District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

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

Form C-101
Revised July 18, 2013

NM OIL CONSERVATION
ARTESIA DISTRICT
NOV 09 2017

RECEIVED

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

1. Operator Name and Address	2. OGRID Number
Solaris Water Midstream, LLC 701 Tradewinds Blvd., Suite C, Midland, TX 79706	371643
	3. API Number: 30-015- 44557

4. Property Code	5. Property Name	6. Well No.
320044 (TBD)	Corral Fly SWD	1

7. Surface Location
(To be verified by field survey)

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
M	1	25S	29E		814	FSL	1212	FWL	EDDY

8. Proposed Bottom Hole Location
(To be verified by field survey)

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
M	1	25S	29E		814	FSL	1212	FWL	EDDY

9. Pool Information

Pool Name	Pool Code
SWD; Devonian-Silurian	97869

Additional Well Information

11. Work Type	12. Well Type	13. Cable/Rotary	14. Lease Type	15. Ground Level Elevation
N	SWD	R	P S	3083'
16. Multiple	**17. Proposed Depth**	**18. Formation**	**19. Contractor**	**20. Spud Date**
No	16,700'	Fusselman	Latshaw	12/15/2017

Depth to Ground water	Distance from nearest fresh water well	Distance to nearest surface water
42'	2335'	n/a

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

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surface	26.5"	20.0"	94.0 lb/ft	575'	900	SURFACE
Intermediate	17.5"	13.375"	68.0 lb/ft	3260'	1300	SURFACE
Production	12.25"	9.875"	62.8 lb/ft	12,000'	2300	SURFACE
Liner	8.5	7.625"	39.0 lb/ft	11,700'-15,500'	450	TOL
Openhole	6.5	- -	- -	15,500'-16,700'		

Casing/Cement Program: Additional Comments

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Hydraulic/Blinds, Pipe	10000 (10M)	10000	Shaffer or Equivalent

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief. **I further certify that I have complied with 19.15.14.9 (A) NMAC ☐ and/or 19.15.14.9 (B) NMAC ☐, if applicable.** Signature: Ben Stone	OIL CONSERVATION DIVISION
Printed name: Ben Stone	Approved By: Raymond W. Podany
Title: Agent for Solaris Water Midstream, LLC	Title: Geologist
E-mail Address: ben@sosconsulting.us	Approved Date: 11-14-17 Expiration Date: 11-14-19
Date: 11/09/2017 Phone: 903-488-9850	Conditions of Approval Attached C-108.

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ARTESIA DISTRICT
NOV 09 2017
RECEIVED

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

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
30-015- 44557	97869	SWD; DEVONIAN-SILURIAN

Property Code	Property Name	Well Number
320044	CORRAL FLY SWD	1

OGRID No.	Operator Name	Elevation
371643	SOLARIS MIDSTREAM	3083'

Surface Location

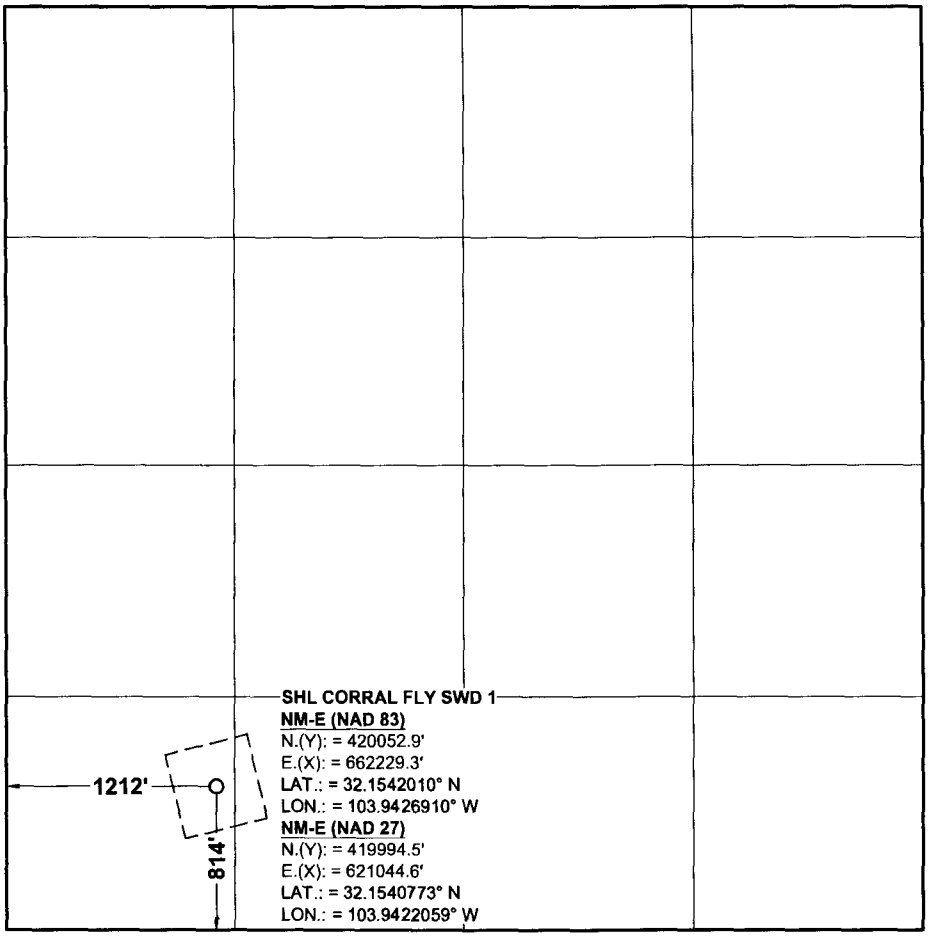
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	1	25S	29E		814'	S	1212'	W	EDDY

Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres	Joint or Infill	Consolidated Code	Order No.
5.00			

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



OPERATOR CERTIFICATION

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

Signature — Date: 11/09/17

Ben Stone
Print Name

ben@sosconsulting.us
E-mail Address

SURVEYORS CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

SEPTEMBER 29, 2017
Date of Survey

Signature and Seal of Professional Surveyor

JAMES E. TOMPKINS
NEW MEXICO
14729
REGISTERED PROFESSIONAL LAND SURVEYOR

Job No.: WTC52119
JAMES E. TOMPKINS 14729
Certificate Number

Solaris Water Midstream, LLC

Corral Fly SWD Well No.1
814' FSL & 1212' FWL
Section 1, Twp 25-S, Rng 29-E
Eddy County, New Mexico

Well Program - New Drill

Objective: Drill new well for commercial salt water disposal into the Devonian, Silurian and Fusselman (mudlogging and e-logging to determine final depths) per SWD-(pending).

