

IDAHO DEPARTMENT OF LANDS
DIRECTOR'S OFFICE
300 N 6th Street Suite 103
PO Box 83720
Boise ID 83720-0050
Phone (208) 334-0200
Fax (208) 334-5342



TOM SCHULTZ, DIRECTOR
SECRETARY TO THE COMMISSION

IDAHO OIL AND GAS
CONSERVATION COMMISSION
Chris Beck, Chairman
Margaret Chipman, Vice-Chairman
Sid Cellan
James Classen
Ken Smith

March 16, 2016

Shauna DeMattee
Energy Summit Resources
PO Box 1733
Vernal, Utah 84078

SUBJECT: Permit to Drill #11-019-20012, Udy 18-1

The Idaho Department of Lands (IDL) has completed our review of this permit to drill for oil and gas. Enclosed is a copy of the approved permit. This permit was approved with the following stipulations:

1. The conductor pipe shall be cemented to the surface as required by IDAPA 20.07.02.310.04. Permittee shall use ready mix cement unless water is encountered, in which case an appropriate slurry mix will be used.
2. During drilling and logging of the hole for the production casing, the permittee shall identify any water bearing zones and isolate those zones in the annular space during cementing or completion activities.
3. The flare pit may only be used to flare gas that is encountered during drilling. No fluids may be discharged into the flare pit. If fluids are discharged into this pit, it shall be considered a spill and must be addressed as directed by IDAPA 20.07.02.302.02 and 302.03.
4. Only one well is authorized through this permit. The two "Future Wells" shown in Figure 1 will require separate applications.
5. The permittee shall be required to submit an affidavit covering the initial BOP pressure test after installation signed by the operator or contractor attesting to the satisfactory pressure test.
6. The permittee shall ensure tanks are adequately sized, designed and constructed for the reception and confinement of mud and cuttings and to prevent contamination of streams and potable water.
7. Drilled holes cannot be used for any other purposes unless they are constructed according to the applicable well construction standards administered by the Idaho Department of Water Resources.
8. Applicant will obtain any needed water rights from Idaho Department of Water Resources if nearby wells will be used to supply water for the drilling operations.
9. All well information required by IDAPA 20.07.02.340 and 341 will be submitted to IDL within 30 days of well completion or the logs being run.
10. Well Log information shall be submitted in paper and electronic formats.

Shauna DeMattee
March 16, 2016
Page 2

11. Idaho Department of Lands inspectors shall have 24 hour, unencumbered access for compliance and regulatory purposes.
12. All cementing operations shall be in accordance with IDAPA 20.07.02.310. Cement will be returned to surface on the surface casing via the pump and plug method or other method as approved by the Department.
13. This permit does not grant the right for ingress or egress nor does this application grant the right to production from unleased lands.
14. No production or drainage may occur until item 12 above has been met or the Commission has issued an order to satisfy item 12.

Please ensure that all operations are conducted in accordance with the requirements of IDAPA 20.07.02 (Rules Governing Conservation of Oil and Natural Gas in the State of Idaho).

This permit will be administered by IDL staff and possibly a contractor hired by IDL. We will be inspecting the drilling operation. Please contact me at 208-334-0261 if you have any questions.

Sincerely,



Eric Wilson
Resource Protection and Assistance Bureau Chief

cc: Gary Billman, Resource Specialist, IDL Eastern Office
Chad Hersley, IDWR, PO Box 83720, Boise, Idaho 83720-0098
Steve Serr, Bonneville County Planning and Zoning, 605 N Capital Ave, Idaho Falls, ID,
83402

December 23, 2015

Idaho Department of Lands
Oil and Gas Program
Attn: Gary Billman
3563 Ririe Highway
Idaho Falls, Idaho 83401

RE: Udy 18-1 Application for Permit to Drill
NESE of Section 18, T3S, R43E, Boise Meridian

To Whom It May Concern:

