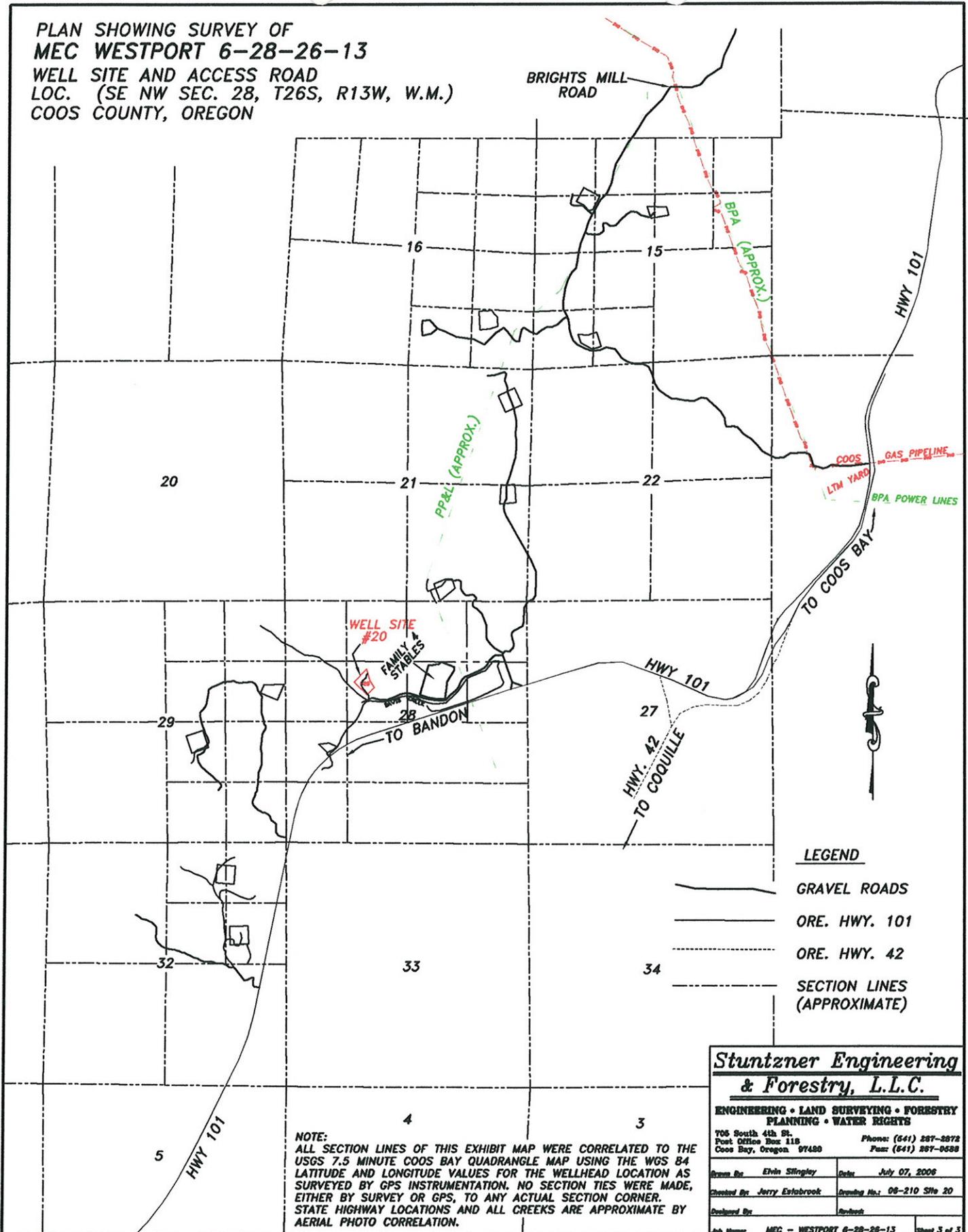


**PLAN SHOWING SURVEY OF
MEC WESTPORT 6-28-26-13
WELL SITE AND ACCESS ROAD
LOC. (SE NW SEC. 28, T26S, R13W, W.M.)
COOS COUNTY, OREGON**