1. **Geologic Information** - Devonian Formation

The Devonian, Silurian and Fusselman all consist of carbonates including light colored dolomite and chert intervals interspersed with some tight limestone intervals. Several thick sections of porous dolomite capable of taking water are present within the subject formations in the area. Depth control data was inferred from deep wells to the north, south and east. If the base of Devonian and top of Silurian and/or Ordovician rocks come in as expected the well will only be drilled deep enough for adequate logging rathole.

Estimated Formation Tops:

B/Salt	3065
Delaware Lime	3255
Cherry Canyon	4160
Bone Spring	7075
Wolfcamp	10265
Strawn	12635
Atoka	12835
Morrow	13310
Mississippian	15100
Woodford Shale	15325
Devonian	15470
TD Ordovician*	16700
Ellenburger	19200

*Please see narrative portion of drilling/pipe specs for TD options.

2. **Drilling Procedure**

a. MIRU drilling rig and associated equipment. Set up H_2S wind direction indicators; brief all personnel on Emergency Evacuation Routes.
b. All contractors conduct safety meeting prior to current task. All equipment inspected daily. Repair / replace as required.
c. Well spud operations commence.
d. Mud logger monitoring returns; cuttings & waste hauled to specified facility. (Sundance, Lea County)
e. After surface casing set/drilled; if H_2S levels >20ppm detected, implement H_2S Plan accordingly. (e.g., cease operations, shut in well, employ H_2S safety trailer & personnel safety devices, install flare line, etc. - refer to plan.)
f. Spills contained & cleaned up immediately. Repair or otherwise correct the situation within 48 hours before resuming operations. Notify OCD within 24 hours. Remediation started ASAP if

Well Program - New Drill (cont.)

required. Operator shall comply with 19.15.29 NMAC and 19.15.30 NMAC, as appropriate.

g. Sundry forms filed as needed - casing, cement, etc. - operations continue to completion.

3. **Casing program** - Casing designed as follows:

STRING	HOLE SZ	DEPTH	CSG SZ	COND	WT/GRD	CLLPS/BRS	TNSN
						(Minimum Safety Factors)	
Surface	26.5"	0-575'	20.0"	New	94.0 lb. J/K-55 ST&C	1.125/1.1	1.8
Intermediate	17.5"	0-4181'	13.375"	New	68.0 lb. HCL-80 BT&C	1.125/1.1	1.8
2nd Inter	12.25"	0-12,000'	9.875"	New	62.8 lb. Q-125 LT&C	1.125/1.1	1.8
Prod/ Liner*	8.5"	11,700'-15,500'	7.625"	New	39.0 lb. P-110 FJ	1.125/1.1	1.8
Openhole*	6.5" hole	15,500'-16,700'	OH	n/a	n/a	n/a	n/a

Notes:

- ✓ On both Intermediate casing strings, the cement will be designed to circulate to surface. Both strings will have cement bond logs run (radial, CET or equivalent) to surface.
- ✓ While running all casing strings, the pipe will be kept a minimum of 1/3 full at all times to avoid approaching the collapse pressure of casing.
- ✓ * Based on mudlogging and e-logs, 7.0" casing shoe is expected to be set at 15,500'. TD is expected to be 16,700' as determined by logging and suitable porosity has been exposed. Sundry notice will document such events and a C-105 completion report filed within 60 days.

4. **Cementing Program:**

Surface – LEAD Slurry: 700 sacks of Class C containing 4% gel + 2% CaCl2 + .4 pps defoamer + .125 pps cello flake + 3 pps Koal Seal. Weight 13.7 ppg, yield 1.68 ft3/sack; TAIL Slurry: 200 sacks of Class C Neet containing 2% CaCl2. Weight 14.8 ppg, yield 1.34 ft3/sack; 100% excess, circulate to surface.

1st Intermediate – LEAD Slurry: 1,100 sacks of Class C containing 4% gel + .4 pps defoamer + .125 pps cello flake + 5% NaCl. Weight 13.2 ppg, yield 1.83 ft3/sack; TAIL Slurry: 200 sacks of Class C Neet. Weight 14.8 ppg, yield 1.32 ft3/sack; 50% excess, circulate to surface.

2nd Intermediate – Stage 1 LEAD Slurry: 1,000 sacks of 50/50 POZ containing 10% gel + .4 pps defoamer + .125 pps cello flake + 1 pps Koal Seal + 5% NaCL. Weight 11.9 ppg, yield 2.473 ft3/sack; TAIL Slurry: 400 sacks of Class H containing 2% retarder + .2 pps defoamer. Weight 15.6 ppg, yield 1.18 ft3/sack; 25% excess. DV TOOL ~5800'; Stage 2 LEAD Slurry: 700 sacks of 50/50 POZ containing 10% gel + .4 pps defoamer + .125 pps cello flake + 1 pps Koal Seal + 5% NaCL. Weight 11.9 ppg, yield 2.473 ft3/sack; TAIL Slurry: 200 sacks of Class H containing 2% retarder + .2 pps defoamer. Weight 15.6 ppg, yield 1.18 ft3/sack; 35% excess. circulate to surface.

Prod Liner – Slurry: 450 sacks of 50/50 POZ Class H containing .3% retarder + .7% fluid loss additive + .2% dispersant + .4 pps defoamer +.1% Anti-Settling agent. Weight 15.2 ppg, yield 1.32 ft3/sack. 35% excess; TOC calculated @ Top of liner 11,700'.

Well Program - New Drill (cont.)

