

MORROW COUNTY
RECORD OF SURVEY

A TRACT OF LAND LOCATED IN THE NORTHWEST QUARTER OF SECTION 17,
 TOWNSHIP 2 NORTH, RANGE 23 EAST, WILLAMETTE MERIDIAN, MORROW COUNTY,
 OREGON

TAX LOT 1401
 WILLOW FARMS, LLC.
 WARRANTY DEED NO. M-2004-10218

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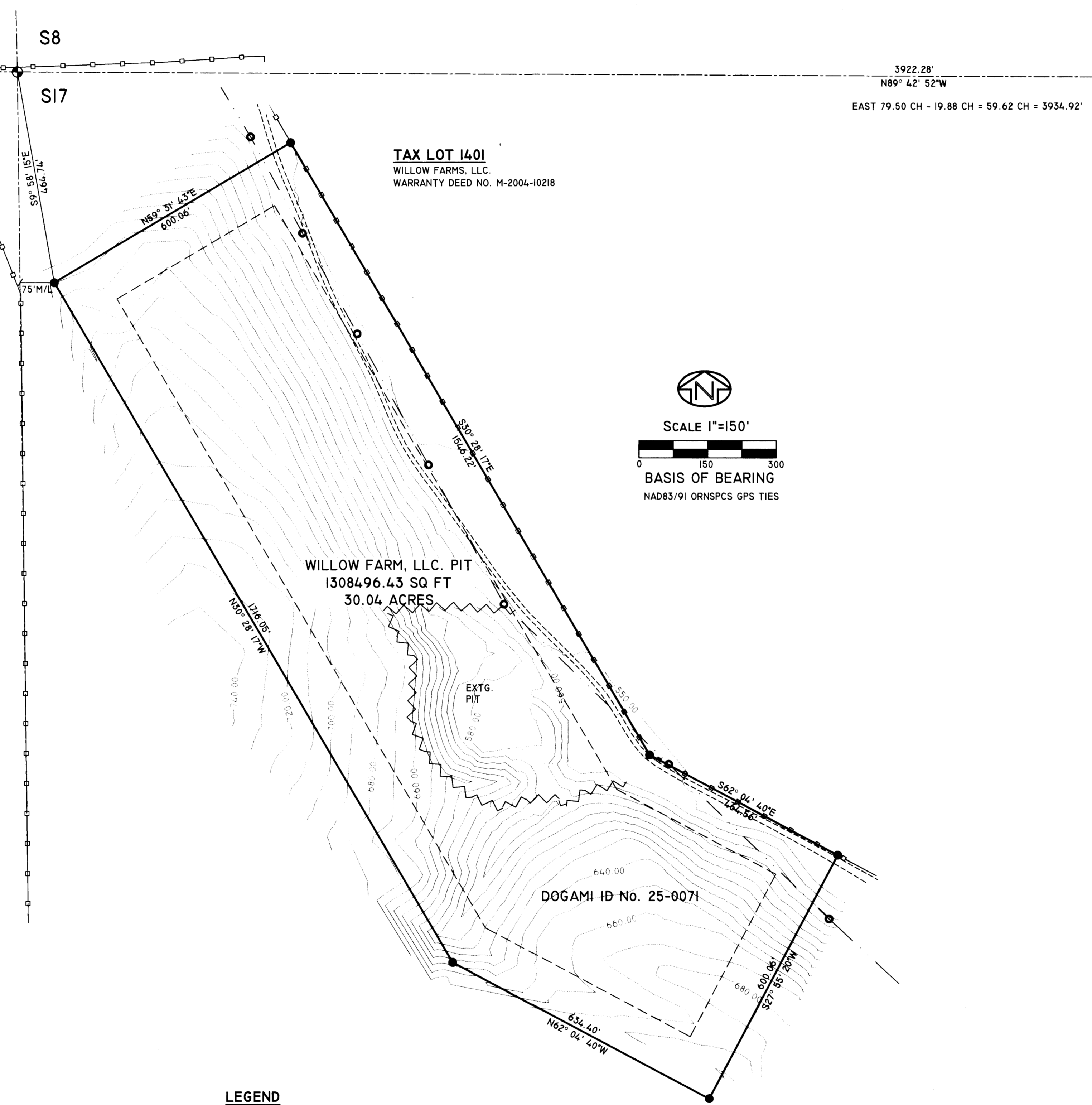
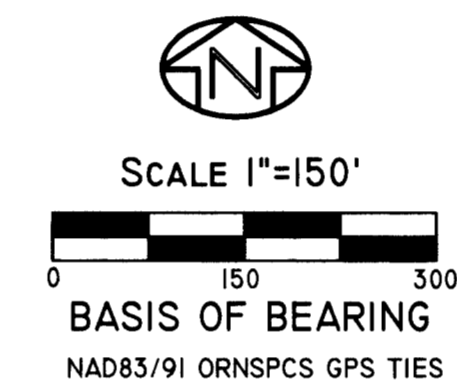
TAX LOT 2101
 WILLOW FARMS, LLC.
 WARRANTY DEED NO. M-2004-10218

