



LU6000 26
API# 11-075-200 11

IDAHO OIL AND GAS CONSERVATION COMMISSION
Application For Permit to Drill, Deepen or Plug Back

APPLICATION TO: Drill Deepen Plug Back

NAME OF COMPANY OR OPERATOR: Bridge Energy, Inc. Date: 6/23/2010

Address: 1580 Lincoln Street, Suite 1110

City: Denver State: CO Zip Code: 80203 Telephone: (303)831-9022

Distance, in miles, and direction from nearest town or post office: Approximately 1.2 mile east of New Plymouth, ID

DESCRIPTION OF WELL AND LEASE

Name of Lease: Tracy Trust Well Number: #3-2 Elevation (ground) 2245.8

Well Location: Section: 2 Township: 7N Range: 4W (or block and survey)

(give footage from section lines): 2033' FSL 647 FWL (NW 1/4 SW 1/4)

Field and Reservoir (if wildcat, so state): Hamilton County: Payette

Nearest distance from proposed location to property or lease line: 178 feet

Distance from proposed location to nearest drilling, completed or applied for on the same lease: N/A feet

Proposed depth: 2,500 ft Rotary or cable tools: Rotary

Approx date work will start: August 31, 2010 Number of acres in lease: 232 acres

Number of wells on lease, including this well, completed in or drilling to this reservoir: 1

If lease purchased with one or more wells drilled, complete the following information:

Purchased from (name) N/A

Address of above N/A

Status of bond N/A

Remarks: (If this is an application to deepen or plug back, briefly describe work to be done, giving present producing zone and expected new producing zone) Survey plats and drilling prognosis are attached.

In order to optimize structural position and achieve a topographically acceptable location, an exception location is hereby requested. Please direct any inquiries to Ryan Morgan, P.E. (Centra Consulting, Inc.) at 1-208-338-9400.

Fee Lease

CERTIFICATE: I, the undersigned, state that I am the Consultant of Bridge Energy, Inc. (company) and that I am

authorized by said company to make this application and that this application was prepared under my supervision and direction and that the facts stated herein are true, correct and complete to the best of my knowledge.

Date: 6/29/10 Signature: Ryan Morgan

Permit Number: LU600026 Approval Date: 8-5-10 Approved by: [Signature]

API 11-075-20011

NOTICE: Before sending in this form, be sure that you have given all information requested. See instructions on back.

RECEIVED

JUN 29 2010

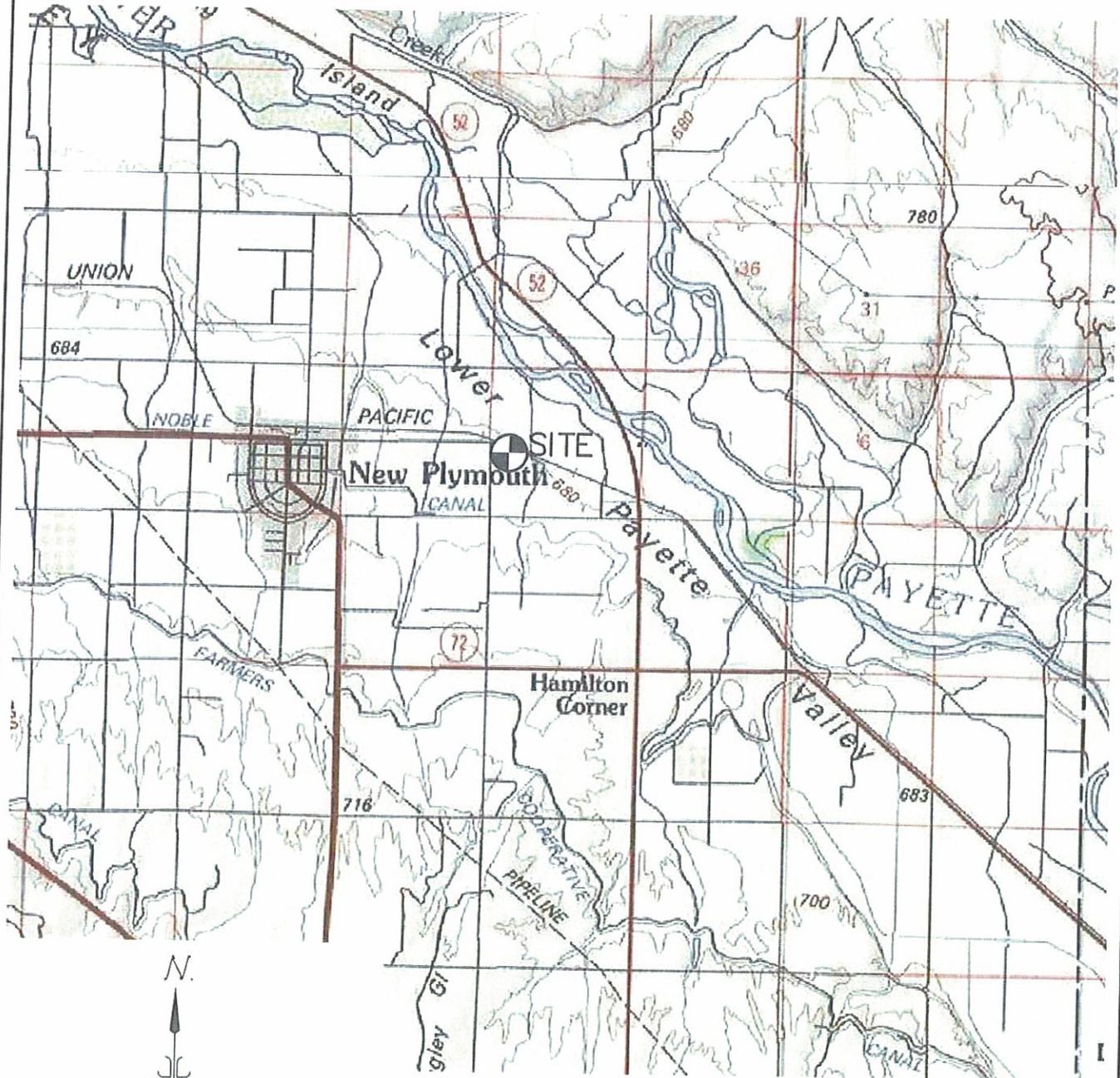
FORM P-1
Authorized by Order No. 2
Rev. 08/14/07

SOUTHWESTERN IDAHO AREA
DEPARTMENT OF LANDS

2010 JUL 12 AM 10:00
BOISE, IDAHO

EXHIBIT MAP OF TRACY TRUST 3-2 SITE

Lying in a Portion of the Northwest 1/4 of the Southwest 1/4 of
Section 2, Township 7 North, Range 4 West of the
Boise Meridian, Payette County, Idaho
2010



