59	10,973.17	2,305.84	-486.00	2,328.78	0.00	0.00	0.00
13,700.00	89.86	359.59	10,973.42	2,405.84	-486.72	2,428.67	0.00	0.00	0.00
13,800.00	89.86	359.59	10,973.67	2,505.83	-487.43	2,528.56	0.00	0.00	0.00
13,900.00	89.86	359.59	10,973.93	2,605.83	-488.15	2,628.45	0.00	0.00	0.00
14,000.00	89.86	359.59	10,974.18	2,705.83	-488.87	2,728.34	0.00	0.00	0.00
14,100.00	89.86	359.59	10,974.43	2,805.82	-489.58	2,828.22	0.00	0.00	0.00
14,200.00	89.86	359.59	10,974.68	2,905.82	-490.30	2,928.11	0.00	0.00	0.00
14,300.00	89.86	359.59	10,974.93	3,005.82	-491.02	3,028.00	0.00	0.00	0.00
14,400.00	89.86	359.59	10,975.19	3,105.82	-491.73	3,127.89	0.00	0.00	0.00
14,500.00	89.86	359.59	10,975.44	3,205.81	-492.45	3,227.78	0.00	0.00	0.00
14,600.00	89.86	359.59	10,975.69	3,305.81	-493.17	3,327.67	0.00	0.00	0.00
14,700.00	89.86	359.59	10,975.94	3,405.81	-493.88	3,427.56	0.00	0.00	0.00
14,800.00	89.86	359.59	10,976.20	3,505.80	-494.60	3,527.45	0.00	0.00	0.00
14,900.00	89.86	359.59	10,976.45	3,605.80	-495.32	3,627.34	0.00	0.00	0.00
15,000.00	89.86	359.59	10,976.70	3,705.80	-496.03	3,727.23	0.00	0.00	0.00
15,100.00	89.86	359.59	10,976.95	3,805.80	-496.75	3,827.12	0.00	0.00	0.00
15,200.00	89.86	359.59	10,977.20	3,905.79	-497.47	3,927.00	0.00	0.00	0.00
15,300.00	89.86	359.59	10,977.46	4,005.79	-498.18	4,026.89	0.00	0.00	0.00
15,400.00	89.86	359.59	10,977.71	4,105.79	-498.90	4,126.78	0.00	0.00	0.00
15,500.00	89.86	359.59	10,977.96	4,205.78	-499.62	4,226.67	0.00	0.00	0.00
15,600.00	89.86	359.59	10,978.21	4,305.78	-500.33	4,326.56	0.00	0.00	0.00
15,700.00	89.86	359.59	10,978.47	4,405.78	-501.05	4,426.45	0.00	0.00	0.00
15,800.00	89.86	359.59	10,978.72	4,505.77	-501.77	4,526.34	0.00	0.00	0.00
15,900.00	89.86	359.59	10,978.97	4,605.77	-502.48	4,626.23	0.00	0.00	0.00
16,000.00	89.86	359.59	10,979.22	4,705.77	-503.20	4,726.12	0.00	0.00	0.00

OXY

Planning Report

Database:	HOPSP	Local Co-ordinate Reference:	Well Senile Felines 18_7 State Com 22H
Company:	ENGINEERING DESIGNS	TVD Reference:	RKB=26.5' @ 3682.50ft
Project:	PRD NM DIRECTIONAL PLANS (NAD 1983)	MD Reference:	RKB=26.5' @ 3682.50ft
Site:	Senile Felines 18_7	North Reference:	Grid
Well:	Senile Felines 18_7 State Com 22H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Permitting Plan		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
16,100.00	89.86	359.59	10,979.47	4,805.77	-503.92	4,826.01	0.00	0.00	0.00
16,200.00	89.86	359.59	10,979.73	4,905.76	-504.63	4,925.90	0.00	0.00	0.00
16,300.00	89.86	359.59	10,979.98	5,005.76	-505.35	5,025.78	0.00	0.00	0.00
16,400.00	89.86	359.59	10,980.23	5,105.76	-506.07	5,125.67	0.00	0.00	0.00
16,500.00	89.86	359.59	10,980.48	5,205.75	-506.78	5,225.56	0.00	0.00	0.00
16,600.00	89.86	359.59	10,980.73	5,305.75	-507.50	5,325.45	0.00	0.00	0.00
16,700.00	89.86	359.59	10,980.99	5,405.75	-508.22	5,425.34	0.00	0.00	0.00
16,800.00	89.86	359.59	10,981.24	5,505.75	-508.93	5,525.23	0.00	0.00	0.00
16,900.00	89.86	359.59	10,981.49	5,605.74	-509.65	5,625.12	0.00	0.00	0.00
17,000.00	89.86	359.59	10,981.74	5,705.74	-510.37	5,725.01	0.00	0.00	0.00
17,100.00	89.86	359.59	10,982.00	5,805.74	-511.08	5,824.90	0.00	0.00	0.00
17,200.00	89.86	359.59	10,982.25	5,905.73	-511.80	5,924.79	0.00	0.00	0.00
17,300.00	89.86	359.59	10,982.50	6,005.73	-512.52	6,024.68	0.00	0.00	0.00
17,400.00	89.86	359.59	10,982.75	6,105.73	-513.23	6,124.57	0.00	0.00	0.00
17,500.00	89.86	359.59	10,983.00	6,205.73	-513.95	6,224.45	0.00	0.00	0.00
17,600.00	89.86	359.59	10,983.26	6,305.72	-514.67	6,324.34	0.00	0.00	0.00
17,700.00	89.86	359.59	10,983.51	6,405.72	-515.38	6,424.23	0.00	0.00	0.00
17,800.00	89.86	359.59	10,983.76	6,505.72	-516.10	6,524.12	0.00	0.00	0.00
17,900.00	89.86	359.59	10,984.01	6,605.71	-516.82	6,624.01	0.00	0.00	0.00
18,000.00	89.86	359.59	10,984.26	6,705.71	-517.53	6,723.90	0.00	0.00	0.00
18,100.00	89.86	359.59	10,984.52	6,805.71	-518.25	6,823.79	0.00	0.00	0.00
18,200.00	89.86	359.59	10,984.77	6,905.71	-518.97	6,923.68	0.00	0.00	0.00
18,300.00	89.86	359.59	10,985.02	7,005.70	-519.68	7,023.57	0.00	0.00	0.00
18,400.00	89.86	359.59	10,985.27	7,105.70	-520.40	7,123.46	0.00	0.00	0.00
18,500.00	89.86	359.59	10,985.53	7,205.70	-521.12	7,223.35	0.00	0.00	0.00
18,600.00	89.86	359.59	10,985.78	7,305.69	-521.83	7,323.23	0.00	0.00	0.00
18,700.00	89.86	359.59	10,986.03	7,405.69	-522.55	7,423.12	0.00	0.00	0.00
18,800.00	89.86	359.59	10,986.28	7,505.69	-523.27	7,523.01	0.00	0.00	0.00
18,900.00	89.86	359.59	10,986.53	7,605.69	-523.98	7,622.90	0.00	0.00	0.00
19,000.00	89.86	359.59	10,986.79	7,705.68	-524.70	7,722.79	0.00	0.00	0.00
19,100.00	89.86	359.59	10,987.04	7,805.68	-525.42	7,822.68	0.00	0.00	0.00
19,200.00	89.86	359.59	10,987.29	7,905.68	-526.13	7,922.57	0.00	0.00	0.00
19,300.00	89.86	359.59	10,987.54	8,005.67	-526.85	8,022.46	0.00	0.00	0.00
19,400.00	89.86	359.59	10,987.79	8,105.67	-527.57	8,122.35	0.00	0.00	0.00
19,500.00	89.86	359.59	10,988.05	8,205.67	-528.28	8,222.24	0.00	0.00	0.00
19,600.00	89.86	359.59	10,988.30	8,305.67	-529.00	8,322.13	0.00	0.00	0.00
19,700.00	89.86	359.59	10,988.55	8,405.66	-529.72	8,422.02	0.00	0.00	0.00
19,800.00	89.86	359.59	10,988.80	8,505.66	-530.43	8,521.90	0.00	0.00	0.00
19,900.00	89.86	359.59	10,989.06	8,605.66	-531.15	8,621.79	0.00	0.00	0.00
20,000.00	89.86	359.59	10,989.31	8,705.65	-531.87	8,721.68	0.00	0.00	0.00
20,100.00	89.86	359.59	10,989.56	8,805.65	-532.58	8,821.57	0.00	0.00	0.00
20,200.00	89.86	359.59	10,989.81	8,905.65	-533.30	8,921.46	0.00	0.00	0.00
20,300.00	89.86	359.59	10,990.06	9,005.65	-534.02	9,021.35	0.00	0.00	0.00
20,400.00	89.86	359.59	10,990.32	9,105.64	-534.73	9,121.24	0.00	0.00	0.00
20,500.00	89.86	359.59	10,990.57	9,205.64	-535.45	9,221.13	0.00	0.00	0.00
20,600.00	89.86	359.59	10,990.82	9,305.64	-536.17	9,321.02	0.00	0.00	0.00
20,700.00	89.86	359.59	10,991.07	9,405.63	-536.88	9,420.91	0.00	0.00	0.00
20,800.00	89.86	359.59	10,991.32	9,505.63	-537.60	9,520.80	0.00	0.00	0.00
20,900.00	89.86	359.59	10,991.58	9,605.63	-538.32	9,620.68	0.00	0.00	0.00
21,000.00	89.86	359.59	10,991.83	9,705.63	-539.03	9,720.57	0.00	0.00	0.00
21,100.00	89.86	359.59	10,992.08	9,805.62	-539.75	9,820.46	0.00	0.00	0.00
21,200.00	89.86	359.59	10,992.33	9,905.62	-540.47	9,920.35	0.00	0.00	0.00
21,266.14	89.86	359.59	10,992.50	9,971.75	-540.94	9,986.41	0.00	0.00	0.00