5. **Pressure Control** - BOP diagram is attached to this application. All BOP and related equipment shall comply with well control requirements as described NMOCD Rules and Regulations and API RP 53,

Section 17. Minimum working pressure of the BOP and related equipment required for the drilling shall be 5000 psi. The NMOCD Hobbs district office shall be notified a minimum of 4 hours in advance for a representative to witness BOP pressure tests. The test shall be performed by an independent service company utilizing a test plug (no cup or J-packer). The results of the test shall be recorded on a calibrated test chart submitted to the OCD district office. Test shall be conducted at:

a. Installation;
b. after equipment or configuration changes;
c. at 30 days from any previous test, and;
d. anytime operations warrant, such as well conditions

6. **Mud Program & Monitoring** - Mud will be balanced for all operations as follows:

DEPTH	MUD TYPE	WEIGHT	FV	PV	YP	FL	Ph
0-575'	FW Spud Mud	8.5-9.2	70-40	20	12	NC	10.0
575'-4181'	Brine Water	9.8-10.2	28-32	NC	NC	NC	10.0
4181'-12,000'	FW/Gel	8.7-9.0	28-32	NC	NC	NC	9.5-10.5
12,000'-15,500'	XCD Brine Mud	11.0-	45-48	20	10	<5	9.5-10.5
15,500'-16,700'	FW Mud	8.4-8.6	28-30	NC	NC	NC	9.5-10.5

Mud and all cuttings monitored w/ cuttings recovered for disposal. Returns shall be visually and electronically monitored. In the event of H2S, mud shall be adjusted appropriately by weight and H2S scavengers.

7. **Auxiliary Well Control and Monitoring** – Hydraulic remote BOP operation, mudlogging to monitor returns.

8. **H_2S Safety** - This well and related facilities are not expected to have H2S releases. However, there may be H2S in the area. There are no private residences or pubic facilities in the area but a contingency plan has been developed. Solaris Water Midstream, LLC will have a company representative available to personnel throughout all operations. If H2S levels greater than 10ppm are detected or suspected, the H2S Contingency Plan will be implemented at the appropriate level.

H2S Safety - There is a low risk of H2S in this area. The operator will comply with the provisions of NMAC 19.15.11 and BLM Onshore Oil and Gas Order #6.

a) Monitoring - all personnel will wear monitoring devices.
b) Warning Sign - a highly visible H2S warning sign will be placed for obvious viewing at the vehicular entrance point onto location.
c) Wind Detection - two (2) wind direction socks will be placed on location.
d) Communications - will be via cellular phones and/or radios located within reach of the driller, the rig floor and safety trailer when applicable.
e) Alarms - will be located at the rig floor, circulating pump / reverse unit area and the flareline and will be set for visual (red flashing light) at 15 ppm and visual and audible (115 decibel siren) at 20 ppm.

Well Program - New Drill (cont.)

f) Mud program - If H2S levels require, proper mud weight, safe drilling practices and H2S scavengers will minimize potential hazards.
g) Metallurgy - all tublars, pressure control equipment, flowlines, valves, manifolds and related equipment will be rated for H2S service if required.

The Solaris Water Midstream, LLC H2S Contingency Plan will be implemented if levels greater than 10ppm H2S are detected.

9. **Logging, Coring and Testing** – Solaris Water Midstream, LLC expects to run;

a. Mud logging through the interval will ensure the target interval remains Devonian and Silurian.
b. CBL (Radial, CET or equivalent) on both intermediate casing strings.
c. Standard porosity log suite from TD to approximately 14,000'.
d. No corings or drill tests will be conducted. (The well may potentially be step rate tested in the future if additional injection pressures are required.)

10. **Potential Hazards** - No abnormal pressures or temperatures are expected.

No loss of circulation is expected to occur with the exception of drilling into the target disposal zone. All personnel will be familiar with the safe operation of the equipment being used to drill this well.

The maximum anticipated bottom-hole pressure is 9500 psi and the maximum anticipated bottom-hole temperature is 210° F.

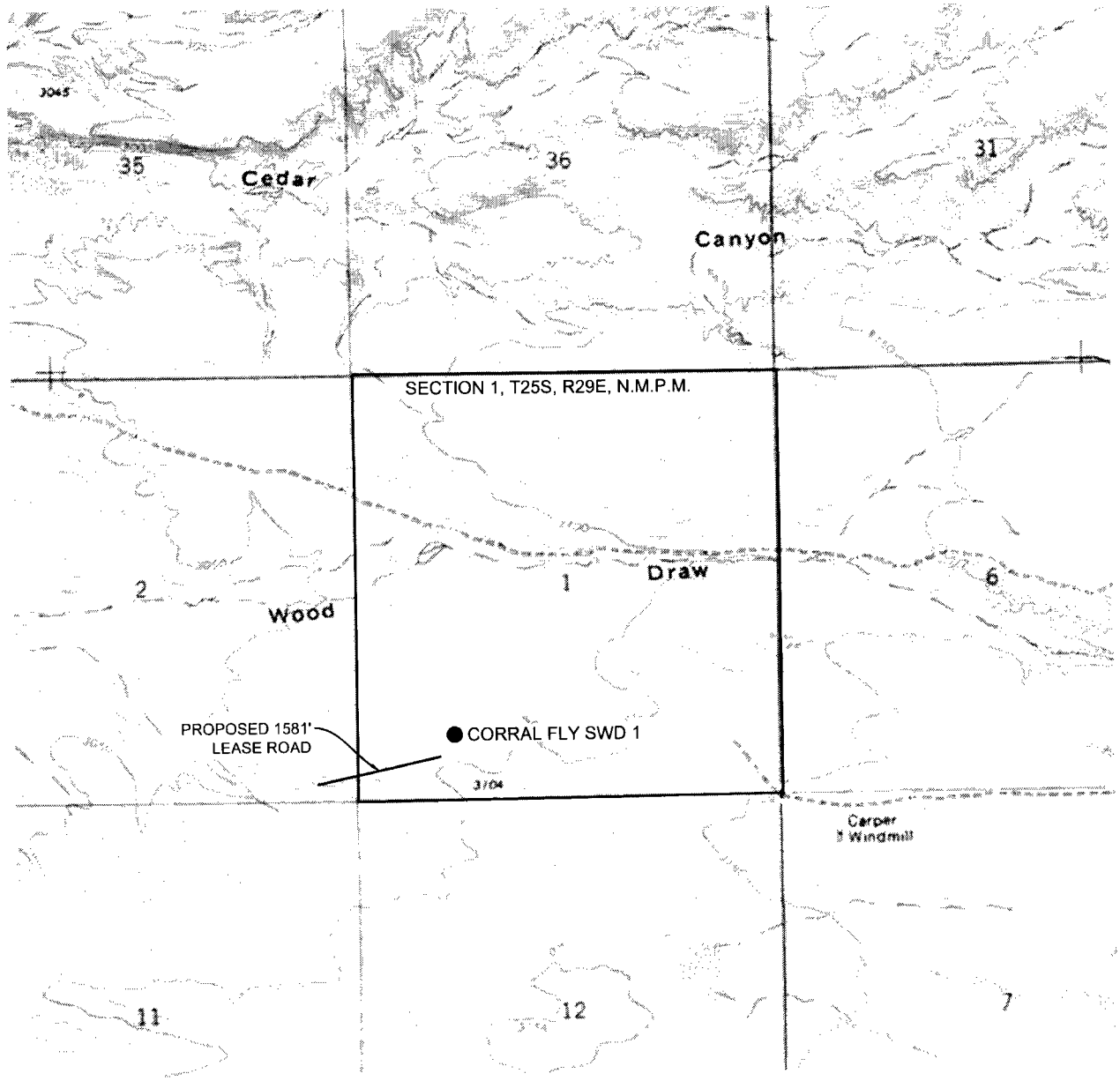
11. **Waste Management** - All drill cuttings and other wastes associated with and drilling operations will be transported to the Lea County Sundance facility (or alternate), permitted by the Environmental Bureau of the New Mexico Oil Conservation Division.