SCALE: 1" = ONE MILE

DATE: June 28, 2010

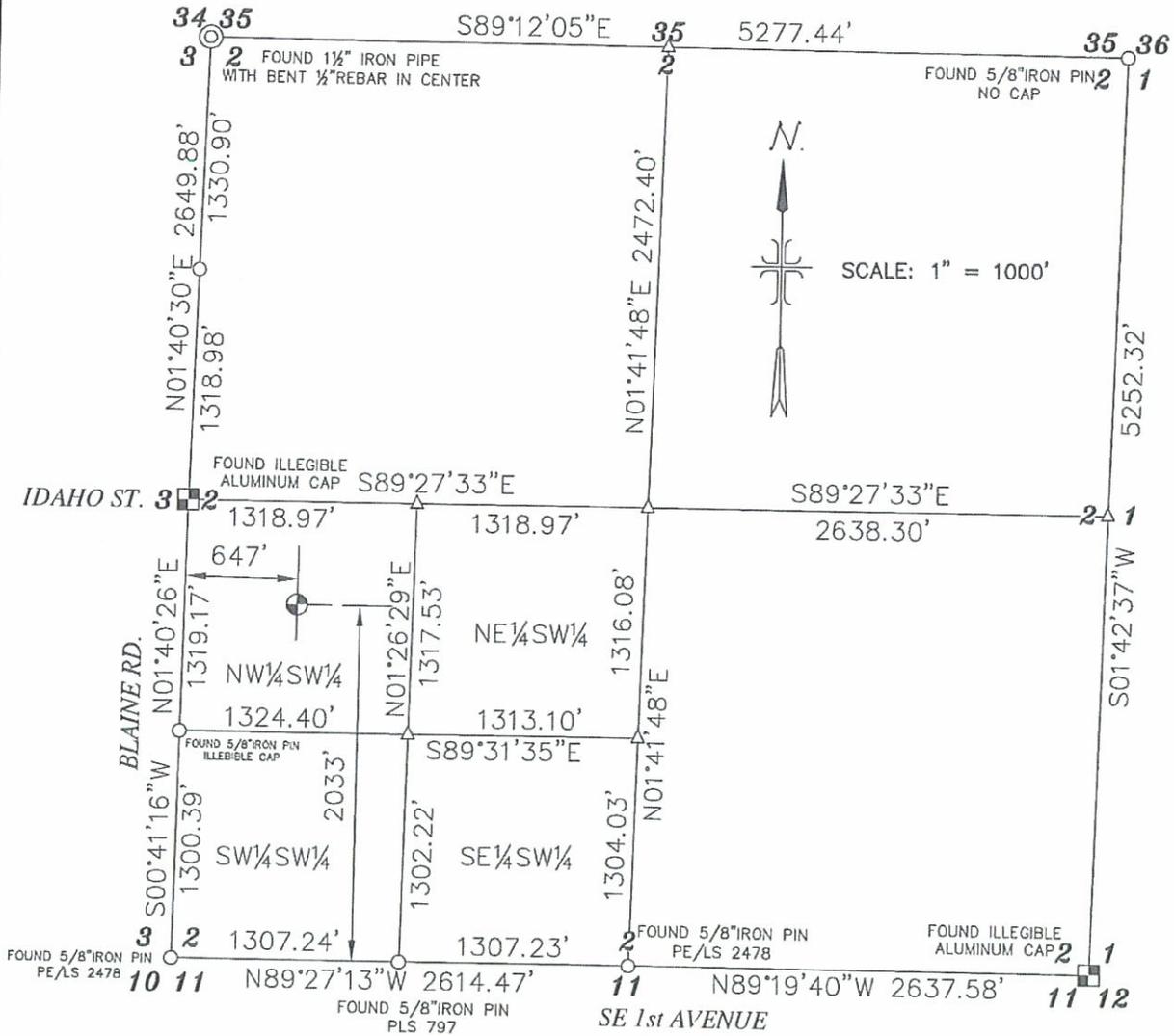
FILE: 0534-01-04 ESPINO SITE.dwg



Surveyors • Planners
1103 West Main Street
Middleton, Idaho
208-585-5858

EXHIBIT MAP OF TRACY TRUST 3-2 SITE

Lying in a Portion of the Northwest 1/4 of the Southwest 1/4 of
Section 2, Township 7 North, Range 4 West of the
Boise Meridian, Payette County, Idaho



IDAHO WEST NAD 83-GRID BEARINGS
 N43°58'22.720"
 W116°47'19.085"
 NAVD 88 VERTICAL DATUM
 EL=2245.8'