OXY

Planning Report

Database:	HOPSP	Local Co-ordinate Reference:	Well Senile Felines 18_7 State Com 22H
Company:	ENGINEERING DESIGNS	TVD Reference:	RKB=26.5' @ 3682.50ft
Project:	PRD NM DIRECTIONAL PLANS (NAD 1983)	MD Reference:	RKB=26.5' @ 3682.50ft
Site:	Senile Felines 18_7	North Reference:	Grid
Well:	Senile Felines 18_7 State Com 22H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Permitting Plan		

Design Targets									
Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (usft)	Easting (usft)	Latitude	Longitude
FTP (Senile Felines - plan misses target center by 204.86ft at 10918.83ft MD (10812.02 TVD, -334.91 N, -450.21 E) - Point	0.00	0.00	10,967.50	-467.36	-466.09	504,495.04	763,096.47	32.384879	-103.614946
PBHL (Senile Felines - plan hits target center - Point	0.00	0.00	10,992.50	9,971.75	-540.94	514,933.77	763,021.62	32.413572	-103.614961

Formations						
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)	
881.50	881.50	RUSTLER				
1,583.50	1,583.50	SALADO				
2,815.50	2,815.50	CASTILE				
4,852.50	4,852.50	DELAWARE				
4,930.50	4,930.50	BELL CANYON				
5,966.50	5,966.50	CHERRY CANYON				
7,080.39	7,076.50	BRUSHY CANYON				
8,770.97	8,741.50	BONE SPRING				
9,894.03	9,847.50	BONE SPRING 1ST				
10,542.94	10,487.50	BONE SPRING 2ND				

Plan Annotations					
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates			
		+N/-S (ft)	+E/-W (ft)	Comment	
6,165.00	6,165.00	0.00	0.00	Build 1°/100'	
7,165.00	7,159.93	-68.73	-53.41	Hold 10° Tangent	
10,374.07	10,320.25	-508.75	-395.34	KOP, Build & Turn 10°/100'	
11,351.00	10,967.50	56.90	-469.88	Landing Point	
21,266.14	10,992.50	9,971.75	-540.94	TD at 21266.14' MD	



Project: PRD NM DIRECTIONAL PLANS (NAD 1983)
 Site: Senile Felines 18_7
 Well: Senile Felines 18_7 State Com 22H
 Wellbore: Wellbore #1
 Design: Permitting Plan

PROJECT DETAILS: NM DIRECTIONAL PLANS (NAD 1983)

Geodetic System: US State Plane 1983
 Datum: North American Datum 1983
 Ellipsoid: GRS 1980
 Zone: New Mexico Eastern Zone

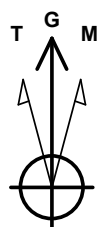
System Datum: Mean Sea Level

WELL DETAILS: Senile Felines 18_7 State Com 22H

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.00	0.00	504962.38	3656.00 763562.54	32.386155	-103.613425