12. **Anticipated Start Date** - Upon approval of all permits for SWD, operations would begin within 30 days. Completion of the well operations will take six to seven weeks. Installation of the tank battery, berms, plumbing and other and associated equipment would be occurring during the same interval. In any event, it is not expected for the construction phase of the project to last more than 60 days, depending on availability of contractors and equipment. At the time of this submittal, and subject to the availability of the drilling contractor, the anticipated start date is:

December 15, 2017.

13. **Configure for Salt Water Disposal** – Subsequent to SWD permit approval from OCD and prior to commencing any work, an NOI sundry(ies) will be submitted to configure the well for SWD and will detail the completion workover including all work otherwise described above, any change to the procedure noted herein and to perform mechanical integrity pressure test per BLM and OCD test procedures. (Notify NMOCD 24 hours prior.) The casing/tubing annulus will be monitored for communication with injection fluid or loss of casing integrity. Anticipated daily maximum volume is 25,000 bpd and average of 15,000 bpd at a maximum surface injection pressure of 3100 psi (0.2 psi/ft to uppermost injection interval, i.e., casing shoe). If satisfactory disposals rates cannot be achieved at default pressure of .2 psi/ft, Solaris Water Midstream, LLC will conduct a step-rate test and apply for an injection pressure increase 50 psi below parting pressure.

LOCATION VERIFICATION MAP



0 1000 2000 4000

GRAPHIC SCALE 1" = 2000'

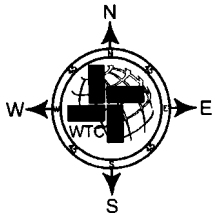
SECTION 1, T25S, R29E, N.M.P.M.

COUNTY: EDDY STATE: NM

DESCRIPTION: 814' FSL & 1212' FWL

OPERATOR: SOLARIS MIDSTREAM

WELL NAME: CORRAL FLY SWD 1



DRIVING DIRECTIONS:

BEGINNING AT THE INTERSECTION OF U.S. HWY 285 AND LONGHORN ROAD IN EDDY COUNTY, NEW MEXICO; HEAD EAST/NORTHEAST ON LONGHORN ROAD ±4.3 M ILES TO A LEASE ROAD ON THE LEFT. TURN LEFT AND HEAD NORTH/NORTHEAST ±1.8 MILES TO A FORK IN THE ROAD. TURN LEFT AT FORK AND CONTINUE HEADING NORTH/NORTHEAST ±2.2 MILES TO A FORK IN THE ROAD. TURN LEFT AT FORK AND CONTINUE HEADING NORTH/NORTHEAST ±4.2 MILES TO AN EXISTING PAD SITE WITH A STAKED PROPOSED LEASE ROAD AT THE SOUTHEAST PAD CORNER THE FLAGGED LOCATION IS ±1581 FEET NORTHEAST FROM THE EXISTING PAD SITE.