DATE: June 28, 2010

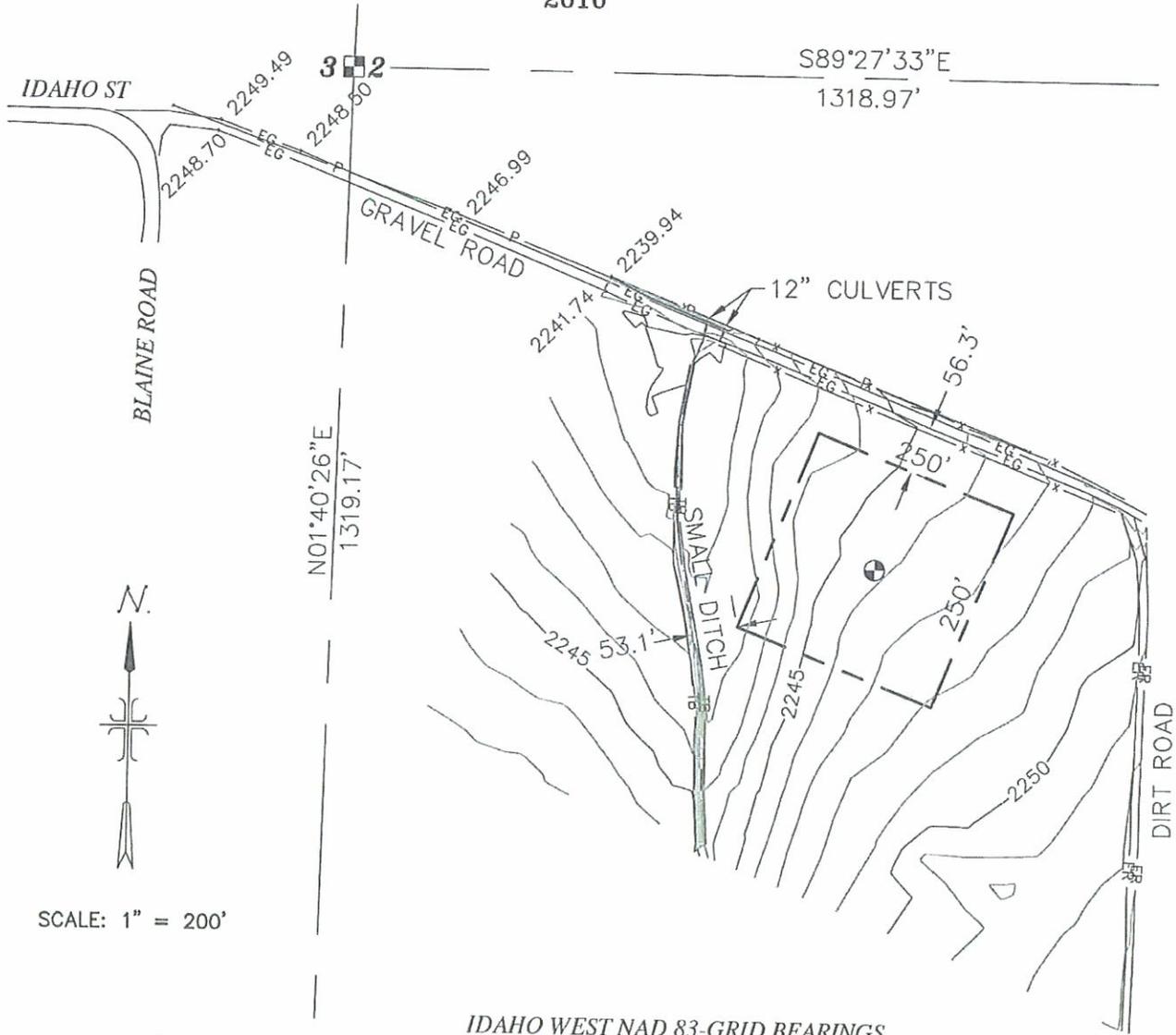
FILE: 0534-01-04 ESPINO SECTION.dwg



Surveyors • Planners
 1103 West Main Street
 Middleton, Idaho
 208-585-5858

TOPOGRAPHIC MAP OF TRACY TRUST 3-2 SITE

Lying in a Portion of the Northwest 1/4 of the Southwest 1/4 of
Section 2, Township 7 North, Range 4 West of the
Boise Meridian, Payette County, Idaho
2010



IDAHO WEST NAD 83-GRID BEARINGS
N43°58'22.720"
W116°47'19.085"
NAVD 88 VERTICAL DATUM
EL=2245.8'



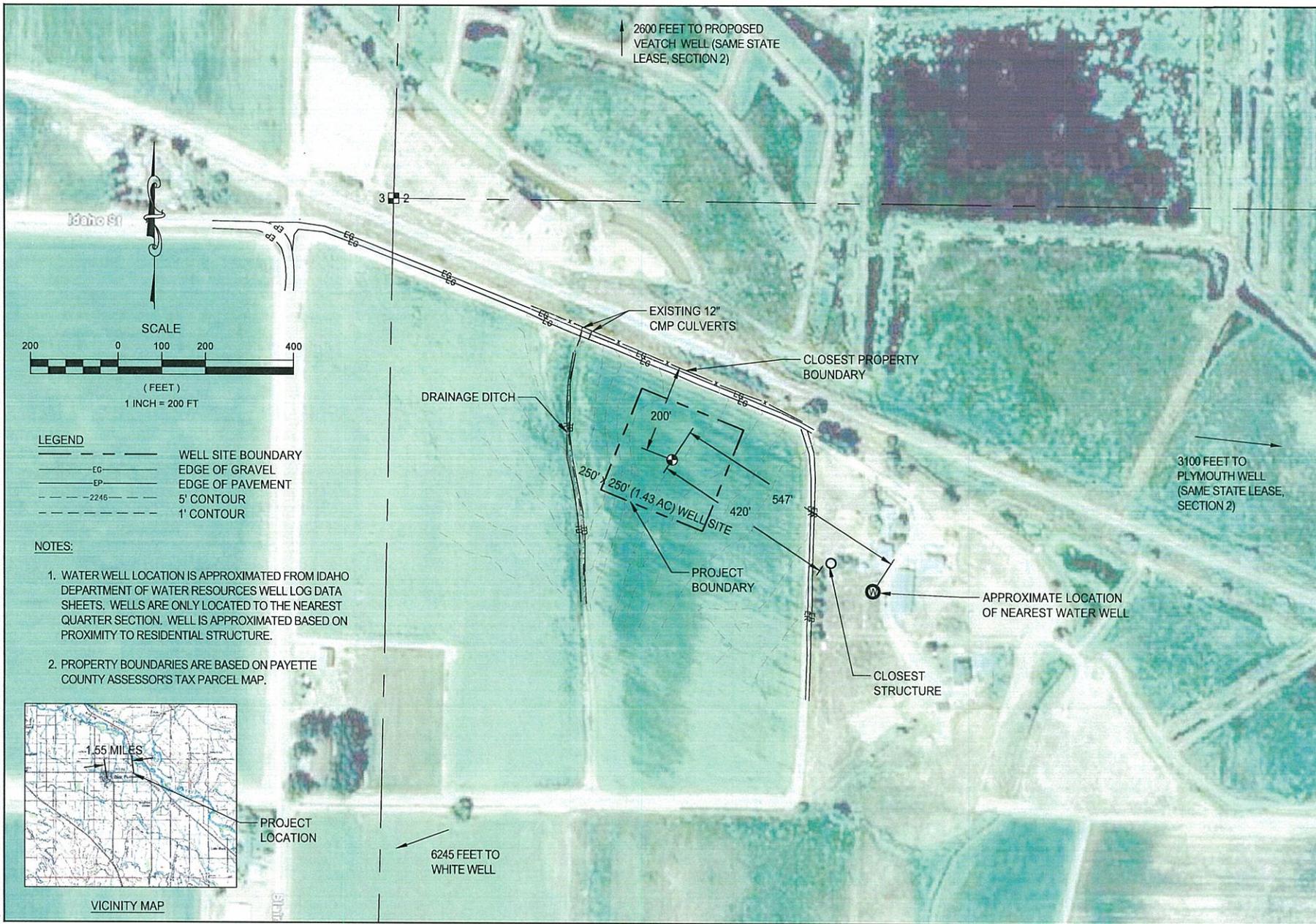
DATE: June 28, 2010

FILE: 0534-01-04 ESPINO TOPO.dwg



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Middleton, Idaho
208-585-5858

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LEGEND

—	WELL SITE BOUNDARY
— EG —	EDGE OF GRAVEL
— EP —	EDGE OF PAVEMENT
- - - 2245 - - -	5' CONTOUR
- - - 1' CONTOUR	1' CONTOUR

- NOTES:**
1. WATER WELL LOCATION IS APPROXIMATED FROM IDAHO DEPARTMENT OF WATER RESOURCES WELL LOG DATA SHEETS. WELLS ARE ONLY LOCATED TO THE NEAREST QUARTER SECTION. WELL IS APPROXIMATED BASED ON PROXIMITY TO RESIDENTIAL STRUCTURE.
 2. PROPERTY BOUNDARIES ARE BASED ON PAYETTE COUNTY ASSESSOR'S TAX PARCEL MAP.