LEGEND

- GRVEL ROADS
- ORE. HWY. 101
- ORE. HWY. 42
- - - SECTION LINES (APPROXIMATE)

NOTE:
ALL SECTION LINES OF THIS EXHIBIT MAP WERE CORRELATED TO THE USGS 7.5 MINUTE COOS BAY QUADRANGLE MAP USING THE WGS 84 LATITUDE AND LONGITUDE VALUES FOR THE WELLHEAD LOCATION AS SURVEYED BY GPS INSTRUMENTATION. NO SECTION TIES WERE MADE, EITHER BY SURVEY OR GPS, TO ANY ACTUAL SECTION CORNER. STATE HIGHWAY LOCATIONS AND ALL CREEKS ARE APPROXIMATE BY AERIAL PHOTO CORRELATION.

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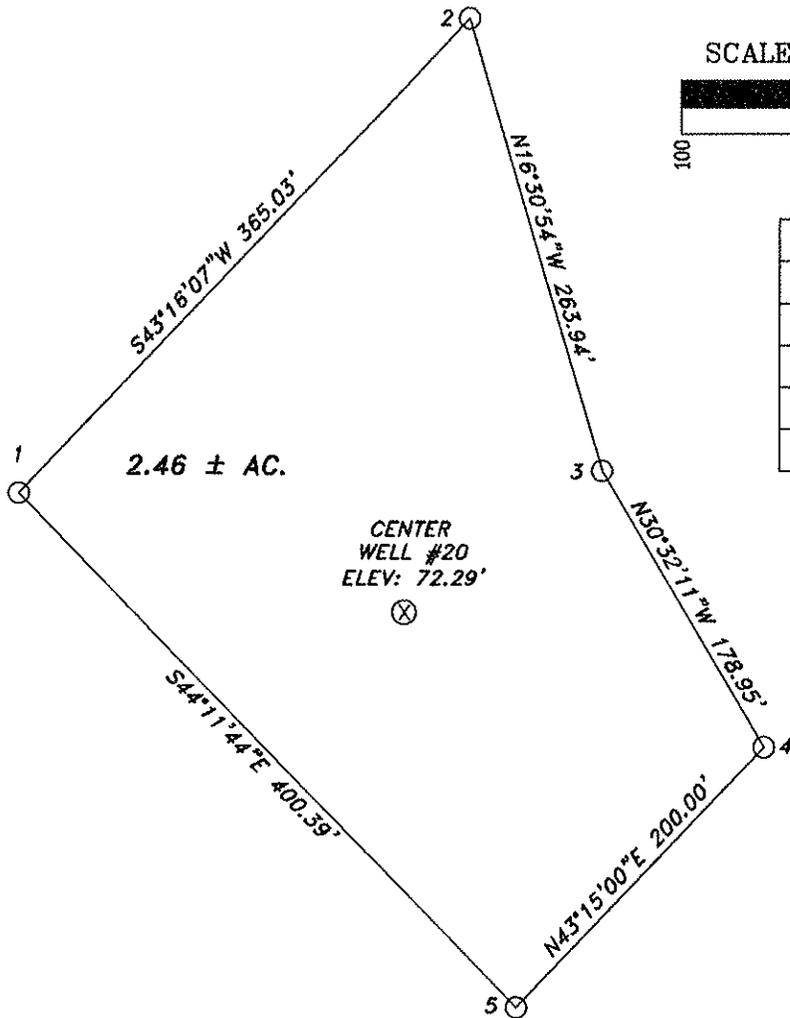
Drawn By: Elvin Stingley Date: July 07, 2006

Checked By: Jerry Estabrook Drawing No.: 06-210 Site 20

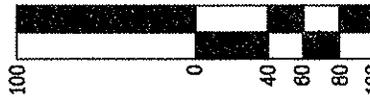
Designed By: [Blank] [Blank]

PLAN SHOWING SURVEY OF
MEC WESTPORT 6-28-26-13
 WELL SITE AND ACCESS ROAD
 LOC. (SE NW SEC. 28, T26S, R13W, W.M.)
 COOS COUNTY, OREGON