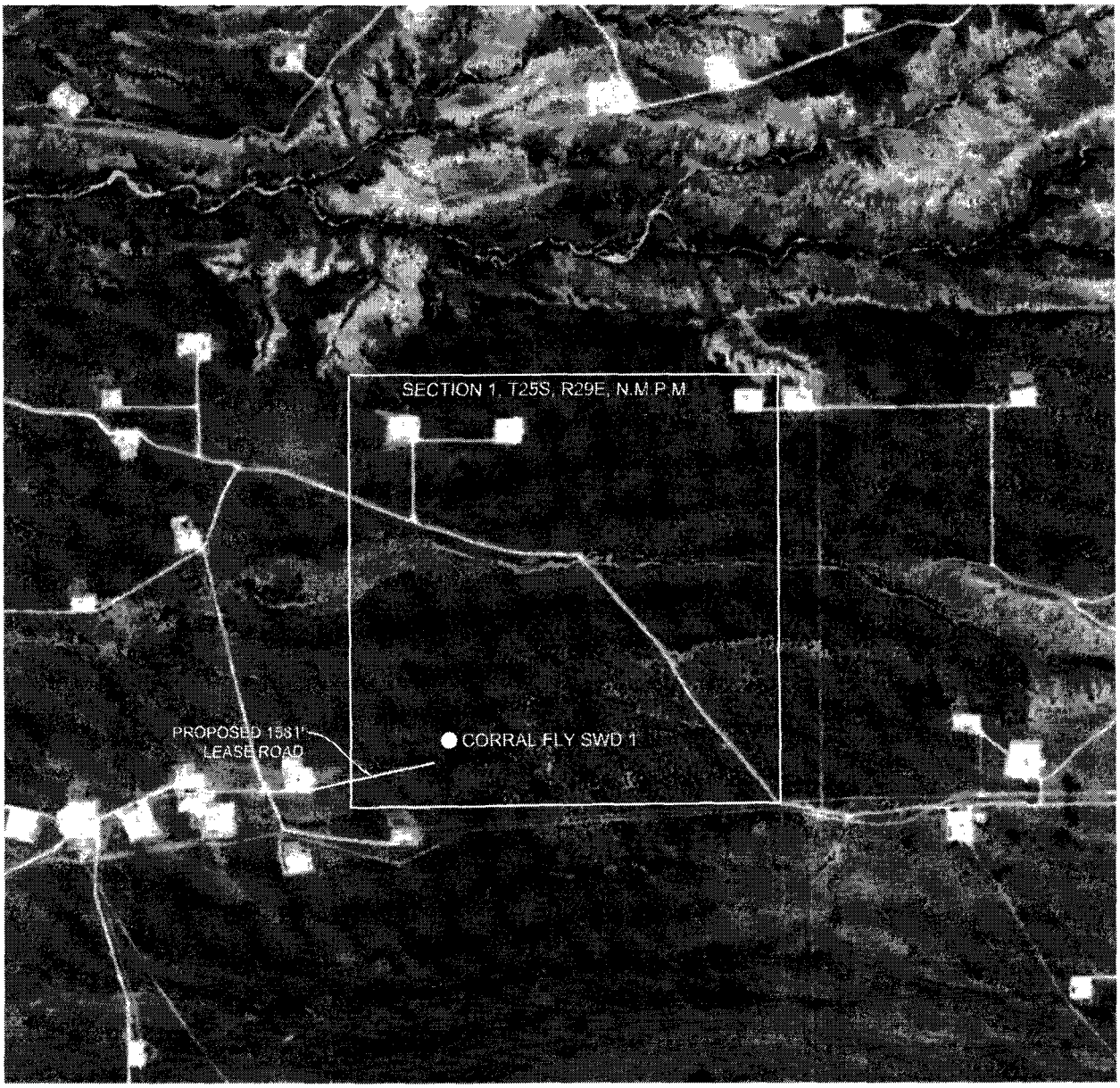
WTC

W T C, INC.
405 S.W. 1st Street
Andrews, TX 79714
(432) 523-2181

SOLARIS MIDSTREAM

JOB No.: WTC52119

AERIAL MAP



0 1000 2000 4000

GRAPHIC SCALE 1" = 2000'

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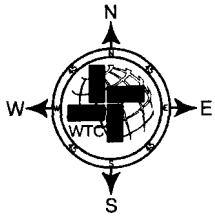
COUNTY: EDDY STATE: NM

DESCRIPTION: 814' FSL & 1212' FWL

OPERATOR: SOLARIS MIDSTREAM

WELL NAME: CORRAL FLY SWD 1



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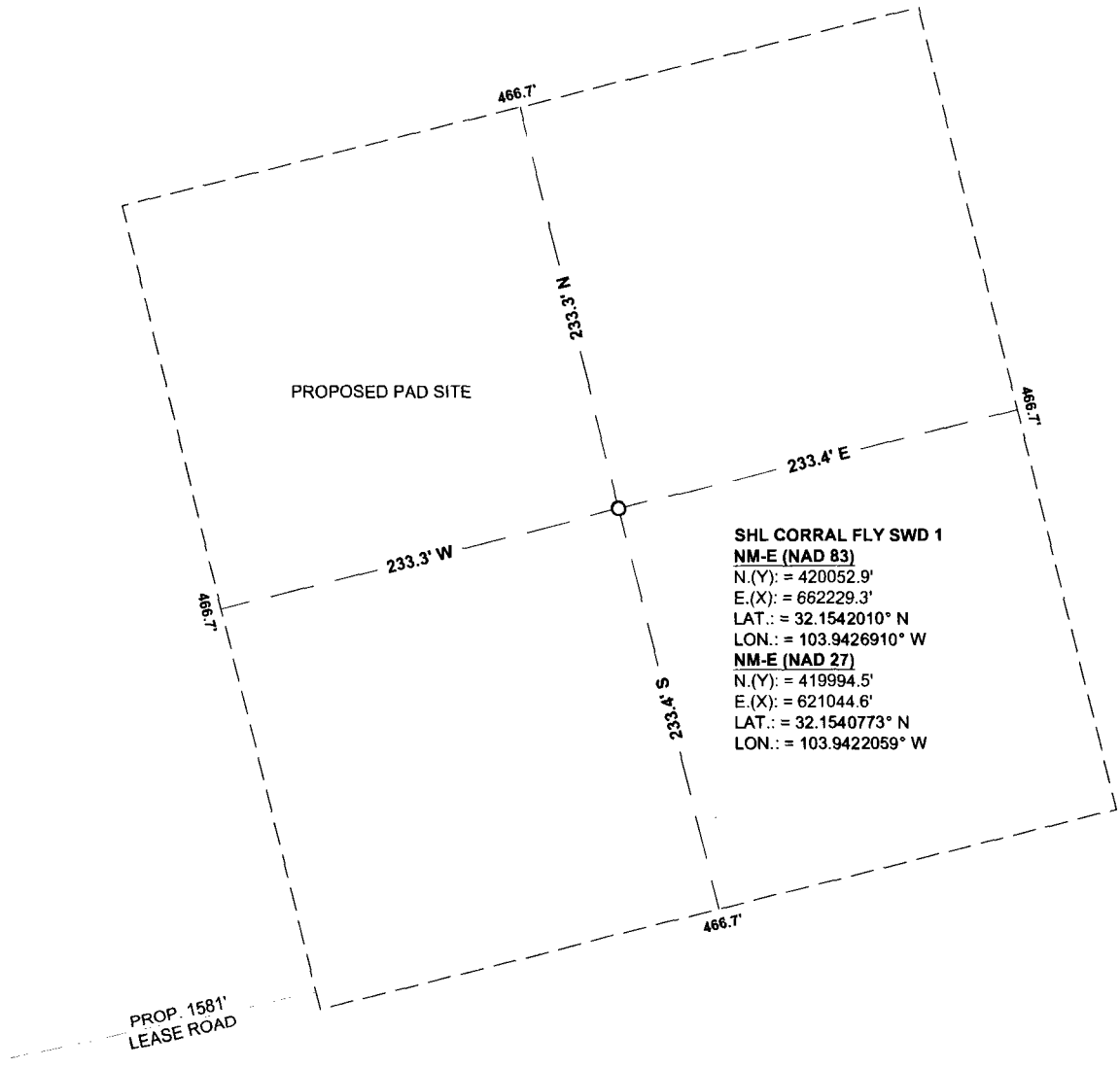
W T C, INC.
405 S.W. 1st Street
Andrews, TX 79714
(432) 523-2181

SOLARIS MIDSTREAM

JOB No.: WTC52119

SITE LOCATION



SHL CORRAL FLY SWD 1
NM-E (NAD 83)
N.(Y): = 420052.9'
E.(X): = 662229.3'
LAT.: = 32.1542010° N
LON.: = 103.9426910° W
NM-E (NAD 27)
N.(Y): = 419994.5'
E.(X): = 621044.6'
LAT.: = 32.1540773° N
LON.: = 103.9422059° W

100 0 100 200 FEET

SCALE: 1" = 100'

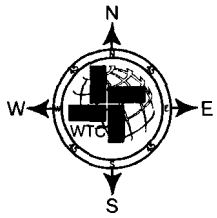
SECTION 1, T25S, R29E, N.M.P.M.