NO.	DATE	DESCRIPTION

PROJECT LOCATION: TRACY TRUST SITE BLAINE ROAD NEW PLYMOUTH, ID 83655	PROJECT CONTRACT: JEFF KIRN
PROJECT NUMBER: BRIDGE ENERGY INC. 1580 LINCOLN ST. STE 1110 DENVER, COLORADO 80203 (303) 831-9022	TITLE: BRIDGE ENERGY INC. PAYETTE IDAHO OPERATIONS WELL LOCATION EXHIBIT
DRAWN BY: RVM 05/10/10	CHECKED BY: PRC 05/10/10



Return to Drilling Rig Inventories Summary



Rig Inventory and Layout

Precision Drilling

Convert to Imperial

Rig #	194	Rig Type	Super Single™
Superintendent	Mike Skuce	Operation Centre	Mid Continent
Category	Mechanical	Rig Type Code	SL
Loads Winter (include boiler)	14	Class	Super Singles
Rated Vertical Depth (m)	3000	Horse Power Range	< 1000
Region	U.S North	Rig Locator Status	Completed
Rated with Drill Pipe (mm)	102		

▼ RIG LAYOUT DRAWING

NOTE: To open the rig layout attachment, click on the icon below. If you do not have Adobe Acrobat Reader installed

to view the PDF file, [click here](#) to download a free copy.

Rig Layout PDF File Attachment:



Rig 194sl - I2 (Rig Layout) - Approved.pdf

▼ DRAWWORKS

M/E	M	Auxiliary Brake	Eaton 224 WCB Disc Brake
Drawworks	National D600-PSD	Rated Power kW (hp) with Number of lines	450 (600) 8
Drawworks Capacity (daN)	133500	Rating kW (hp) - Each	470 (630)
Drawworks Drive (Quantity)	CAT C-18 (1)		

▼ MAST

Mast Type	Slant Single	Manufacturer	Precision/Quality
Static Hook Load (daN)	133500	Mast Clear Height (m)	22.9
Drill Line Size (mm)	25.4	Number of lines	8
API SF=2 (daN)	154900	API SF=3 (daN)	103700

▼ SUBSTRUCTURE

Substructure Type	Trailer	Manufacturer	Rostel Industries
Floor Height (m)	3.30 - 3.81	Kelly Bushing to Ground (m)	N/A
Clear Height (m)	2.60 - 3.10	Setback Capacity (daN)	No Limitation
Rotary Capacity (daN)	133500		

This Rig Type is Equipped with a Pipe Arm

▼ HOISTING AND ROTATING EQUIPMENT

Precision/Rostel PDCA70/70	133400
----------------------------	--------

Top Drive Model		Top Drive Capacity (daN)	
Rotary Table Model	Slip Table	Rotary Table Capacity (daN)	111300
		Rotary Table Clearance (mm)	521
Power Wrench Model	Rostel SST9070	Maximum Diameter (mm)	298

▼ MUD PUMPS AND MUD SYSTEM

MUD PUMP 1

Manufacturer & Model	BPMMP - BSF-1000 (Triplex)	Rated Power kW (hp)	750 (1000)
Stroke (mm)	254		
Mud Pump Drive (Quantity)	CAT C-32 (1)	Rating kW (hp) - Each	700 (950)

MUD PUMP 2

Manufacturer & Model	BPMMP - BSF-1000 (Triplex)	Rated Power kW (hp)	750 (1000)
Stroke (mm)	254		
Mud Pump Drive (Quantity)	CAT C-32 (1)	Rating kW (hp) - Each	700 (950)

MUD SYSTEM

Mud Tank Total Volume (m ³)	50	# of Mud Tanks	1
Premix Tank Volume (m ³)	12	Pill Tank Volume (m ³)	1.5
Trip Tank Volume (m ³)	3.1	Trip Tank Surface Area (m ²)	2.1
Centrifugal Pump Quantity:	2	Centrifugal Pump Size	5 x 6
Shale Shaker Quantity	1	Shale Shaker	Brandt King Cobra Linear Motion
Atmospheric Degasser	Single - Atmospheric 762 mm OD 102 mm Inlet 203 mm Vent Line		
Additional Information			

▼ WELL CONTROL SYSTEM

Annular	Shaffer Spherical	Pressure Rating (kPa)	21000
		Size (mm)	279
Ram #1	Shaffer LWS - Double	Pressure Rating (kPa)	21000
		Size (mm)	279
Trim Type	Nace	BOP Additional Information	
Accumulator Manufacturer	E.C.S.	Remote Panel Type	PLC
Accumulator Volume (l)	318	# of Stations:	5
Accumulator Pumps			
Choke Manifold Style (mm)	51 x 76 x 51	Pressure Rating (kPa)	21000

Well control equipment listed is rig's normal inventory. Well control equipment is subject to change; Operator should confirm current configuration and specific requirements with the Precision Drilling Contracts Representative.

▼ ELECTRICAL POWER

Power Distribution Type	Single AC Diesel Generator with Distribution Panel
-------------------------	--

POWER GENERATION

Power Generators					
Quantity	1	Generator Drive	CAT C-18	Generator Size (kW)	450

▼ MISCELLANEOUS EQUIPMENT

Winterization	Boiler w/Steam Lines Prefabs	Boiler Rating kW (hp)	125
	Rig Shelter		
Fuel Tank Qty	1	Total Fuel Tank Capacity (l)	14200
Water Tank Qty	1	Total Water Tank Capacity	57000

(1)
Special Equipment Flare Tank, Hydraulic BOP Handler, Hydraulic Catwalk, Hydraulic Pipe Arm, Hydraulic Pipe Table, Substructure Leveling Jacks, Power Tong, Hydraulic Pull Downs