NAME: WILLOW FARM, LLC. PIT
 NORTH: 727321.2144' EAST: 8335960.3343'
 SEGMENT #1 : LINE
 COURSE: N59° 31' 43"E LENGTH: 600.058'
 NORTH: 727625.5086' EAST: 8336477.5138'
 SEGMENT #2 : LINE
 COURSE: S30° 28' 17"E LENGTH: 154.6217'
 NORTH: 726292.8513' EAST: 8337261.6128'
 SEGMENT #3 : LINE
 COURSE: S62° 04' 40"E LENGTH: 464.562'
 NORTH: 726075.3096' EAST: 8337672.0924'
 SEGMENT #4 : LINE
 COURSE: S27° 55' 20"W LENGTH: 600.058'
 NORTH: 725545.1079' EAST: 8337391.1017'
 SEGMENT #5 : LINE
 COURSE: N62° 04' 40"W LENGTH: 634.398'
 NORTH: 725842.1791' EAST: 8336830.5578'
 SEGMENT #6 : LINE
 COURSE: N30° 28' 17"W LENGTH: 1716.054'
 NORTH: 727321.2160' EAST: 8335960.3330'
 PERIMETER: 5561.348' AREA: 1308496.43 SQ. FT.
 ERROR CLOSURE: 0.0021 COURSE: N38° 42' 58"W
 ERROR NORTH: 0.00162 EAST: -0.00129
 PRECISION 1: 2648260.476

REFERENCE DOCUMENTS: MORROW COUNTY RECORDS
 TRANSMISSION LINE EASEMENT TO COLUMBIA BASIN ELECTRIC COOP. DOC. NO. 1986-27409, JULY 28, 1986.
 BARGAIN SALE AND DEED, DOC. NO. 1993-39752, JANUARY 6, 1993, CHENEY TO CHENEY.
 QUIT CLAIM DEED, DOC. NO. 1995-46275, OCTOBER 17, 1995, UPRR TO RAMAGE, GINELLA TRUST.
 EASMENT DEED, DOC. NO. 1995-46276, SEPTEMBER 7, 1995, GINELLA TRUST TO UPRR.
 WARRANTY DEED, DOC. NO. 1996-47516, MARCH 12, 1996, GINELLA TRUST TO DIAMOND PROPERTIES INVESTMENT CO.
 BARGAIN AND SALE DEED, DOC. NO. 1997-50311, FEBRUARY 3, 1997, DIAMOND PROPERTIES INVESTMENT CO., LLC. TO CRICKET FLAT DEVELOPMENT, LLC.
 MEMORANDUM OF OPTION TO LEASE, DOC. NO. 2001-00951, MARCH 30, 2001, CRICKET FLAT DEVELOPMENT CO., LLC., TO ENRON WIND DEVELOPMENT CORP.
 WARRANTY DEED, DOC. NO. 2004-10218, JANUARY 28, 2004, DIAMOND PROPERTIES INVESTMENT CO., LLC. AND CRICKET FLAT DEVELOPMENT CO., LLC. TO WILLOW FARMS, LLC.
 MEMORANDUM OF LEASE, DOC. NO. 2008-21717, MARCH 10, 2008, WILLOW FARMS, LLC., TO WILLOW CREEK ENERGY, LLC.