COUNTY: EDDY STATE: NM

DESCRIPTION: 814' FSL & 1212' FWL

OPERATOR: SOLARIS MIDSTREAM

WELL NAME: CORRAL FLY SWD 1



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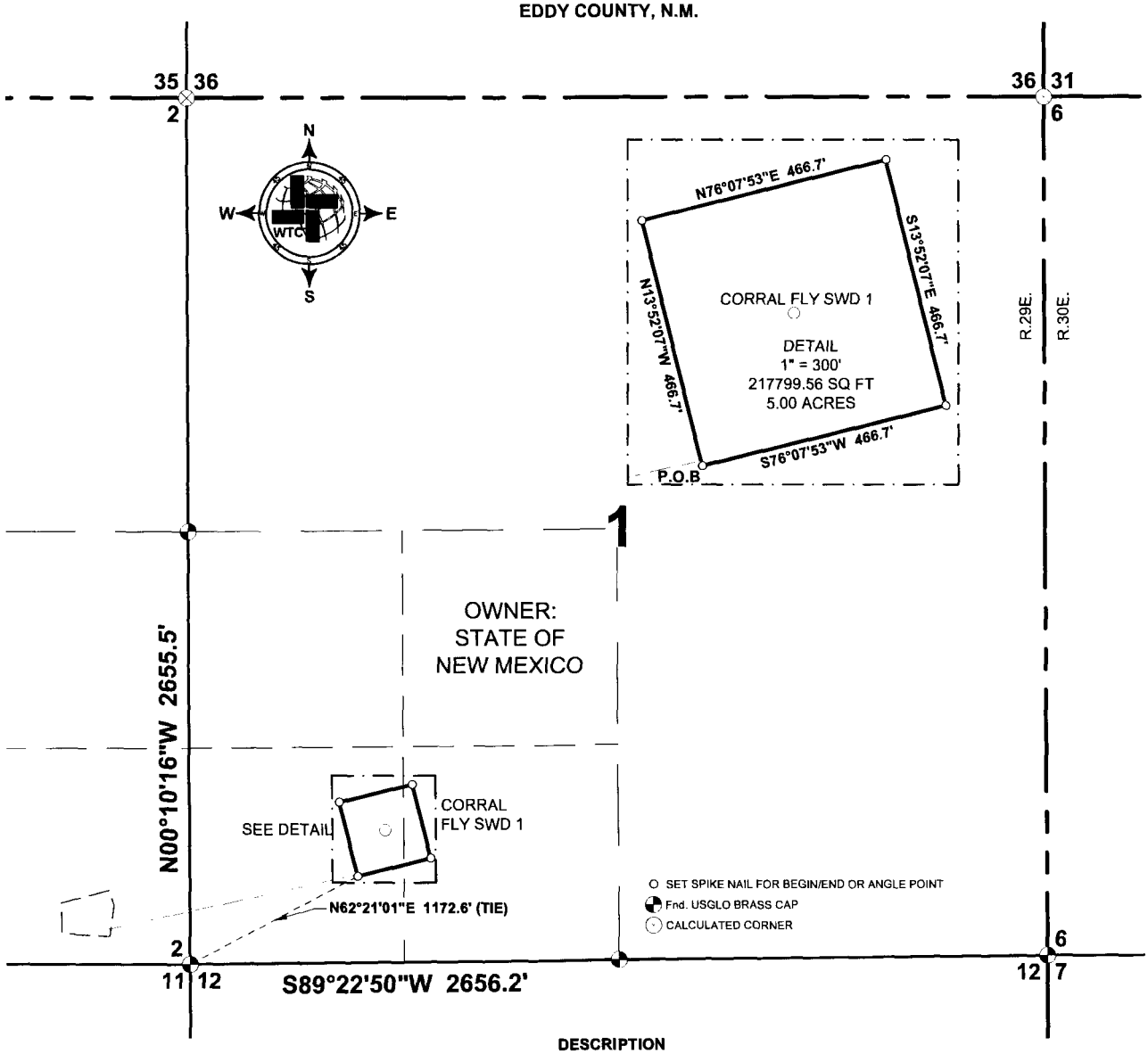
W T C, INC.
405 S.W. 1st Street
Andrews, TX 79714
(432) 523-2181

SOLARIS MIDSTREAM

JOB No.: WTC52119

SECTION 1, TOWNSHIP 25 SOUTH, RANGE 29 EAST,
EDDY COUNTY, N.M.



DESCRIPTION

DESCRIPTION OF A 5.00 ACRE TRACT OF LAND SITUATED IN SECTION 1, TOWNSHIP 25 SOUTH, RANGE 29 EAST, N.M.P.M., LEA COUNTY, NEW MEXICO AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS;

BEGINNING AT N.(Y) 419770.5' - E.(X) 662058.7', A ONE-HALF INCH IRON ROD WITH RED PLASTIC CAP MARKED "TX 1985 NM14729" (RPC), SET FOR THE SOUTHWEST CORNER HEREOF, WHICH LIES N.62°21'01"W., 1172.6 FEET FROM A USGLO BRASS CAP MARKED "1-2-11-12", FOUND AND ACCEPTED AS THE SOUTHWEST CORNER OF SAID SECTION 1;

THENCE N.13°52'07"W., 466.7 FEET TO A RPC, SET FOR THE NORTHWEST CORNER HEREOF;

THENCE N.76°07'53"E., 466.7 FEET TO A RPC, SET FOR THE NORTHEAST CORNER HEREOF;

THENCE S.13°52'07"E., 466.7 FEET TO A RPC, SET FOR THE SOUTHEAST CORNER HEREOF;

THENCE S.76°07'53"W., 466.7 FEET TO THE POINT OF BEGINNING AND CONTAINING 5.00 ACRES OF LAND.

NOTES:

BASIS OF BEARING, COORDINATES, AND DISTANCES ARE A TRANSVERSE MERCATOR PROJECTION OF THE NEW MEXICO STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD 83, BASED ON CONTROL POINT **GOLDEN** AT N.=408560.722' - E.=650435.074', WITH A CONVERGENCE ANGLE OF 00°11'14.61" AND A COMBINED SCALE FACTOR OF 0.999781438

1000 0 1000 2000 FEET

SCALE: 1" = 1000'

JAMES E. TOMPKINS NEW MEXICO 14729 REGISTERED PROFESSIONAL LAND SURVEYOR

I, JAMES E. TOMPKINS, NEW MEXICO PROFESSIONAL SURVEYOR NO. 14729, DO HEREBY CERTIFY THAT THIS 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.