▼ **NOTES**

TUBULARS

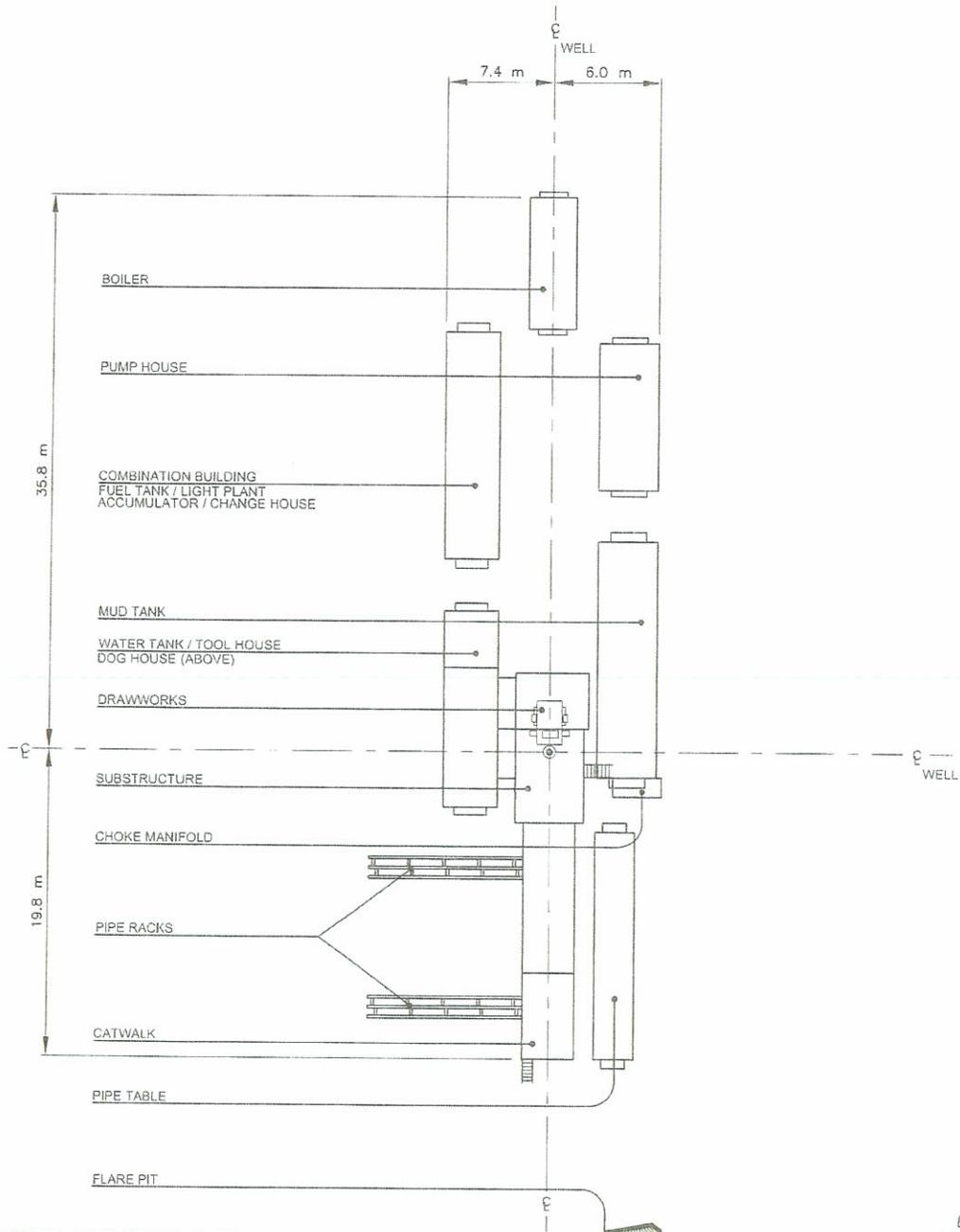
Rig carries sufficient tubular inventory of drill collars and drillpipe to drill 75% of rated depth. Exact quantities and descriptions of tubulars on the rig are available on request. Specific requirements for different types or quantities of BHA components and/or additional drillpipe above that normally carried as part of the rig inventory, are to be discussed with the Contracts Representative of Precision Drilling.

[Previous Document](#) 

 [Next Document](#)

RIG LAYOUT

RIG 194SL



MINIMUM LOCATION SIZE	
FROM HOLE CENTER	
TO CROWN END	50 m
TO BACK OF RIG	50 m
TO DOG HOUSE SIDE	30 m
TO SUMP SIDE	20 m

11 o'clock
50 m from
well center

DATE: 26/03/07
 DWG No. 851-194SL-12
 APPROVED BY 000# 1



PRECISION DRILLING

CALGARY, ALBERTA, CANADA

BRIDGE RESOURCES

TRACY TRUST 3-2 WELLBORE DATA SHEET

LEASE:	Bridge Resources	TOTAL DEPTH:	2500ft
WELL:	Tracey Trust 3-2	SURFACE LOCATION:	N43-58-22.720
LOCATION:	Sect 2/Township 7N/Range 4W		W116-47-19.085
	Payette County	BOTTOM HOLE LOCATION:	N43-58-22.720
SPUD DATE:	August		W116-47-19.085
OBJECTIVE:	Hamilton Sands	ELEVATION:	2246ft
		ELEVATION(KB):	2263ft

FORMATION EVALUATION	CASING SIZE (IN)	COMMENTS	HOLE SIZE (IN)	TVD	MUD WEIGHT (ppg)	FRACTURE GRADIENT (ppg)
	16" Line Pipe-Welded	No FIT	25"	82ft	WBM 8.4	8.4
		Top of cmt-500ft				
	9 5/8"-36ppft-R111-J55-STC	FIT	12 1/4"	600+ft	SBM 8.8ppg	8.4
<p>Mud Logging Each 10ft from 60ft</p> <p>Haliburton density,neutron,resistivity,sonic side wall cores</p>			8 3/4"			
	6 1/2"-17ppft-R111-J55-LTC		8 3/4"	2500ft	SBM 10.3	11.5

**DRILLING PROGNOSIS
BRIDGE ENERGY, LLC
Tracy Trust 3-2 (Hamilton Prospect)
NW/4 SW/4 of Section 2 - Township 7N-Range 4W
Payette County, Idaho**

July 16, 2010

GENERAL

NOTE: This well is to be drilled as a tight hole. Unauthorized personnel are not to be allowed on the rig floor, and all information is to be kept confidential.

Surface Location: 2033' FSL and 647' FWL (NWSW), Section 2-T7N-R4W

Bottomhole Location: Same

Proposed TD/Objective: [REDACTED]
TD 2500'

Elevation: 2,246' GL (ungraded); 2,264' KB (estimated).

Drilling Rig: To be determined.

MECHANICAL

Casing Design:

<u>SIZE</u>	<u>INTERVAL</u>	<u>LENGTH</u>	<u>DESCRIPTION</u>	<u>SFt</u>	<u>SFc</u>	<u>SFb</u>
16"	0' - 60'	82'	Conductor (0.219" WT)	--	--	--
9-5/8"	0' - 600+'	600+'	36#, J-55, STC	21.9	8.18	7.04
5-1/2"	0' - 2500'	2,500'	17#, J-55, STC	2.69	1.60	1.91
2-7/8"	0' - 2500'	2,500'	6.5#, J-55, EUE	3.16	3.05	1.45

NOTE: If mud weight exceeds 10.0 ppg at TD, casing design may be altered. Clean and drift all strings of casing prior to running. Remove all thread sealant (Kindex) prior to running. Unload production casing and tubing strings with a forklift.