WARRANTY DEED NO. 2004-10218 LEGAL DESCRIPTION, AS NOTED:
 TOWNSHIP 2 NORTH, RANGE 23, EAST OF THE WILLAMETTE MERIDIAN, IN THE COUNTY OF MORROW, AND THE STATE OF OREGON.
SECTION 6: GOVERNMENT LOT 7, ALSO KNOWN AS THE SOUTHWEST QUARTER OF THE SOUTHWEST QUARTER.
SECTION 7: ALL, EXCEPTING THEREFROM THE FOLLOWING DESCRIBED PARCEL: BEGINNING AT THE NORTHEAST QUARTER OF SECTION 7, TWP 2 NORTH, RANGE 23, EAST OF THE WILLAMETTE MERIDIAN, WHICH POINT IS ALSO THE NORTHEAST CORNER OF SAID PROPERTY; THENCE SOUTH 0°18' EAST ALONG THE EAST BOUNDARY OF SAID PROPERTY A DISTANCE OF 300.00 FEET; THENCE NORTH 80°29' WEST A DISTANCE OF 312.00 FEET, TO A POINT ON THE EASTERLY RIGHT-OF-WAY LINE OF THE OREGON-WASHINGTON HIGHWAY; THENCE NORTH 24°54' WEST ALONG SAID RIGHT-OF-WAY LINE A DISTANCE OF 300.00 FEET TO THE NORTH LINE OF SAID PROPERTY; THENCE SOUTH 86°47' EAST ALONG THE NORTH LINE OF SAID PROPERTY A DISTANCE OF 432.9 FEET TO THE POINT OF BEGINNING.
SECTION 8: THE SOUTH HALF OF THE NORTHWEST QUARTER; THE SOUTHWEST QUARTER; THE WEST HALF OF THE SOUTHEAST QUARTER.
SECTION 16: ALL THAT PORTION OF THE SOUTHWEST QUARTER OF THE NORTHWEST QUARTER WHICH LIES WESTERLY OF STATE HIGHWAY NO. 74 AS IT IS NOW SITUATED.
SECTION 17: THE NORTHWEST QUARTER; THE NORTHEAST QUARTER.
SECTION 18: THE EAST HALF OF GOVERNMENT LOTS 1 AND 2, ALSO KNOWN AS THE EAST HALF OF THE NORTHWEST QUARTER OF THE NORTHWEST QUARTER AND THE EAST HALF OF THE SOUTHWEST QUARTER OF THE NORTHWEST QUARTER; THE NORTHEAST QUARTER OF THE NORTHWEST QUARTER; THE SOUTHEAST QUARTER OF THE NORTHWEST QUARTER; THE EAST HALF OF THE SOUTHEAST QUARTER.
 EXCEPTING FROM THE ABOVE LEGAL DESCRIPTION, ALL STATE HIGHWAY RIGHTS OF WAY.

- LEGEND**
- CALCULATED PROPERTY/SECTION CORNERS BASED ON ANCIENT FENCE PROJECTIONS.
 - SET 5/8" X 30" IRON REBAR WITH RED PLASTIC CAP MARKED *ORPLS43A06LS/WAPLS44338" AT LIMITS OF PIT DEVELOPMENT AREA AS PER OGAMI REQUIREMENTS.
 - EXISTING POWERLINE AND POLE STRUCTURES
 - EXISTING STRUCTURE AS NOTED.
 - LEASE BOUNDARY -- DOGAMI PERMIT BOUNDARY
 - PROPERTY LINE/SECTION LINE
 - 100 FT. MINING SETBACK
 - ROAD
 - EXISTING EXCAVATION LIMITS