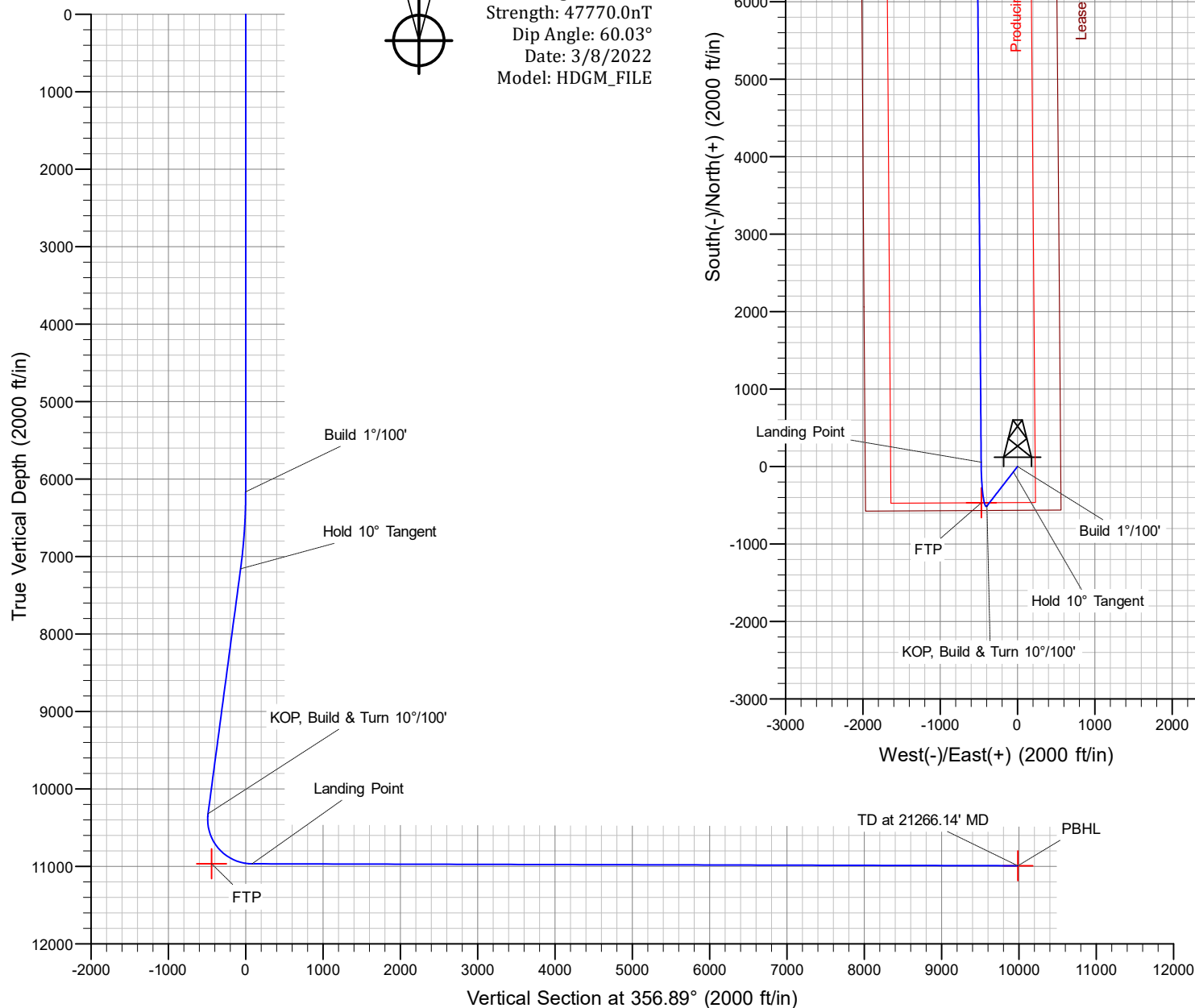
SECTION DETAILS

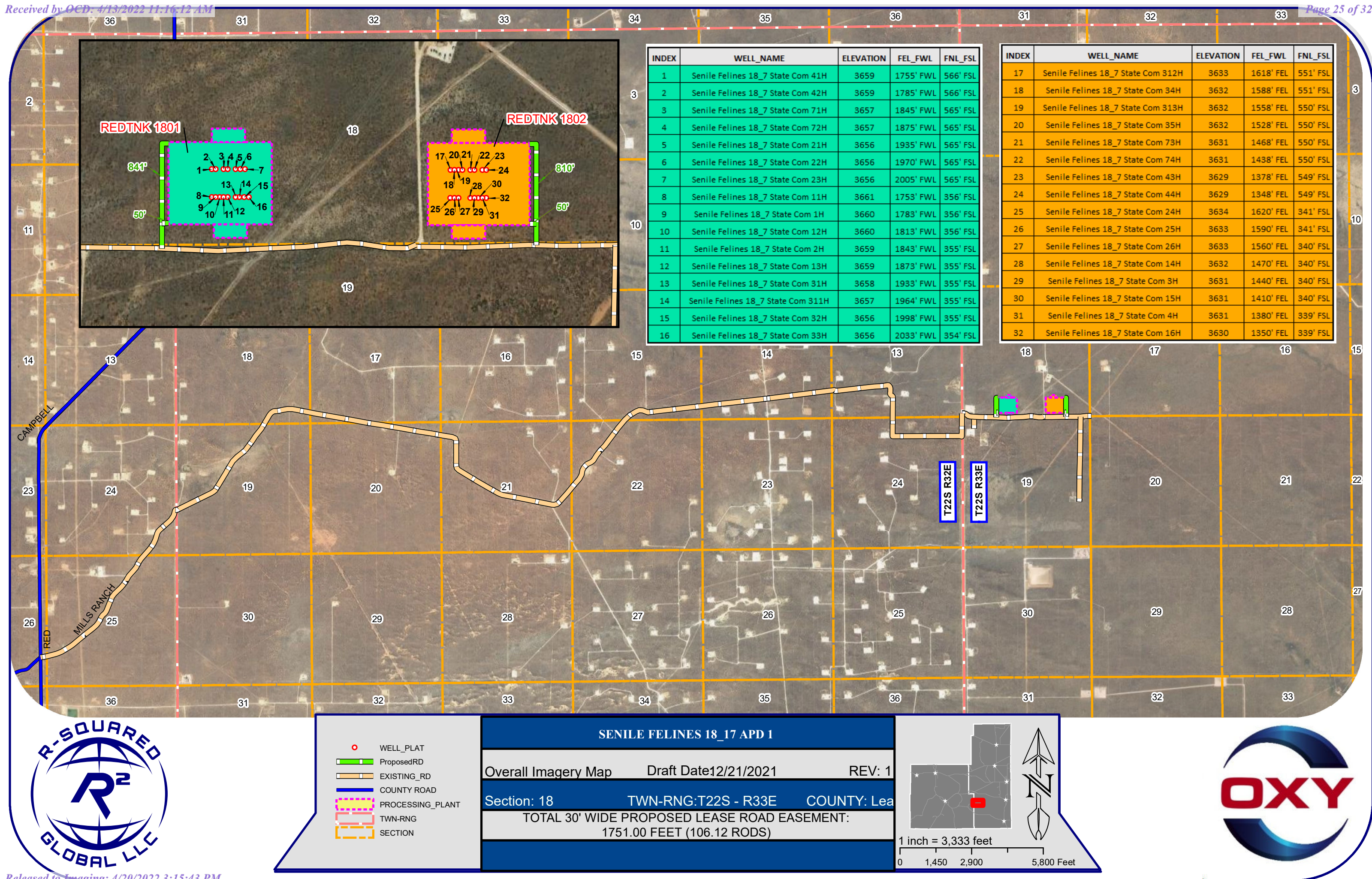
MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VFace	Annotation
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
6165.00	0.00	0.00	6165.00	0.00	0.00	0.00	0.00	0.00	Build 1°/100'
7165.00	10.00	217.85	7159.93	-68.73	-53.41	1.00	217.85	-65.74	Hold 10° Tangent
10374.07	10.00	217.85	10320.25	-508.75	-395.34	0.00	0.00	-486.59	KOP, Build & Turn 10°/100'
11351.00	89.86	359.59	10967.50	56.90	-469.88	10.00	141.33	82.27	Landing Point
21266.14	89.86	359.59	10992.50	9971.75	-540.94	0.00	0.00	9986.41	TD at 21266.14' MD