On behalf of Energy Summit Resources (ESR), please find enclosed the updated application for permit to drill the proposed Udy 18-1 well in Bonneville, ID. ESR has opted to utilize a 'closed loop system' and no reserve pit will be used. The date in which ESR plans to commence well work has been corrected and extended to **1.30.2016** and the "Well Proximity Map Topo C" has been updated to show the proximity of CPC 17-1 well. ESR is in the process of setting up a bond for the proposed well. The bond type and number will be provided at a later date. Per IDAPA 20.07.02, the following exhibits are included as part of the subject well application:

- Permit Fee - \$2,000 - Submitted with original application
- Well Survey Plat
- Location Exception Request
- Drilling Plan
- Erosion and Sediment Control Plan
- Proposed Pad Construction Exhibits and additional maps
- Reclamation Plan

Should you have any questions about the permit application. Please contact me via my contact information below.

Sincerely,



Shauna DeMattee

Regulatory Analyst, Consultant on behalf of CPC Minerals/ Energy Summit Resources

Office: 720-359-1597

Cell: 720-299-4495

Email: sdemattee@progressivepcs.net

RECEIVED

DEC 28 2015

Idaho Dept. of Lands
EAI



IDAHO OIL AND GAS CONSERVATION COMMISSION

Application For Permit to Drill, Deepen or Plug Back

APPLICATION TO: Drill (\$2,000) [X] Deepen (\$500) [] Plug Back (\$500) []

NAME OF OPERATOR: ENERGY SUMMIT RESOURCES Date: Nov 30, 2015

Address: PO Box 1733

City: Vernal State: UT Zip Code: 84078 Telephone: 435-828-5007

Contact Name: Shauna DeMattee Email Address: sdeemattee@progressivepcs.net

Emergency Contact Name/Phone: Brett O. Haslem, 435-828-5007

DESCRIPTION OF WELL AND LEASE

Name of Lease: Udy Well Number: 18-1 Elevation (ground): 6398'

Well Location: Section: 18 Township: 3S Range: 43E (or block and survey)

(Give footage from Section lines): 2100', FSL, 1195' FEL

Latitude/Longitude (Dec Degrees): 43.156792 /-111.456233 Datum: WGS84 X NAD83

NAD27

Field and Reservoir (if wildcat, so state): Wildcat County: Bonneville

Distance, in miles, and direction from nearest town or post office: well is 10.55 NW from the nearest post office

Nearest distance from proposed location to property or lease line: 1195' feet

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

Proposed depth: 7000' Approx date work will start: 1/30/2016 Number of acres in lease(s): 1200

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

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

Purchased from (Name): N/A

Address of above:

Bond Type and Number:

Surface Rights Owner (At proposed surface location): Name Udy Cattle Company Phone: 208-221-2277 or 208-221-1909

Does the drilling unit contain state leases? 1 If yes, check all that apply:

IDL [] IDFG [] IDT [] Public Trust [] Other []

Does this application include the following actions? If yes, check all that apply:

Well Treatment [] Pit construction [] Directional or Horizontal Drilling []

Applications that include well treatments, pit construction, and directional drilling must provide attachments with the information required from the respective sections of IDAPA 20.07.02. If these activities are not included in this application, then a separate application and approval will be required prior to commencement of any of these activities.

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)



IDAHO OIL AND GAS CONSERVATION COMMISSION

Application For Permit to Drill, Deepen or Plug Back

Applicant(s) should be familiar with and adhere to IDAPA 20.07.02, Rules Governing Conservation of Crude Oil and Natural Gas in the State of Idaho.

Please check the boxes below to indicate that you have supplied the required information.

Maps Required

- Attach a survey plat or map, preferably on a scale of one (1) inch equals one thousand (1,000) feet, prepared by a licensed surveyor or engineer.
The plat must show:
[X] The proposed well location. For directional wells, both surface and bottomhole locations should be marked.
[X] The location of the well with reference to the nearest lines of an established public survey.
[X] All leased tracts held by the applicant within the drilling unit. Distances of the proposed well from the two nearest unit boundary lines, if applicable, and from the nearest oil or gas wells on the same unit completed in or being drilled to the same reservoir.
[X] The location of the nearest structure with a water supply, or the nearest water well as shown on the IDWR registry of water rights or well log database.