SURVEYOR'S NARRATIVE:
 THIS SURVEY WAS PERFORMED AT THE REQUEST OF MARK ZOLLER, MANAGER, OF WILLOW FARMS, LLC. TO LOCATE AND MONUMENT THE OPERATING PERMIT BOUNDARY (DOGAMI ID NO. 25-0071), AS PER DOGAMI - MINERAL LAND RECLAMATION & REGULATION REQUIREMENTS. THE NEAREST PAVED ROAD IS APPROX. 1/2 MILE EAST OF THE SITE AS SHOWN ON THIS SURVEY MAP. THERE IS A FARM/PIT ACCESS ROAD THAT RUNS THROUGH THE SITE, AS DOES AN OVERHEAD POWERLINE AND POLE STRUCTURES. THIS PIT AREA LIES WITHIN THE NORTHWEST 1/4 OF SECTION 17, TOWNSHIP 2 NORTH, RANGE 23, EAST OF THE WILLAMETTE MERIDIAN, MORROW COUNTY, OREGON.
 RECORD RESEARCH REVEALED THAT LITTLE SURVEY WORK HAS BEEN DONE IN THIS AREA AND THERE WERE NO AVAILABLE RECORDS OF ANY SURVEY DONE ON THIS PARTICULAR PARCEL OR IN THIS SECTION. THERE ARE SEVERAL ANCIENT FENCES THAT FIT TO THE USGS QUAD, AND THE ASSESSOR'S MAPS FOR THIS AREA, AND FIT FAIRLY WELL TO THE GLO CALLS FOR DISTANCES. I DID TRACK FENCES BACK FROM THE WEST, ALONG THE NORTH LINE OF THIS PARCEL FROM WHAT WOULD APPEAR TO BE THE NORTHWEST CORNER OF SECTION 15, TOWNSHIP 2 NORTH, RANGE 22 EAST, WHICH LIES JUST SOUTHEAST OF THE TRIANGULATION STATION AT HORN BUTTE. THE FENCE RUNS EAST BACK PAST THE NORTHEAST CORNER OF SAID SECTION 15 AND ON TO THE EAST. THERE IS A GAP WHERE THIS FENCE HAS BEEN REMOVED FOR PIVOT IRRIGATION SYSTEMS BUT PICKS BACK UP ROUGHLY 1200' WEST OF THE NORTHWEST CORNER OF SECTION 17. THIS FENCE WANDERS A BIT AS IT BREAKS DOWN OVER THE HILL TO THE EAST AND THERE IS A GAP ACROSS THE VALLEY FLOOR WHERE THERE IS AN ACTIVE FARM FIELD AND PIVOT, BUT THE FENCE STARTS AGAIN ON THE EAST SIDE OF THE HIGHWAY, AT THE EAST SIDE OF THE VALLEY FLOOR, AND RUNS APPROXIMATELY 600' TO A FENCE INTERSECTION THAT WOULD APPEAR TO BE THE EAST 1/16TH CORNER, AND ON PAST A MONUMENT SET BY ROGERS SURVEYING AT THE NORTHEAST CORNER OF SECTION 17. COMPARATIVE DISTANCES CHECK WELL TO OUR PROJECTED POSITION. THERE IS A NORTH-SOUTH FENCE THAT RUNS ALONG WHAT WOULD APPEAR TO BE THE WEST LINE OF SECTION 17, THAT MEANDERS WESTERLY AS IT CROSSES THE DRAINAGE JUST BEFORE IT GETS TO WHERE THE PROJECTION WOULD PUT THE SECTION CORNER. I BELIEVE THAT THE PROJECTION OF SAID FENCES TO BE A RELIABLE SOURCE OF BEST EVIDENCE OF THE ORIGINAL CORNER POSITION. I AM AT A BIT OF A LOSS AS TO WHY THESE CORNERS WERE NOT RE-ESTABLISHED AS PART OF THE WIND POWER PROJECT THAT HAS BEEN DONE IN THE ADJOINING SECTIONS TO THE WEST. THERE ARE MANY ANCIENT FENCES IN THIS AREA THAT APPEAR TO BE ALONG SECTIONAL LINES AND MAY PROVIDE THE ONLY REMAINING EVIDENCE OF THE ORIGINAL CORNER LOCATIONS. I DID NOT FIND ANY MONUMENTS AT THESE FENCE CORNERS, ONLY WOODEN LATH.
 NAD 83/91 OREGON NORTH STATE PLANE COORDINATES ARE BASED ON THE ABOVE MENTIONED COORDINATES OF RECORD FOR HORN BUTTE, AND GPS TIES TO SUCH.
 THE BASIS OF BEARING FOR THIS SURVEY WAS DERIVED FROM RTK GPS OBSERVATIONS AND LEFT AT GRID. THETA = 0°23'07.78484" CLOCKWISE, AND A COMBINED SCALE FACTOR= 0.999902849. USACE CORPSCON 6.0.1 WAS USED TO CALCULATE THIS DATA.
 THIS SURVEY WAS PERFORMED USING A SOKKIA GSR 2700IS RTK GPS SYSTEM. STANDARD ERROR FOR THE RTK SYSTEM IS 10.0MM + 1 PPM X BASELINE MEASURED, IN MILLIMETERS.
 I FIND NOTHING OUT OF THE ORDINARY ON THIS SURVEY.

RECEIVED BY
 Morrow County Surveyors
 Date APR 16 12 2011
 Rec'd By SRB
 No. 1602-D

REGISTERED PROFESSIONAL LAND SURVEYOR
 OREGON
 JANUARY 11, 2005
 ROBERT DOUGLAS ENGLISH
 43406LS
 RENEWAL DATE: 12/31/11

DOGAMI ID No. 25-0071

DATE: 2/24/11	DWN. BY: JAE/RDE	MINING PERMIT TOPO/BOUNDARY/ROS FOR: WILLOW FARMS, LLC. P.O. Box 288 WASHOUGAL, WA 98671
SCALE: 1"=150'	CHK. BY: RDE	
JOB NO. 2011-006	REV. DATE: 0/00/11	SURVEY ONE, LLC P.O. BOX 382 PENDLETON OR, 97801 PH:541-276-2055 FAX:541-276-3480
DWG NO. WILLOWCRKRCHROS.DWG		

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