Azimuths to Grid North
 True North: -0.39°
 Magnetic North: 5.96°

Magnetic Field
 Strength: 47770.0nT
 Dip Angle: 60.03°
 Date: 3/8/2022
 Model: HDGM_FILE







WELL PAD CONTOURS

REDTNK T22N-R33E 1801

SEC. 18 TWP. 22-S RGE. 33-E

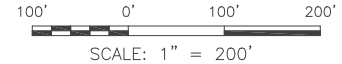
SURVEY: N.M.P.M.

COUNTY: LEA

OPERATOR: OXY USA, INC.

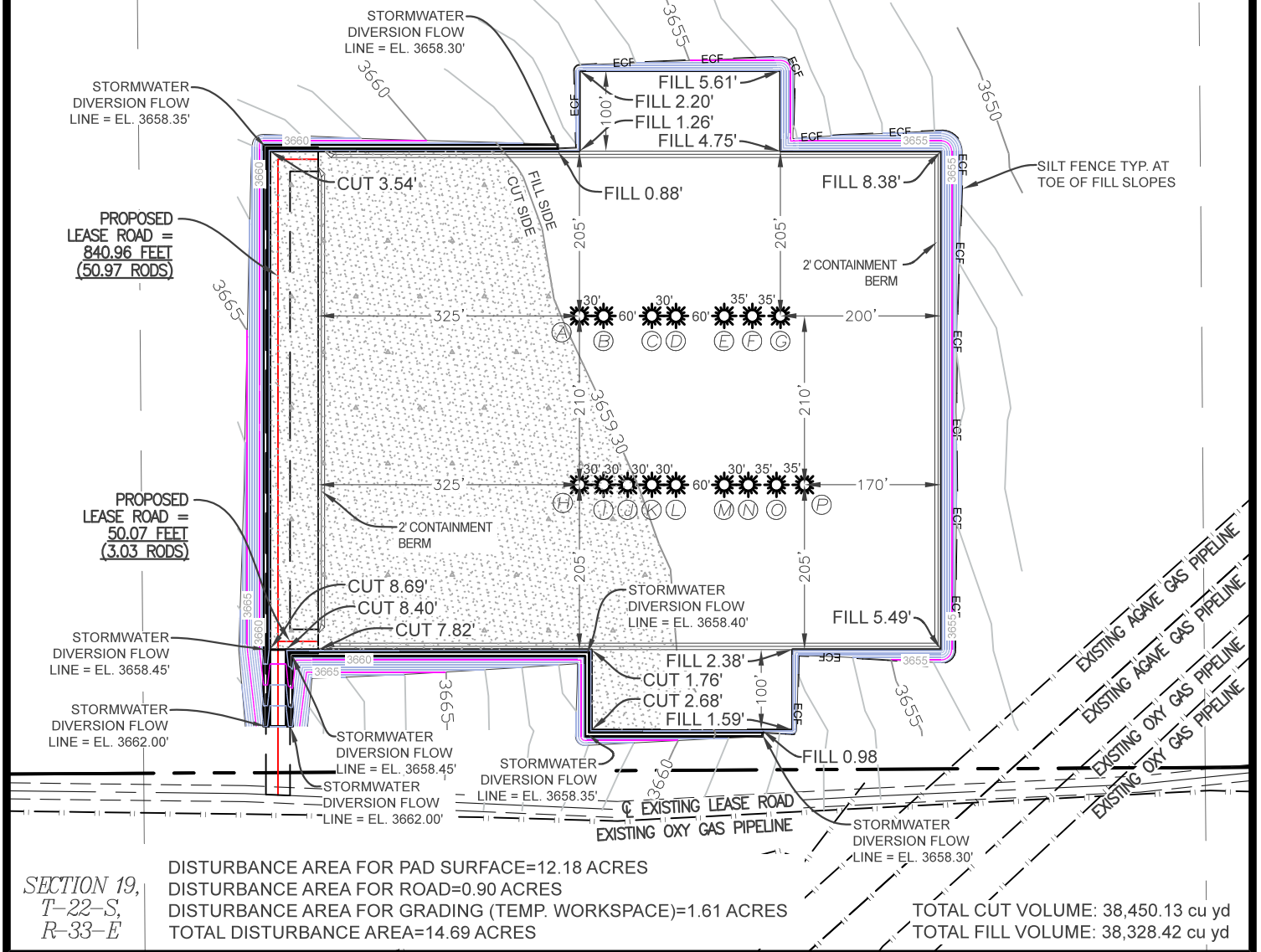
U.S.G.S. TOPOGRAPHIC MAP: GRAMA RIDGE, N.M.