WELL NAME	SURFACE COORD.		BOTTOM HOLE COORD.		GROUND ELEV.
WESTPORT	} SEC. 28		—		72.29' (NAVD 88)
WELL NAME	GEOGRAPHIC SURFACE CO-ORD. (WGS 84)		GEOGRAPHIC BOTTOM HOLE		DISTANCE & BRG. TO NW SECTION COR.
WESTPORT	LAT.	43°17'24.31" N	LAT.		1723'± FWL 1829'± FNL
	LONG.	124°15'09.46" W	LONG.		
WELL NAME	UTM CO-ORDINATES (ZONE 10)			AREA	
WESTPORT	SURFACE		BOTTOM HOLE		PAD SITE = 2.46 ± AC.
	15725632.229				ACCESS ROAD =
	1306538.550				TOTAL = 2.46 ± AC.



SCALE 1" = 100 ft.



CORNER ELEVATIONS	
1	55.46'
2	120.72'
3	72.78'
4	52.42'
5	45.64'



REGISTERED
 PROFESSIONAL
 LAND SURVEYOR

OREGON
 June 30, 1995
 Jerry Lee Estabrook
 2703
 EXPIRES 12/31/07

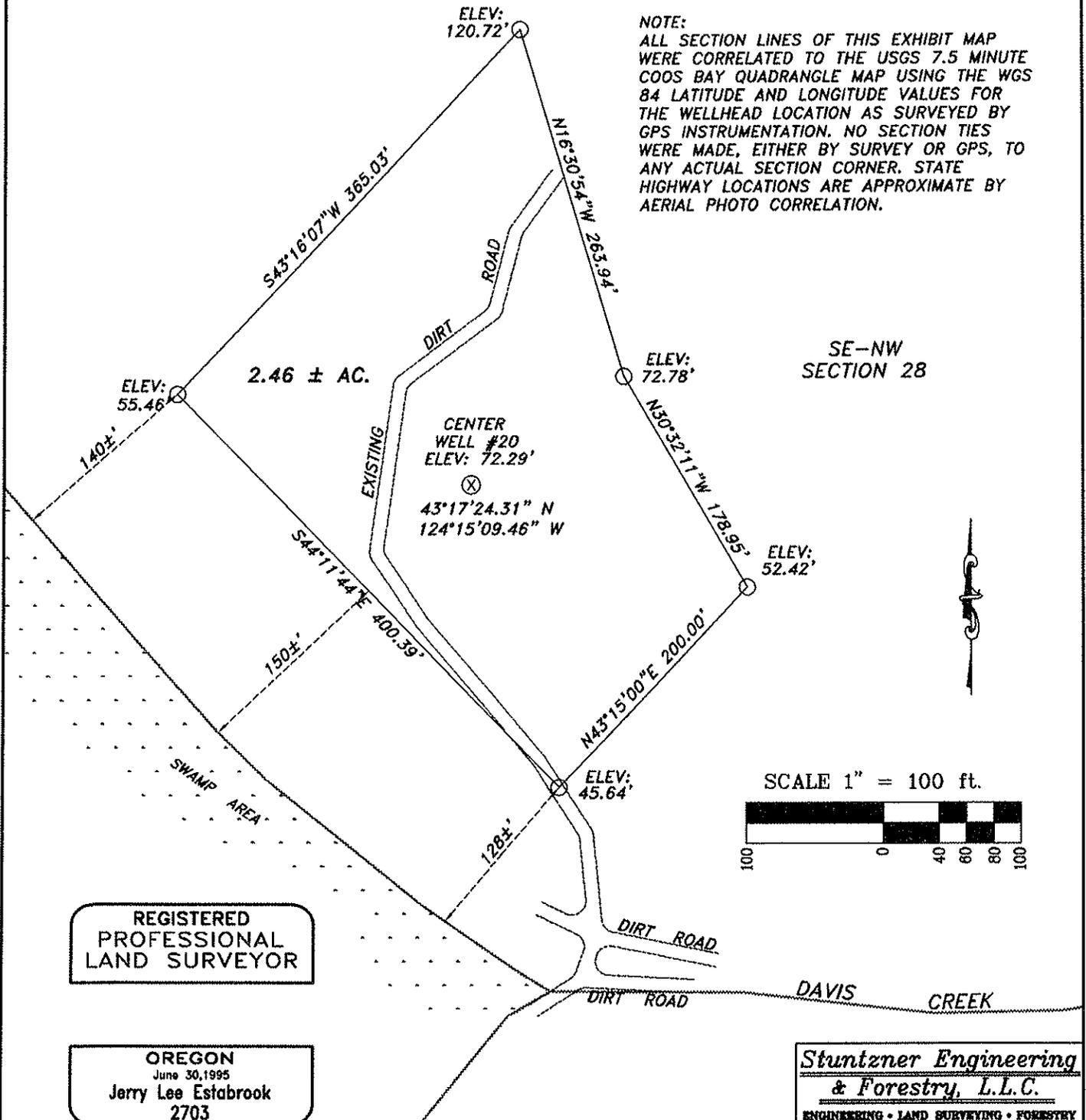
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 705 South 4th St. Phone: (541) 267-2872
 Post Office Box 110 Coos Bay, Oregon 97420 Fax: (541) 267-0588