Other Required Information

- [X] Estimated depth to the top of the important geologic markers
[X] Estimated depth to the top of the target formations.
[X] Information on the type of tools to be used.
[X] Proposed logging program.
[X] Proposed casing program, including size and weight of casing and the depth at which each casing type is to be set.
[X] Type and amount of cement to be used, and the intervals cemented.
[X] Information on the drilling plan (drill pad and rig set up, etc).
[X] Schematic diagram of the BOP and well head assemblies, including the minimum size and pressure rating of all components of the BOP and well head assemblies.
[X] Best management practices to be used for erosion and sediment control.
[X] Plan for interim reclamation of the drill site after the well is completed, and a plan for final reclamation of the drill site following plugging and abandonment of the well.

DEPT. OF LANDS
2016 JAN -7 AM 9:31
BOISE, IDAHO

CERTIFICATION: I, Shauna DeMattee the undersigned, state that I am the Regulatory Analyst/Consultant of Energy Summit Resources (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: 12/23/2015 Signature: Shauna DeMattee

NOTICE: Before submitting this form, be sure that you have given all information requested.

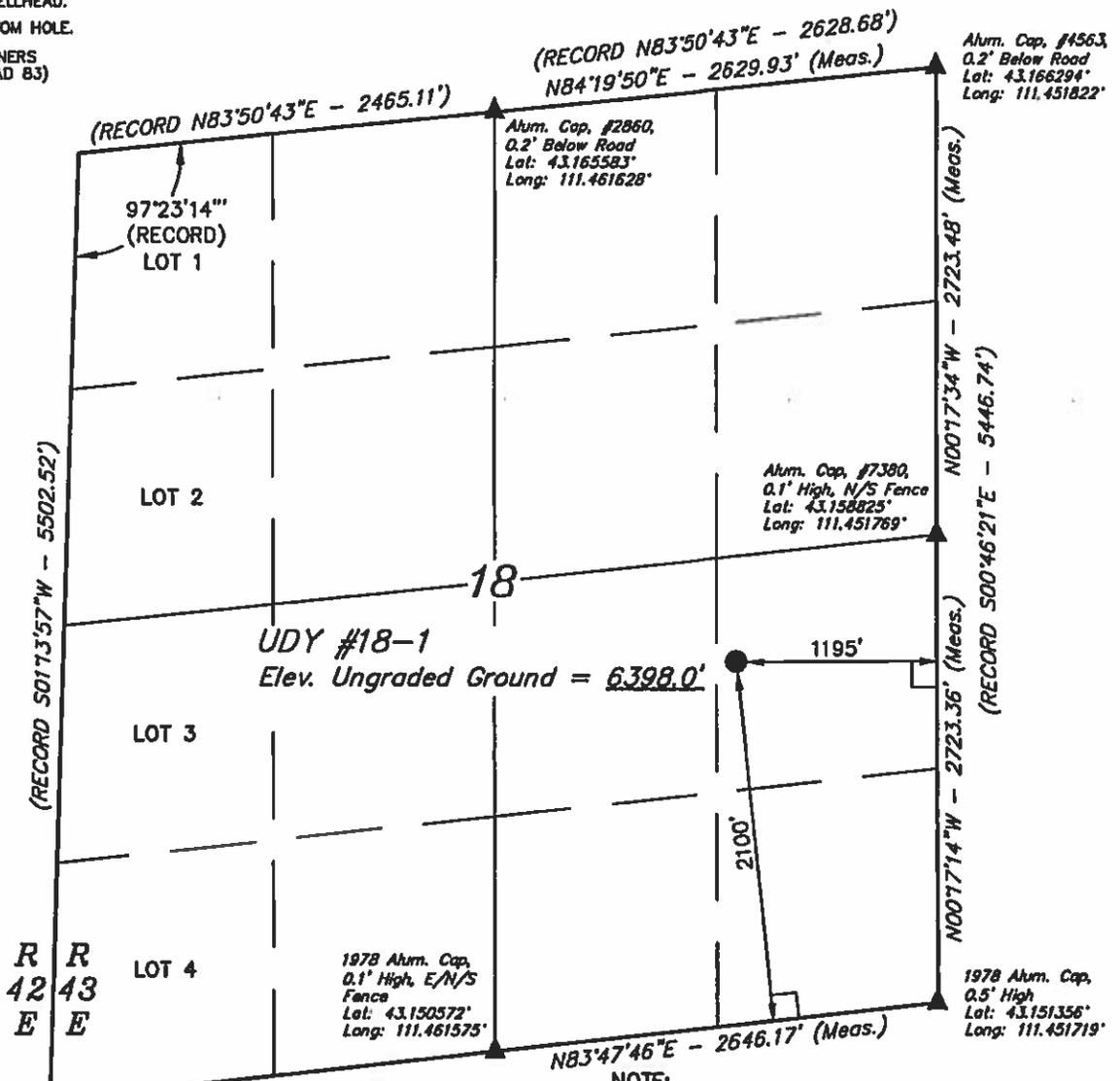
IDL Office Use Only: Approval Date: 3/16/16 Approved by: [Signature] Signature and Title Bureau Chief Approval Stamp