CEMENT

<u>CASING/HOLE SIZE</u>	<u>CEMENT SLURRY</u>	<u>SX</u>	<u>PPG</u>	<u>YIELD</u>
16" - 24"	Cement to surface with 4 yds Redi-mix.			
9-5/8" - 12-1/4"	Lead: Premium Light cement + 2% CaCl ₂ + 1/4 pps flocele	100	12.0	2.27
	Tail: Class G + 2% CaCl ₂ + 1/4 pps flocele	100	15.8	1.15

NOTE: Precede cement with 50 bbl fresh water. Have 100 sx neat cement and one-inch tubing on location for topping-off. Cement volume has been calculated assuming 100% excess.

<u>CASING/HOLE SIZE</u>	<u>CEMENT SLURRY</u>	<u>SX</u>	<u>PPG</u>	<u>YIELD</u>
5 1/2" – 8 3/4"	Class G cement containing fluid loss additive, bonding agent, and retarder as required.	300	15.8	1.15

NOTE: Prior to cementing, slowly lower mud viscosity to 35-sec funnel viscosity. Circulate hole for 1 hour at this viscosity prior to cementing. Precede cement with 1000 gal mud flush and 30 bbl fresh water spacer. Cement top contingent upon the presence of potentially productive intervals. Actual cement volume to be determined from caliper log. Run pilot tests on proposed cement with actual make-up water. Cement design may be altered depending on actual bottomhole temperatures and the presence of lost circulation. Do not move the casing (under any circumstances) while setting the casing slips.

CEMENTING ACCESSORIES

- Surface Casing:
- 1) Guide shoe with insert float located one joint above shoe.
 - 2) Top wiper plug (rubber).
 - 3) Centralizer with stop ring in middle of shoe joint.
 - 4) Centralizers over collars on first three connections, omitting float collar.
 - 5) Use a total of five centralizers.
-
- Production Casing:
- 1) Differential-fill float collar located one joint above differential-fill float shoe.
 - 2) Top and bottom wiper plug.
 - 3) Centralizer with stop-ring in the middle of shoe joint.
 - 4) Centralize through and 100' on either side of potentially productive intervals. Run at least 12 centralizers.
 - 5) Thread-lock all connections through float collar and use API casing dope on all remaining connections.
 - 6) Stage cementing tool may be run to ensure placement of cement across any productive intervals and fresh water sands.
 - 7) Centralize above and below stage cementing tool (if run).

WELLHEAD

- Casing Head: 9-5/8" x 11" x 3,000 psi WP flanged casing head with two-2" LP outlets. Outlets equipped with one-2" 3,000 psi WP ball valve, and one-2" x 3,000 psi WP bull plug on the outlets.
- Tubing Head: 11" x 7-1/16" x 3,000 psi WP tubing head with two-2" LP threaded outlets. Outlets to be equipped with 2" x 3,000 psi WP ball valves.
- Upper Half: To be determined.

MUD PROGRAM

<u>INTERVAL</u>	<u>WEIGHT (PPG)</u>	<u>VISCOSITY (SEC)</u>	<u>WL (CCS)</u>
0' – 600+'	8.5 - 9.0 ppg	30 - 45 sec	NC

Spud well with fresh water viscosified with Pac Regular. Circulate reserve pit to maintain clear water at the pump suction. Addition of lime and/or a selective flocculant may be made at the flowline to promote solids settling in the reserve pit. Keep hole full and drill pipe moving at all times. Sweep hole with Super Sweep to insure the hole is clean prior to running surface casing.

<u>INTERVAL</u>	<u>WEIGHT (PPG)</u>	<u>VISCOSITY (SEC)</u>	<u>WL (CCS)</u>
600+' – 2500'	8.5 - 9.8 ppg	28 - 34 sec	10 ccs or less

After drilling our surface casing shoe, displace to Synthetic Base Mud, SBM. Reference SBM program for specific maintenance, product concentrations, and mud treatment. Keep hole full at all times. Monitor pit volume constantly as lost circulation and water flows should be expected at all times. Sweep hole as dictated by hole conditions.

Deviation tendencies in this area should not be severe; however, prudent drilling practices should be adhered to at all times. Surveys should be run at ±500 ft intervals, unless otherwise indicated.

WELL CONTROL EQUIPMENT

<u>INTERVAL</u>	<u>EQUIPMENT</u>
0' – 600+'	None
600+' – 2500'	11" x 3,000 psi WP double-gate BOP with blind and 4-1/2" pipe rams. Rig should be equipped with upper and lower kelly cocks, as well as stabbing valve (have wrench available at all times). BOP equipment will be tested after nipple-up and every 30 days thereafter. (Notify Idaho State field representative prior to testing). Close pipe rams daily and blind rams on trips, recording results on tour sheets.

GEOLOGICAL

- Geologist/Mud Logger: Geologist and mud logger with hotwire and chromatograph to be on location to from base of surface casing to TD. Notify prior to spud and after setting surface casing.
- Electric Logging: DIL-SFL-SP and BHC Sonic-GR-CAL to be run in tandem from base of surface casing to TD. LDT-CNL-GR-CAL may be run at the geologist's discretion.

GEOLOGICAL (Continued)

Formation Tops: Assumes KB elevation of 2,264 ft.

<u>FORMATION</u>	<u>DRILL DEPTH</u>	<u>SUB SEA</u>
[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]

MISCELLANEOUS

1. Pump carbide lag prior to running surface casing and prior to drilling out shoe. Pump efficiencies will be calculated from this information. Run frequent carbide lags while drilling to determine degree of hole washout.
2. Monitor mud hydraulics closely. An in-gauge hole is extremely critical to achieve open-hole packer seats, interpretable logs, and a good cement bond.
3. Water will be hauled or pumped from nearby sources.
4. Reserve pit is to be lined with a 12-mil synthetic liner.
5. It is anticipated that a mud motor and PDC bit will be used from approximately 600' to TD.
6. In general, the above prognosis is presented as a guideline only; and is subject to change as dictated by hole conditions and geological interpretation.