Drawn By: Evin Stappley	Date: July 07, 2008
Checked By: Jerry Estabrook	Drawing No.: 06-210 S/W 20
Designed By:	Revised: 7-15-08
Job Name: MEC - WESTPORT 6-28-26-13	Sheet 2 of 3

WITNESS - MEC

PLAN SHOWING SURVEY OF
MEC WESTPORT 6-28-26-13
 WELL SITE AND ACCESS ROAD
 LOC. (SE NW SEC. 28, T26S, R13W, W.M.)
 COOS COUNTY, OREGON

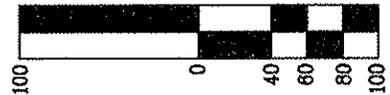
NOTE:
 ALL SECTION LINES OF THIS EXHIBIT MAP
 WERE CORRELATED TO THE USGS 7.5 MINUTE
 COOS BAY QUADRANGLE MAP USING THE WGS
 84 LATITUDE AND LONGITUDE VALUES FOR
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SE-NW
 SECTION 28



SCALE 1" = 100 ft.



REGISTERED
 PROFESSIONAL
 LAND SURVEYOR

OREGON
 June 30, 1995
 Jerry Lee Estabrook
 2703
 EXPIRES 12/31/07

WITNESS - MEC

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 PLANNING • WATER RIGHTS
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Drawn By: Elvin Stingley	Date: July 07, 2006
Checked By: Jerry Estabrook	Drawing No.: 06-210 SW 20
Designed By:	Revised: 7-13-06

Job Name: MEC - WESTPORT, 6-28-26-13

Russell J. Ralls

05/05/06

Westport South SE NW Sec. 28, T26S, R13W

Location: ~ 1,700'E & 1,650'S from NW corner Sec. 28, T26S, and R13W

Dips ~ 10 degrees east

<u>Feet</u> <u>Depths</u>	<u>Tops, Formations</u>	<u>Coal</u> <u>Thickness</u>	<u>Coal Packets</u>	<u>Prognosis</u> <u>Basis</u>
0	Weathered Sandstone, Lower Coaledo			
225	Y Coal	10.0'		
235	Sandstone			
527	X Coal	13.0'		
535	Sandstone			
757	G Coal	1.0'		
758	Sandstone			
813	F Coal	5.0'		
818	Sandstone			
843	E Coal	2.0'		
845	Sandstone			
875	D Coal	6.0'		
881	Sandstone			
1,116	#2 Coal	5.0'		
1,121	Sandstone			
1,649	#1 Coal	10.0'		
1,659	Sandstone			
1,720	7 Coals	16.0'		
1,736	Siltstone and Shale			
2,546	Volcanics			

Total Coal **68'/1,511'** (225'-1,736')

Comments:

1) Site is located near axis of anticline midway between SCM#5 and Phillips Petroleum Dobbys #1 wells.