FAA PERMIT NEEDED: NO



SECTION 18,
T-22-S,
R-33-E

A.	SENILE FELINES	18_7	STATE	COM	41H	H.	SENILE FELINES	18_7	STATE	COM	11H
B.	SENILE FELINES	18_7	STATE	COM	42H	I.	SENILE FELINES	18_7	STATE	COM	1H
C.	SENILE FELINES	18_7	STATE	COM	71H	J.	SENILE FELINES	18_7	STATE	COM	12H
D.	SENILE FELINES	18_7	STATE	COM	72H	K.	SENILE FELINES	18_7	STATE	COM	2H
E.	SENILE FELINES	18_7	STATE	COM	21H	L.	SENILE FELINES	18_7	STATE	COM	13H
F.	SENILE FELINES	18_7	STATE	COM	22H	M.	SENILE FELINES	18_7	STATE	COM	31H
G.	SENILE FELINES	18_7	STATE	COM	23H	N.	SENILE FELINES	18_7	STATE	COM	311H
						O.	SENILE FELINES	18_7	STATE	COM	32H
						P.	SENILE FELINES	18_7	STATE	COM	33H



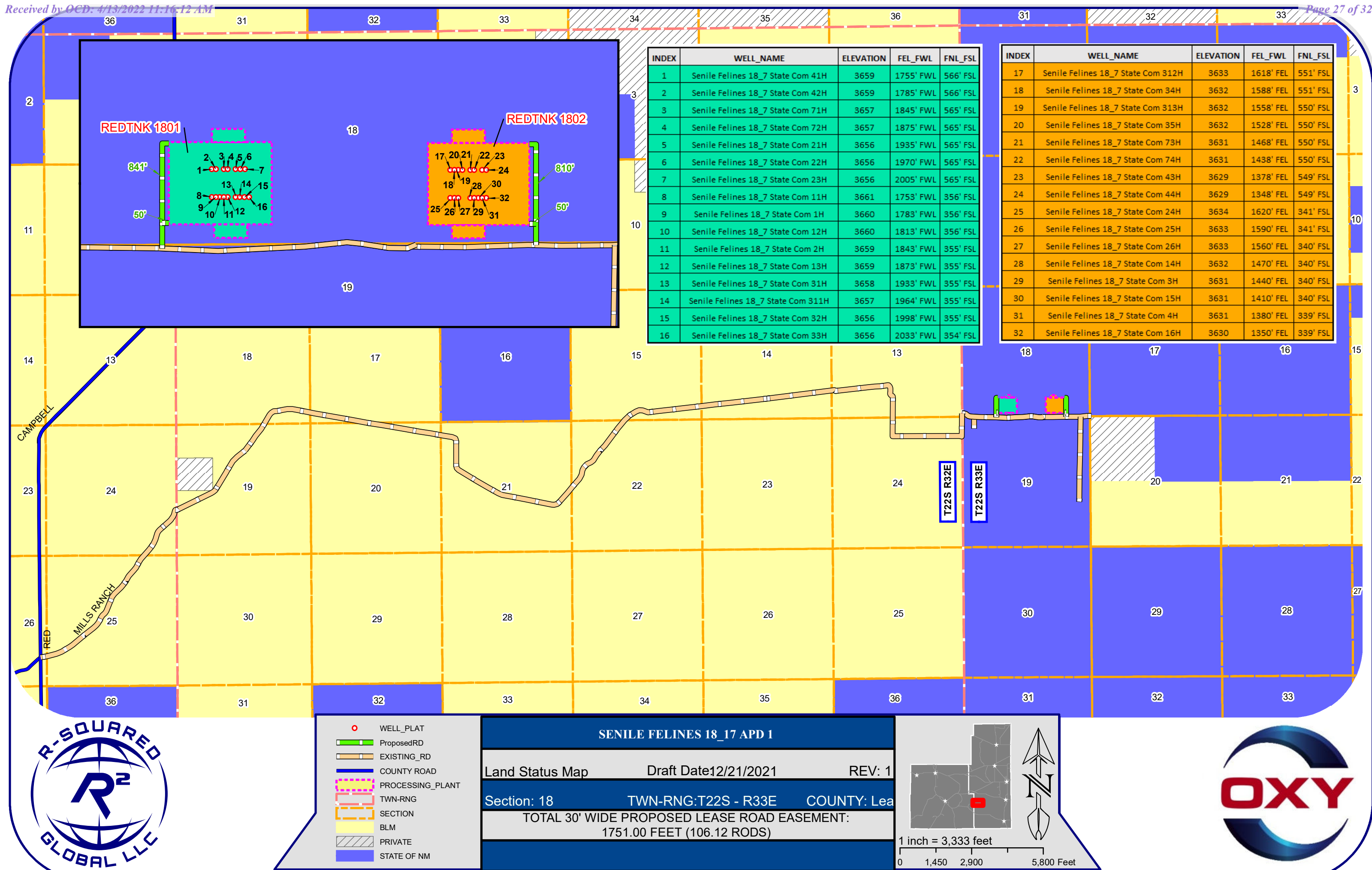
12/03/2021	12/30/2020	03/16/2022
DATE SURVEYED	DATE DRAWN	REV. 2

LEGEND		
---	PIPELINE	--- EDGE OF ROAD
---	PROP. PAD SURFACE	--- Q. OF ROAD
---	PROPERTY LINE	--- SALT WATER DISP.
---	PROP. LEASE ROAD	--- PROP. 1' CTR. LINES
---	EXIST. 1' CTR. LINES	--- PROP. 5' CTR. LINES
---	EXIST. 5' CTR. LINES	--- ECF
		--- OHP
		--- x
		--- 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
6	Senile Felines 18_7 State Com 22H	3656	1970' FWL	565' FSL
7	Senile Felines 18_7 State Com 23H	3656	2005' FWL	565' FSL
8	Senile Felines 18_7 State Com 11H	3661	1753' FWL	356' FSL
9	Senile Felines 18_7 State Com 1H	3660	1783' FWL	356' FSL
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



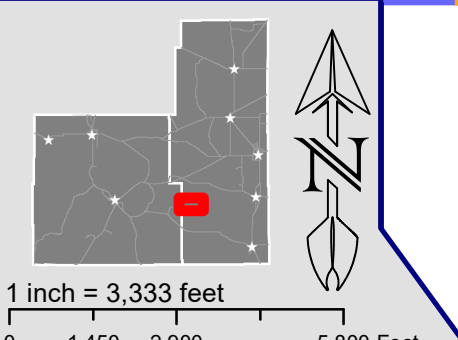
- WELL_PLAT
- ProposedRD
- EXISTING_RD
- COUNTY ROAD
- PROCESSING_PLANT
- TWN-RNG
- SECTION
- BLM
- PRIVATE
- STATE OF NM