PERSONNEL

OFFICE NUMBER

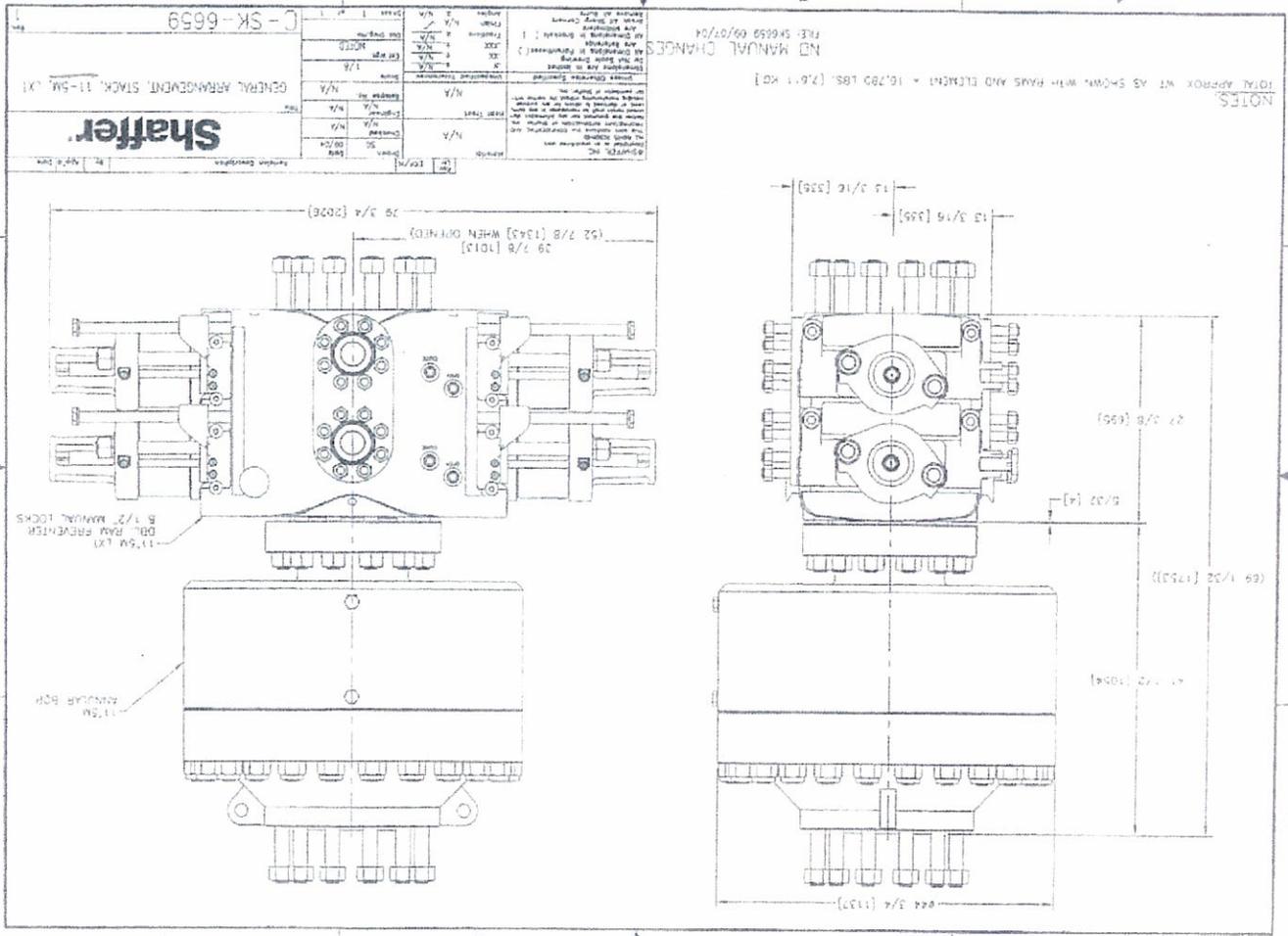
CELL NUMBER

Dan Hall, Consulting Engineer	303-969-9610	303-618-1877
Jeff Kim, Manager of Operations	303-831-9022	303-981-7443
Ed Davies, President	303-831-9022	720-641-8737
Ron Richards	303-831-9022	

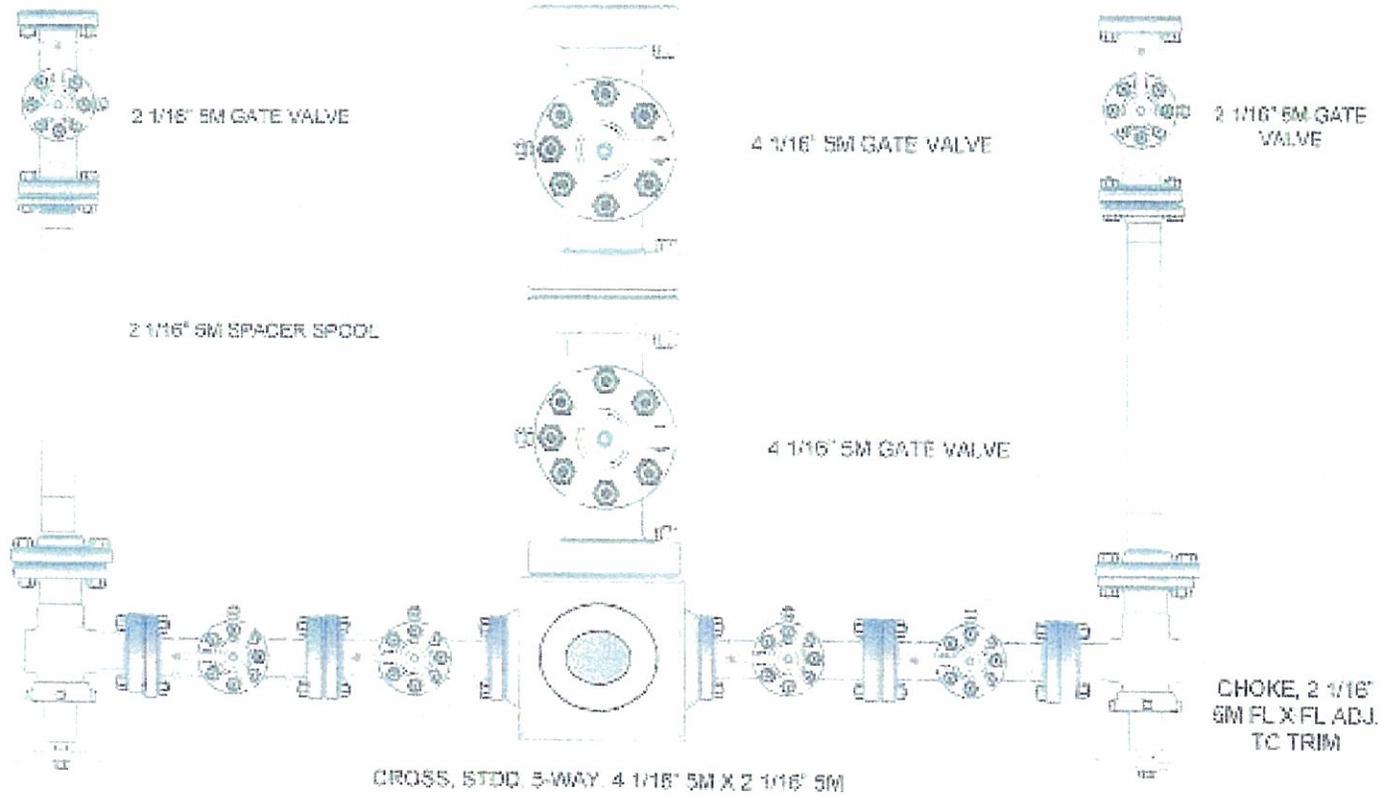
Prepared by:

Ron Richards for Bridge Energy Inc.