James E. Tompkins 09/29/2017

JAMES E. TOMPKINS, N.M. P.L.S. No.14729

SOLARIS MIDSTREAM

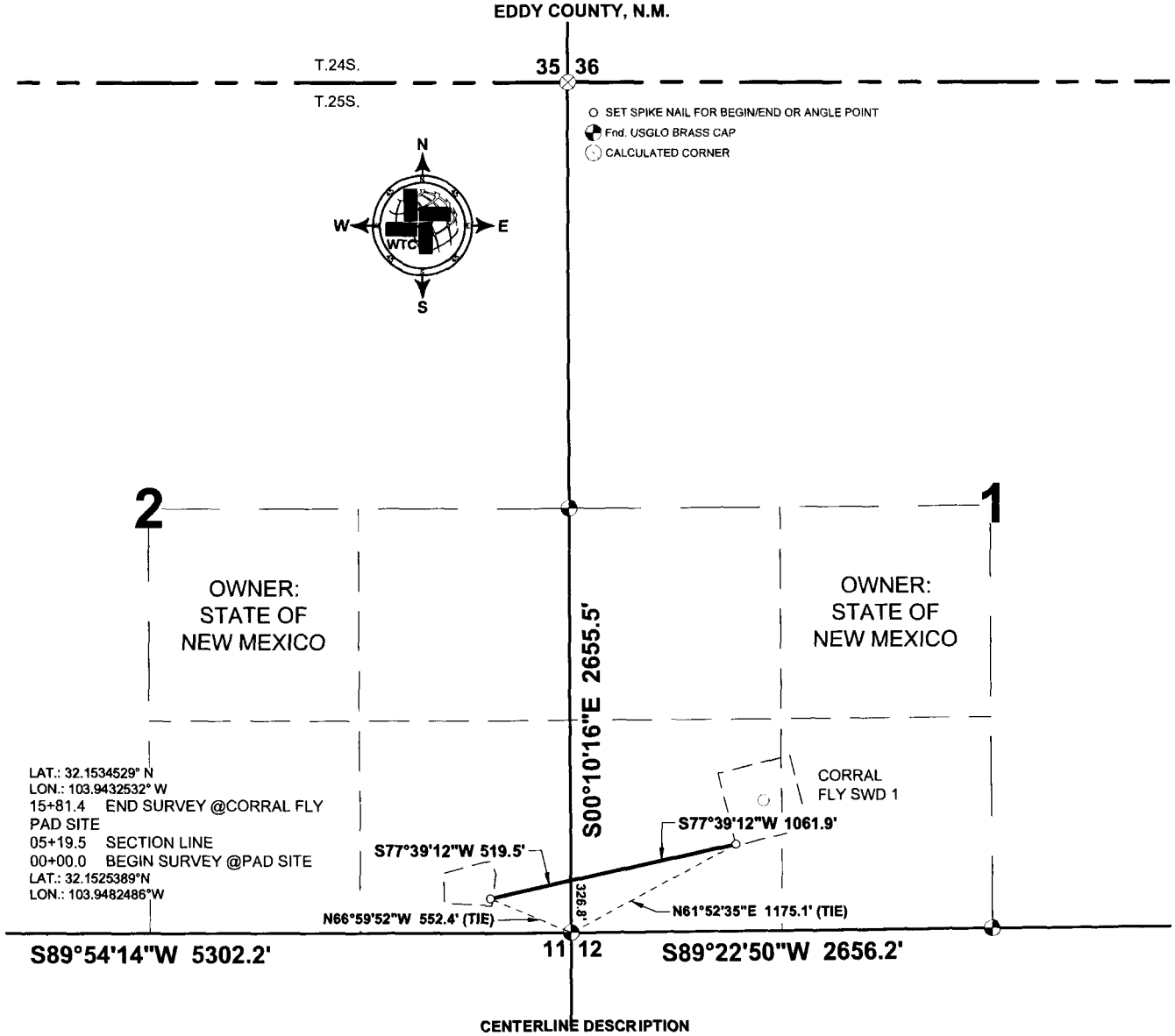
A PROPOSED
5.00 ACRE TRACT
SITUATED IN SECTION 1,
T-25-S, R-29-E, N.M.P.M.,
EDDY COUNTY, NEW MEXICO

WTC

W T C, INC.
405 S.W. 1st Street
Andrews, TX 79714

PROJECTS\OIL & GAS SURVEYS\SOLARIS MIDSTREAM\52119-SOLARIS MIDSTREAM STAKE & PLAT 10AC. PAD SITE FOR DEVONIAN SWD. SEC. 11 T25S R29E EDDY CO. NM\DRAWINGS\52119-CORRAL FLY SWD 1-M-Y LAYOUT TAB: NM

SECTIONS 2 & 1, TOWNSHIP 25 SOUTH, RANGE 29 EAST,
EDDY COUNTY, N.M.



CENTERLINE DESCRIPTION

A STRIP OF LAND 30 FEET IN WIDTH AND 1581.4 FEET OR 95.84 RODS IN LENGTH, AND CONTAINING 1.09 ACRES SITUATED IN SECTIONS 2 & 1, TOWNSHIP 25 SOUTH, RANGE 29 EAST, N.M.P.M., EDDY COUNTY, NEW MEXICO, AND BEING 15 FEET LEFT AND 15 FEET RIGHT OF THE SURVEY OF CENTERLINE AS SHOWN HEREON AND BEING DIVIDED INTO FORTIES AS FOLLOWS;
SECTION 2: SE4/SE4= 519.5 FEET, 31.48 RODS, 0.36 ACRES
SECTION 1: SW4/SW4=1061.9 FEET, 64.36 RODS, 0.73 ACRES

NOTES:

BASIS OF BEARING, COORDINATES, AND DISTANCES ARE A TRANSVERSE MERCATOR PROJECTION OF THE NEW MEXICO STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD 83, BASED ON CONTROL *POINT* **GOLDEN AT N.=408560.722' - E.=650435.074', WITH A CONVERGENCE ANGLE OF 00°11'14.61" AND A** COMBINED SCALE FACTOR OF 0.999781438

1000 0 1000 2000 FEET

SCALE: 1" = 1000'

JAMES E. TOMPKINS NEW MEXICO 14729 REGISTERED PROFESSIONAL LAND SURVEYOR

I, JAMES E. TOMPKINS, NEW MEXICO PROFESSIONAL SURVEYOR NO. 14729, DO HEREBY CERTIFY THAT THIS 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.