US Well Number: 11-019-20012 Operator Number (if known):

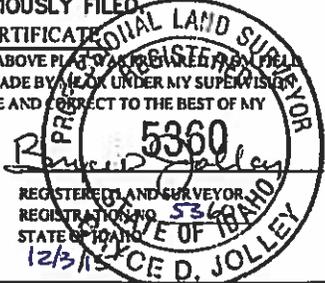
LEGEND:

- 90° SYMBOL
- - PROPOSED WELLHEAD.
- - TARGET BOTTOM HOLE.
- ▲ - SECTION CORNERS LOCATED. (NAD 83)

T3S, R43E, BOISE MERIDIAN



NOTE:
 RECORD BEARINGS & DISTANCES OBTAINED FROM CP&F RECORDS PREVIOUSLY FILED.
 CERTIFICATE OF REGISTRATION
 THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM THE NOTES OF ACTUAL SURVEYS MADE BY ME, UNDER MY SUPERVISION, AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



NAD 83 (SURFACE LOCATION)	
LATITUDE = 43°09'24.45" (43.156792)	
LONGITUDE = 111°27'22.44" (111.456233)	
NAD 27 (SURFACE LOCATION)	
LATITUDE = 43°09'24.74" (43.156872)	
LONGITUDE = 111°27'19.62" (111.455450)	

BASIS OF BEARINGS
 BASIS OF BEARINGS IS A G.P.S. OBSERVATION

BASIS OF ELEVATION
 BENCH MARK (645) LOCATED IN THE SE 1/4 OF SECTION 19, T3S, R43E, BOISE MERIDIAN, TAKEN FROM THE HERNAN, QUADRANGLE, IDAHO, BONNEVILLE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 691 FEET.



UELS, LLC
 Corporate Office * 85 South 200 East
 Vernal, UT 84078 * (435) 789-1017

ENERGY SUMMIT RESOURCES

UDY #18-1
N NE 1/4 SE 1/4, SECTION 18, T3S, R43E, BOISE MERIDIAN
BONNEVILLE COUNTY, IDAHO

SURVEYED BY: BART HUNTING, J.H.	DATE: 11-04-15
DRAWN BY: M.D.	DATE DRAWN: 11-09-15
SCALE: 1" = 1000'	REVISED: 11-17-15 M.D.