Mounting Spool 1/2" W x 11" L x 5" H
1 cut left



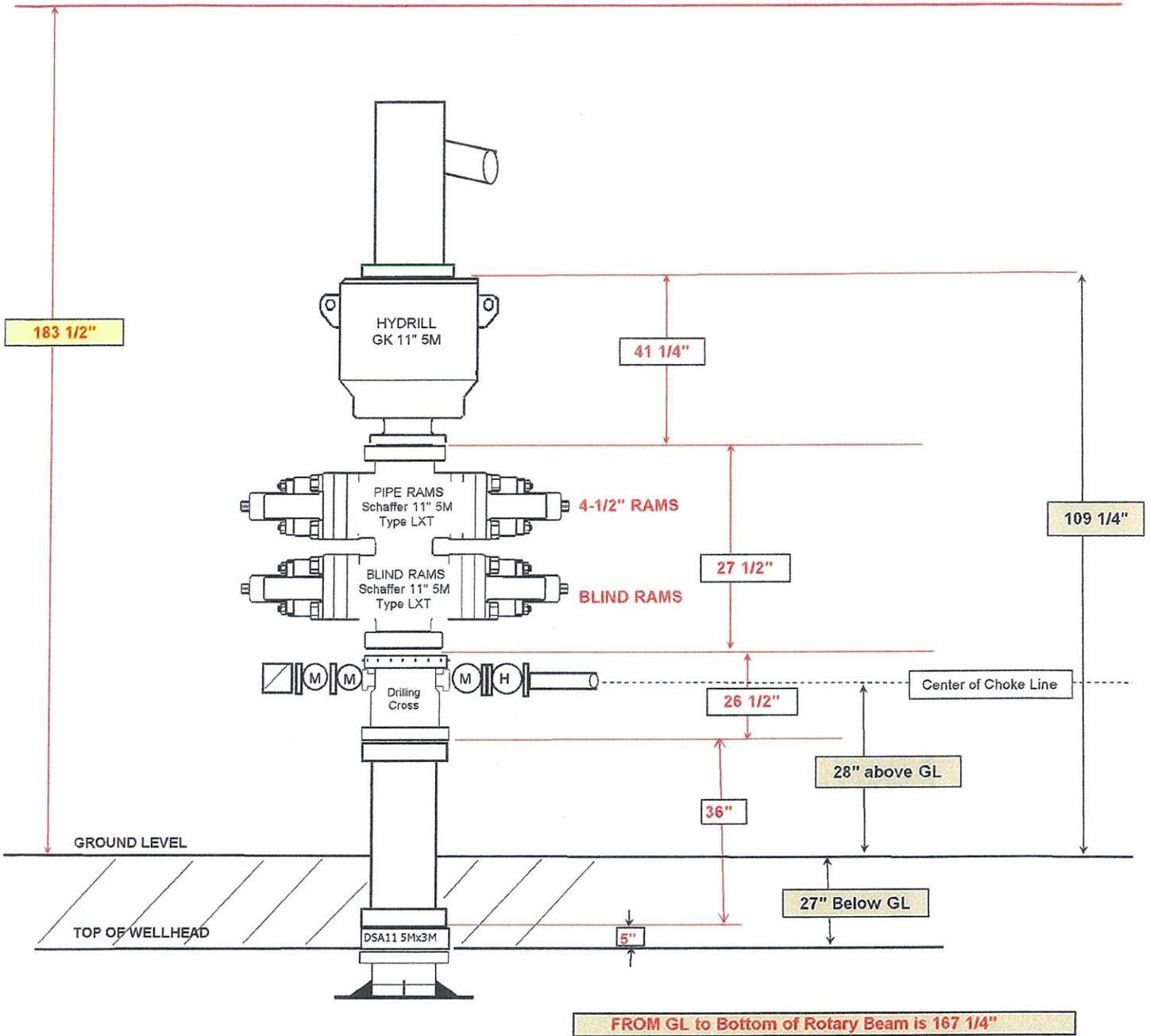
4 1/16" 5M X 2 1/16" 5M CHOKE MANIFOLD



WHS, LLC
BOP Schematic NU on Surface- Razorback Rig

RIG FLOOR

RIG FLOOR





MEMORANDUM

August 2, 2010

To: Nancy Welbaum, IDL
From: Ryan V. Morgan; P.E., LEED AP
Cc: Steve West; Jeff Hammel, E.I
Re: Additional Information for Tracy Trust Well.

Nancy,

Per your request via email last Friday please find attached the additional information regarding distances from the proposed well to the additional features requested.

Closest Gas Well – 2600' (Veatch)
Closest Water Well – 440' (Residential well located to the east)
Closest Structure – 400' (residential home located to the east)

Please note that the distance to the production boundary is not supplied as this boundary is yet to be determined.

Should you have additional questions please let us know.



August 5, 2010

Nancy Welbaum
8355 W. State Street
Boise, ID 83714

Re: Tracy Trust Gas Well
Spacing Exemption Request

Dear Nancy,

Bridge Energy Inc. is proposing the second well in Section 2, Township 7 North, Range 4 West, Payette County, Idaho, and requests a spacing exemption due to the following:

1. The first well drilled in the section, the Espino 1-2 well, was originally drilled to a depth significantly deeper than what has been proposed for the second well. However, the Espino 1-2 well could not be completed at the deeper depth and was subsequently plugged back and completed in a depth similar to the proposed total depth for the Tracy well.
2. Test results indicate that the first well, the Espino 1-2, is not currently capable of commercial production. Additional data is needed, which can only be acquired at this time from a subsequent well in the section, to evaluate and recommend further work on the Espino well.
3. The physical infrastructure necessary to produce any wells in this area does not currently exist, and production from more than one well in the section will not result from successful drilling and completion operations on the Tracy Trust 2-2 well.
4. Furthermore, it is anticipated that Bridge will submit to the State Oil and Gas Conservation Commission a comprehensive petition for revised spacing of a production pool(s), upon evaluation of all test and production data gathered from all drilling and completion operations. This would occur after the additional test data is gathered but prior to establishment of the infrastructure needed to produce gas from its operations.
5. This would also necessitate the implementation of an established process through which the State Oil and Gas Commission would convene to consider such requests. Such process does not appear to be in place at the present time.

Should you have any additional questions, please contact us at 208.338.9400.

Sincerely,

A handwritten signature in blue ink, appearing to read "S.E. West", is written over a light blue horizontal line.

Stephen E. West
President

Cc: Bridge Energy Inc
1580 Lincoln St., Suite 1110
Denver, CO 80203