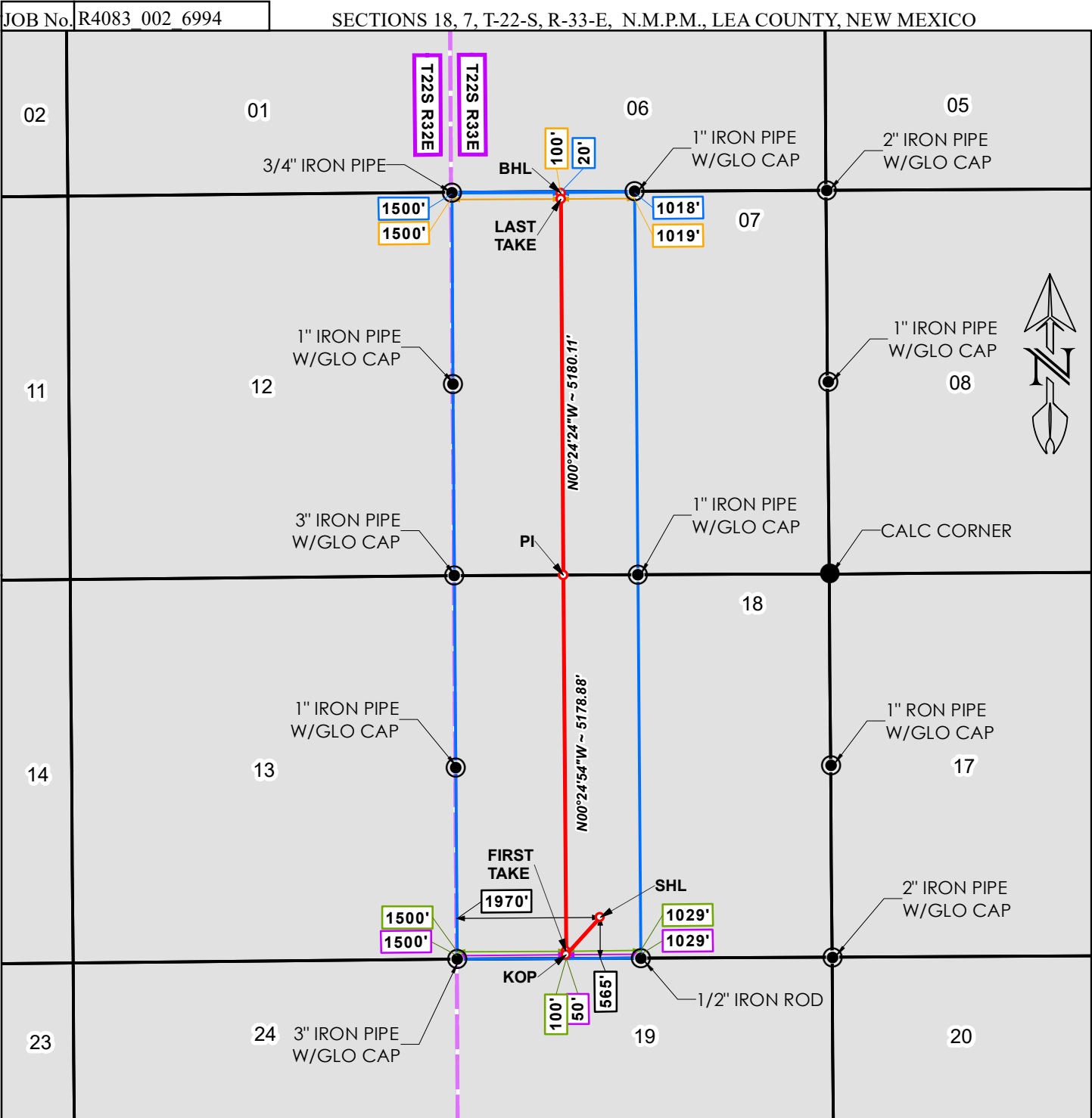
SENILE FELINES 18_17 APD 1

Land Status Map Draft Date 12/21/2021 REV: 1

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

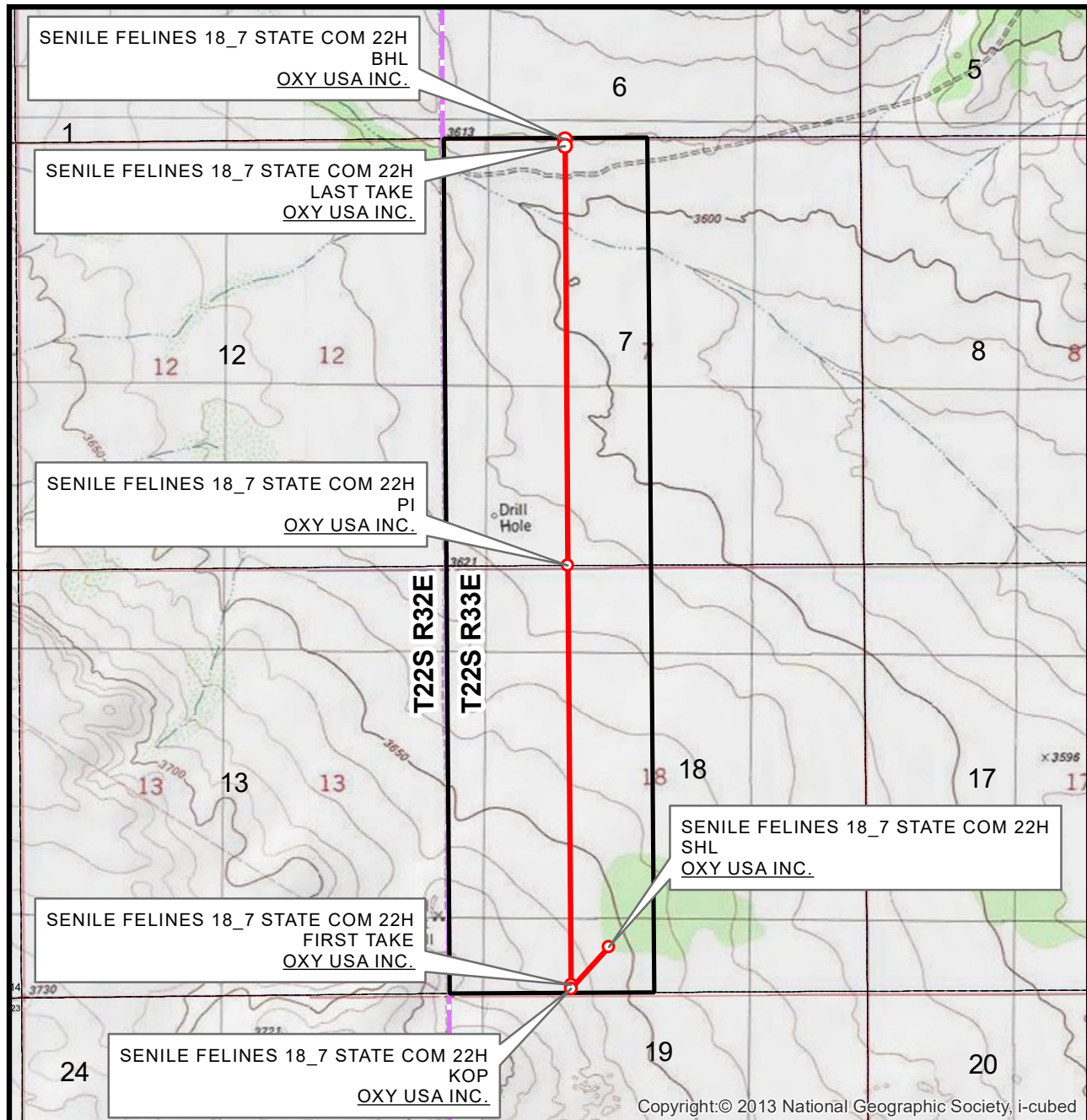
TOTAL 30' WIDE PROPOSED LEASE ROAD EASEMENT:
1751.00 FEET (106.12 RODS)