WELL LOCATION PLAT

OPRERATOR: ENERGY SUMMIT RESOURGES	DRILLING PROGNOSIS	BONNEVILLE GOUNTY, IDAHO
UDY #18-1		12/20/20/15

1. LOCATION AND DIRECTIONAL SUMMARY

SURFACE LOCATION	BOTTOM HOLE LOCATION	DISPLACEMENT	ELEVATIONS
2100'FSL, 1195 ' FEL	CONTROLLED		6411' KB
Sec. 18, T3S, R43E	VERTICAL WELL	NA	6398' GL

UDY #18-1 will be drilled as 7000' test. Surface casing will be 9 5/8" set in 12 1/4" hole at 2000' and cemented to surface. A steerable system will be run in both the surface and production hole sections to keep the well path vertical. The 5 1/2" production casing will be cemented in 8 3/4" hole at 7000' for production purposes.

2. GEOLOGIC DATA AND OBJECTIVES

FORMATION	DEPTH KB TVD	SUBSEA	POSSIBLE CONTENT
			Oil / Gas
RTD	7000'	-589'	

3. CASING SUMMARY

INTERVAL	PURPOSE	HOLE SIZE	SIZE	WT	GRADE	THREAD
0'-60'	Conductor	20"	16"	0.25 Wall	---	PE
0'-2000'	Surface	12-1/4"	9-5/8"	36#	J-55	STC
0'-7000'	Production	8 3/4"	5-1/2"	17#	P-110	LTC

Casing ratings, anticipated loads, and safety factors are listed in the attached "Casing Design Table".

4. SUMMARY OF DRILLING HAZARDS

Lost circulation is possible in all hole intervals due to fracturing and faulting. Diligent directional control of the well path will be necessary to keep the well vertical. Sloughing shale and unstable formations have caused stuck drill pipe in this area. All formations encountered are anticipated to be normally pressured, no H2S is expected.

5. MUD PROGRAM

FROM	TO	TYPE MUD	WEIGHT	FLUID LOSS
0'	2,000'	Spud	8.6-9.0	N/C
2000'	7000'	LSND/Polymer	8.8-9.5	Less than 6

This well will be drilled utilizing a “closed loop” system – no reserve pit will be used. All drill cuttings will be stockpiled on location and then properly disposed of. All remaining fluids will be utilized for completion operations or hauled to a permitted disposal facility.

While drilling the surface hole, pump gel/lime sweeps to clean the hole.

Conventional water based LSND/PHPA polymer mud will be used for the surface and production hole intervals. Maximum anticipated bottom hole temperature is 250° F. Maximum anticipated bottom hole pressure is 3031 psi.

6. EVALUATION PROGRAM

Unless otherwise directed by the company representative and/or onsite geologist, samples should be collected, dried and bagged in 30' intervals from below surface casing to 7,000'.

Wireline electric logs of the well will be run, logging suite will be a triple combo + dipole sonic.

7. CEMENTING PROGRAM

9-5/8" Surface Casing

Casing equipment will include a float shoe, float collar and bow spring centralizers (bottom three joints and every third joint to surface). Tack weld, strap, or Baker-lock both ends of the bottom two casing collars and float shoe.

Lower the casing slowly to avoid excessive surge pressure. Monitor mud volumes throughout the job. Pump cement through the shoe at greater than 5 BPM.

This cementing program may be altered if dictated by the availability of additional data prior to the job.

SPACER	40 bbls of water
LEAD SLURRY TYPE:	SLB Conventional with .25 pps cellophane flakes
SLURRY WEIGHT	12.5 ppg
YIELD	2.11 cu ft/sk
MIX WATER	12.11 gps
CEMENT REQUIRED	509 sx (gauge hole + 100%)

TOP OF CEMENT	Surface (1500' of fill)
TAIL SLURRY TYPE:	SLB Conventional with .25 pps cellophane flakes
SLURRY WEIGHT	13.5 ppg
YIELD	1.42 cu ft/sk
MIX WATER	6.99 gps
CEMENT REQUIRED	157 sx (gauge hole + 100% + shoe joint)
TOP OF CEMENT	1500' (500' of fill)

Note: 1.) Perform a 1" top job using a 15.8 ppg slurry formulation if the cement falls in the annulus.