James E. Tompkins 09/29/2017

JAMES E. TOMPKINS, N.M. P.L.S. **No.14729**

SOLARIS MIDSTREAM

A PROPOSED
LEASE ROAD
CROSSING SECTIONS 2 & 1,
T-25-S, R-29-E, N.M.P.M.,
EDDY COUNTY, NEW MEXICO

WTC

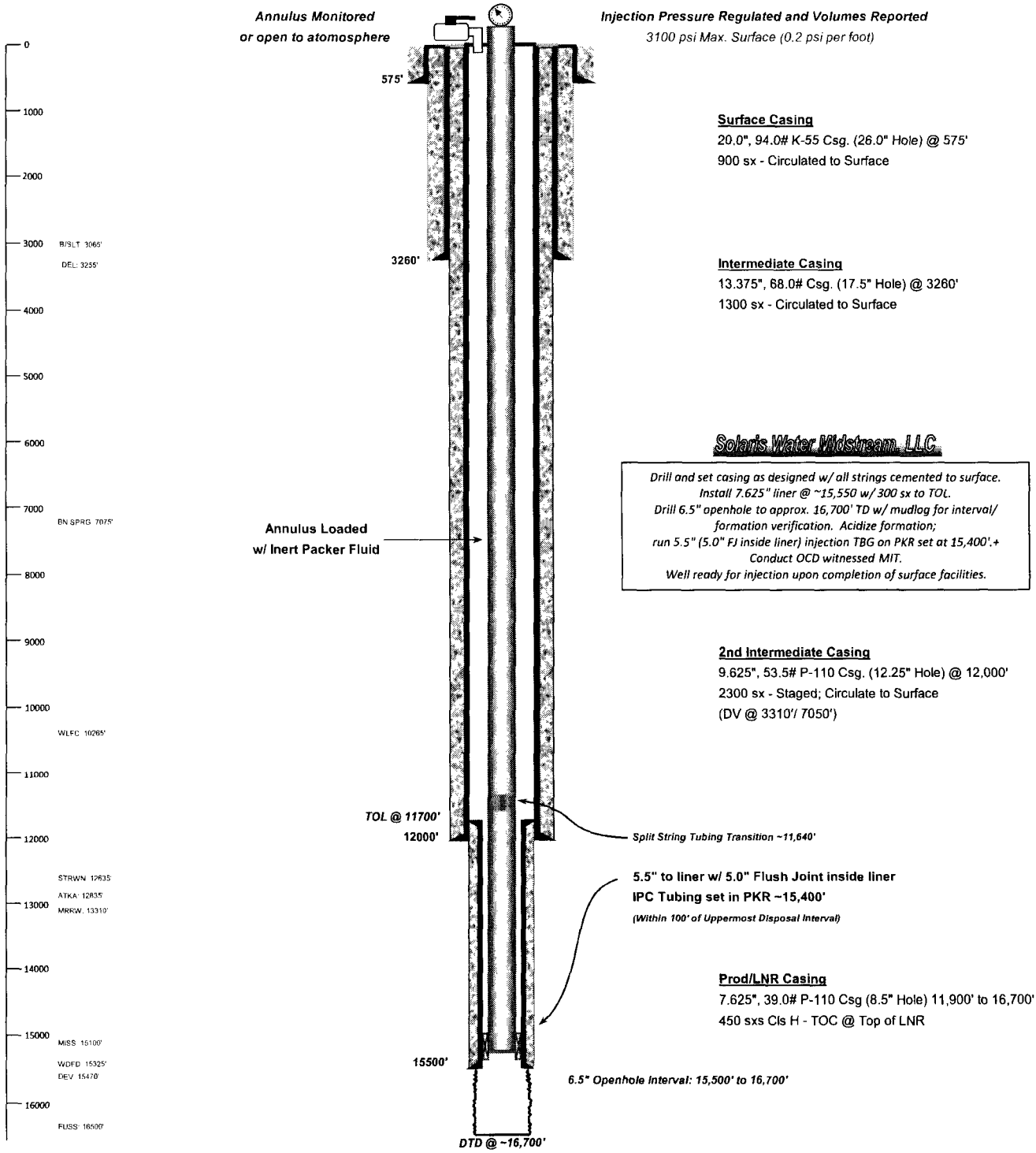
W T C, INC.
405 S.W. 1st Street
Andrews, TX 79714

PROJECTS\OIL & GAS SURVEYS\SOLARIS MIDSTREAM\52119-SOLARIS MIDSTREAM STAKE & PLAT 10AC. PAD SITE FOR DEVONIAN SWD, SEC. 11,T25S,R29E,EDDY CO, NM\DRAWINGS\52119-CORRAL FLY SWD 1-M.Y. LAYOUT.TAB NM

WELL SCHEMATIC - PROPOSED
Corral Fly SWD Well No.1

API 30-015-xxxxx
814' FSL & 1212' FWL, SEC. 1-T25S-R29E
EDDY COUNTY, NEW MEXICO

SWD; Devonian-Silurian (97869)
Spud Date: 12/15/2017
SWD Config Dt: 1/15/2018



Surface Casing
20.0", 94.0# K-55 Csg. (26.0" Hole) @ 575'
900 sx - Circulated to Surface

Intermediate Casing
13.375", 68.0# Csg. (17.5" Hole) @ 3260'
1300 sx - Circulated to Surface

Solaris Water Midstream, LLC

Drill and set casing as designed w/ all strings cemented to surface.
Install 7.625" liner @ ~15,550 w/ 300 sx to TOL.
Drill 6.5" openhole to approx. 16,700' TD w/ mudlog for interval/ formation verification. Acidize formation;
run 5.5" (5.0" FJ inside liner) injection TBG on PKR set at 15,400'.+
Conduct OCD witnessed MIT.
Well ready for injection upon completion of surface facilities.

2nd Intermediate Casing
9.625", 53.5# P-110 Csg. (12.25" Hole) @ 12,000'
2300 sx - Staged; Circulate to Surface
(DV @ 3310'/ 7050')

Prod/LNR Casing
7.625", 39.0# P-110 Csg (8.5" Hole) 11,900' to 16,700'
450 sxs Cls H - TOC @ Top of LNR

Drawn by: Ben Stone, 10/13/2017

Corral Fly SWD No.1 - Area of Review / 2 Miles

(Attachment to NMOCD Form C-108 - Item V)