DRIVING DIRECTIONS				
FROM THE INTERSECTION OF US HWY 285 AND NM HWY 31, HEAD EAST ON NM HWY 31 FOR 7.7 MILES TO NM-128 E. TURN RIGHT ONTO NM-128 E HEADING SOUTHEAST FOR 18 MILES TO RED RD TURN LEFT ONTO RED RD HEADING NORTH FOR 7.4 MILES TO MILLS RANCH RD.TURN RIGHT ON TO MILLS RANCH RD (A CALICHE ROAD) HEADING NORTHEAST FOR 4.01 MILES TO A TURN TO THE RIGHT.CONTINUE ON MILLS RANCH ROAD HEADING SOUTH FOR 8.9 MILES TO A CALICHE ROAD. TURN LEFT ONTO THE CALICHE ROAD AND TRAVEL NORTH 0.17 OF A MILE TO A CALICHE ROAD. TURN RIGHT ONTO THE CALICHE ROAD AND TRAVEL EAST 0.27 OF A MILE TO THE PROPOSED LEASE ROAD. TURN LEFT ONTO THE PROPOSED LEASE ROAD AND TRAVEL NORTH FOR 191 FEET. TURN RIGHT AND CONTINUE EAST FOR 50 FEET ENTERING THE SOUTHWEST CORNER OF THE REDTNK 1801 WELL PAD.				
EXHIBIT STATUS		1,000 0 1,000 2,000 1 inch = 2,000 feet		
FEBRUARY 10, 2022 DAVID W. MYERS 11403		LEGEND SUBJECT WELL / DRILL LINE SURVEY/SECTION LINE LEASE LINE OTHER WELLS / DRILL LINES TOWNSHIP / RANGE LINE FOUND MONUMENT		
CERTIFICATION		WELL NAME		
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.		SENILE FELINES 18_7 STATE COM 22H		
NOTES		DATE SURVEYED: 12/17/2020		
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 ANGLE OF 00°22'27.18".)		1 02/08/2022	REVISED DRILL LINE	DEF MWS
		REV. DATE	DESCRIPTION	BY CHKD
		SHEET 1 OF 1		
		DRAWN BY: DEF		
		DATE DRAWN: 2/10/2022		
		CHECKED BY: MWS		
		510 TRENTON ST., UNIT B, WEST MONROE, LA 71291 (318) 323-6900		

LOCATION VERIFICATION MAP



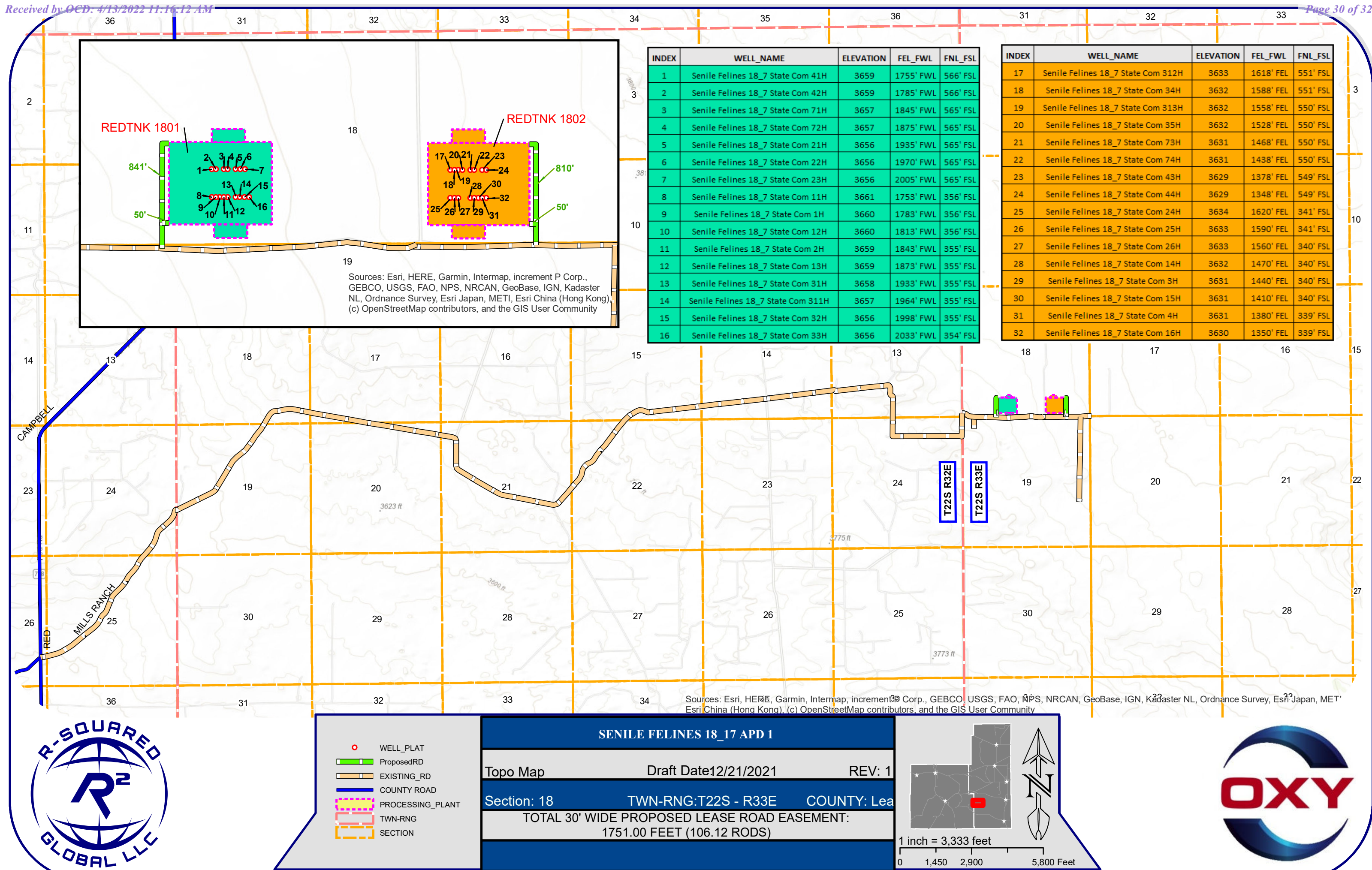
SEC. 18 TWP. 22-S RGE. 33-E
 SURVEY: N.M.P.M.
 COUNTY: LEA
 OPERATOR: OXY USA INC.
 DESCRIPTION: 565' FSL & 1970' FWL
 ELEVATION: 3656'
 LEASE: SENILE FELINES 18_7 STATE COM
 U.S.G.S. TOPOGRAPHIC MAP: GRAMA RIDGE, NM.

1" = 2,000'
 CONTOUR INTERVAL = 10'

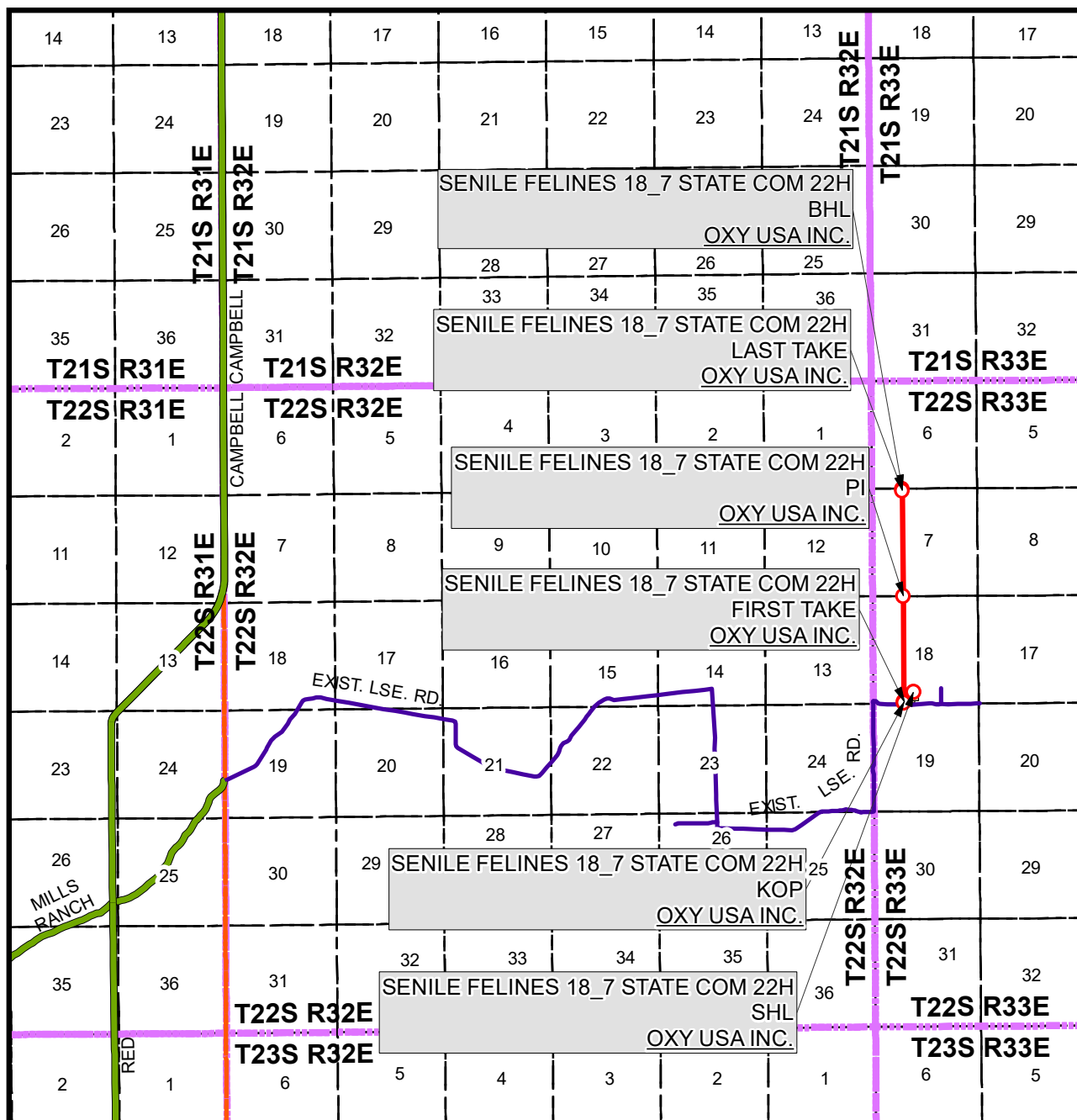


SHEET 2 OF 3

PREPARED BY:
 R-SQUARED GLOBAL, LLC
 510 TRENTON ST., UNIT B,
 WEST MONROE, LA 71291
 318-323-6900 OFFICE
 JOB No. R4083_002_6994



VICINITY MAP



SEC. 18 TWP. 22-S RGE. 33-E

SURVEY: N.M.P.M.

COUNTY: LEA

OPERATOR: OXY USA INC.

DESCRIPTION: 565' FSL & 1970' FWL

ELEVATION: 3656'

LEASE: SENILE FELINES 18_7 STATE COM

U.S.G.S. TOPOGRAPHIC MAP: GRAMA RIDGE, NM.

VERTICAL DATUM: NAVD 1988

1" = 1.5 MILE

FROM THE INTERSECTION OF US HWY 285 AND NM HWY 31, HEAD EAST ON NM HWY 31 FOR 7.7 MILES TO NM-128 E. TURN RIGHT ONTO NM-128 E HEADING SOUTHEAST FOR 18 MILES TO RED RD TURN LEFT ONTO RED RD HEADING NORTH FOR 7.4 MILES TO MILLS RANCH RD. TURN RIGHT ON TO MILLS RANCH RD (A CALICHE ROAD) HEADING NORTHEAST FOR 4.01 MILES TO A TURN TO THE RIGHT. CONTINUE ON MILLS RANCH ROAD HEADING SOUTH FOR 8.9 MILES TO A CALICHE ROAD. TURN LEFT ONTO THE CALICHE ROAD AND TRAVEL NORTH 0.17 OF A MILE TO A CALICHE ROAD. TURN RIGHT ONTO THE CALICHE ROAD AND TRAVEL EAST 0.3 OF A MILE TO THE PROPOSED LEASE ROAD. TURN LEFT ONTO THE PROPOSED LEASE ROAD AND TRAVEL NORTH FOR 206 FEET. TURN RIGHT AND CONTINUE EAST FOR 50 FEET ENTERING THE SOUTHWEST CORNER OF THE REDTNK 1801 WELL PAD.



SHEET 3 OF 3

PREPARED BY:
R-SQUARED GLOBAL, LLC
510 TRENTON ST., UNIT B,
WEST MONROE, LA 71291
318-323-6900 OFFICE
JOB No. R4083_002_6994

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 98209

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 98209
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

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