2.) Wait on cement time will be a minimum of 8 hours prior to drilling out of casing.

5-1/2" Production Casing

Casing equipment will include a float shoe, 2 shoe joints, a float collar, and bow spring centralizers. Place one bow spring on the bottom five joints, one per joint through all potential pay intervals, then every 5th joint to 5000'.

This cement program may be altered if dictated by the availability of additional data prior to the job.

SPACER	20 bbls water spacer
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TAIL SLURRY TYPE	SLB Conventional
SLURRY WEIGHT	14.5 ppg
YIELD	1.37 cu ft/sk
MIX WATER	5.66 gps
CEMENT REQUIRED	489 sx (caliper volume + 30% + shoe joint)
TOP OF CEMENT	5000' (2000' of fill)

8. WELLHEAD EQUIPMENT

"A" Section

C-22 11" x 9-5/8" 5M SOW with two 2-1/16" FE 5M Gate Valves
 Slips: C-22 9-5/8" x 5 1/2"

9. WELL CONTROL

Note: The Drilling Contractors 5000 psi BOP stack will be utilized for the production hole interval. Below the 9-5/8" surface casing, arrange the well control system as shown on the attached Well Control Schematic. All equipment exposed to wellbore pressure will be rated at 5,000 psi or greater. The equipment will meet or exceed, and be tested, per API Guidelines and/or governmental requirements for 5,000 psi systems. The BOP and manifold arrangement and rates will be as shown in the attached diagrams.

Test pressures are as follows:

ITEM	LOW PRESSURE TEST	HIGH PRESSURE TEST
Annular	500 psi for 5 min.	2500 psi for 10 min.
Pipe Rams (against plug)	500 psi for 5 min.	5000 psi for 10 min.
Blind Rams (against plug)	500 psi for 5 min.	5000 psi for 10 min.
Casing	none required	1500 psi for 30 min.

24 hours prior notice of the BOP test will be given to the Idaho Department of Lands in order to have a state representative on location to witness the pressure testing. An affidavit will be prepared and filed that attests to the successful testing of the BOP equipment.

A 3rd party BOP tester will be used for the initial BOP test; all test results will be properly charted and documented. Drill string safety valves for all drillstring tubulars will be maintained on the floor at all times. The BOP will be function tested on trips. Regular drills will be conducted with all crews for proper well control procedures and response. The BOP will be retested at 30day intervals if drilling operations continue for this time period.

PVT equipment will be utilized during all drilling operations. Mud volumes will be carefully monitored on all trips.

Well control drills will be regularly conducted while both tripping and drilling.

10.) This Drilling Program prepared by:

Jerry W. Collins
Licensed Registered Petroleum Engineer
405 802 6533

Collins Consulting and Engineering LLC
21211 North Three Creeks Drive
Edmond, Oklahoma 73012

CASING DESIGN TABLE

ESR UDY 18-1

Bonneville Co., Idaho

HOLE SIZE	SET To	CMT TOP	CASING SIZE	DRIFT	GRADE	WEIGHT LB/FT	CONN.	TENSION (1000 LBS.)			COLLAPSE (PSI)			BURST (PSI)		
								RATING	LOAD	S.F.	RATING	LOAD	S.F.	RATING	LOAD	S.F.

SURFACE CASING

12 1/4"	2000'	Surf	9 5/8"	8.921	J55	36	STC	394	172	2.29	2,020	1144	1.77	3,520	1048	3.36
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PRODUCTION CASING

8 3/4"	7000'	5000'	5 1/2"	4.653	P110	17	LTC	445	119	3.74	7,460	4004	1.86	10,640	7000	1.52
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SURFACE CASING NOTES:

BURST DESIGN is based on a 12 ppg fracture gradient at the shoe and a gas gradient of .1 psi/ft.

COLLAPSE DESIGN is based on 11 ppg mud in the annulus and evacuated casing.

TENSION DESIGN is based on air weight with 100,000# overpull requirement.

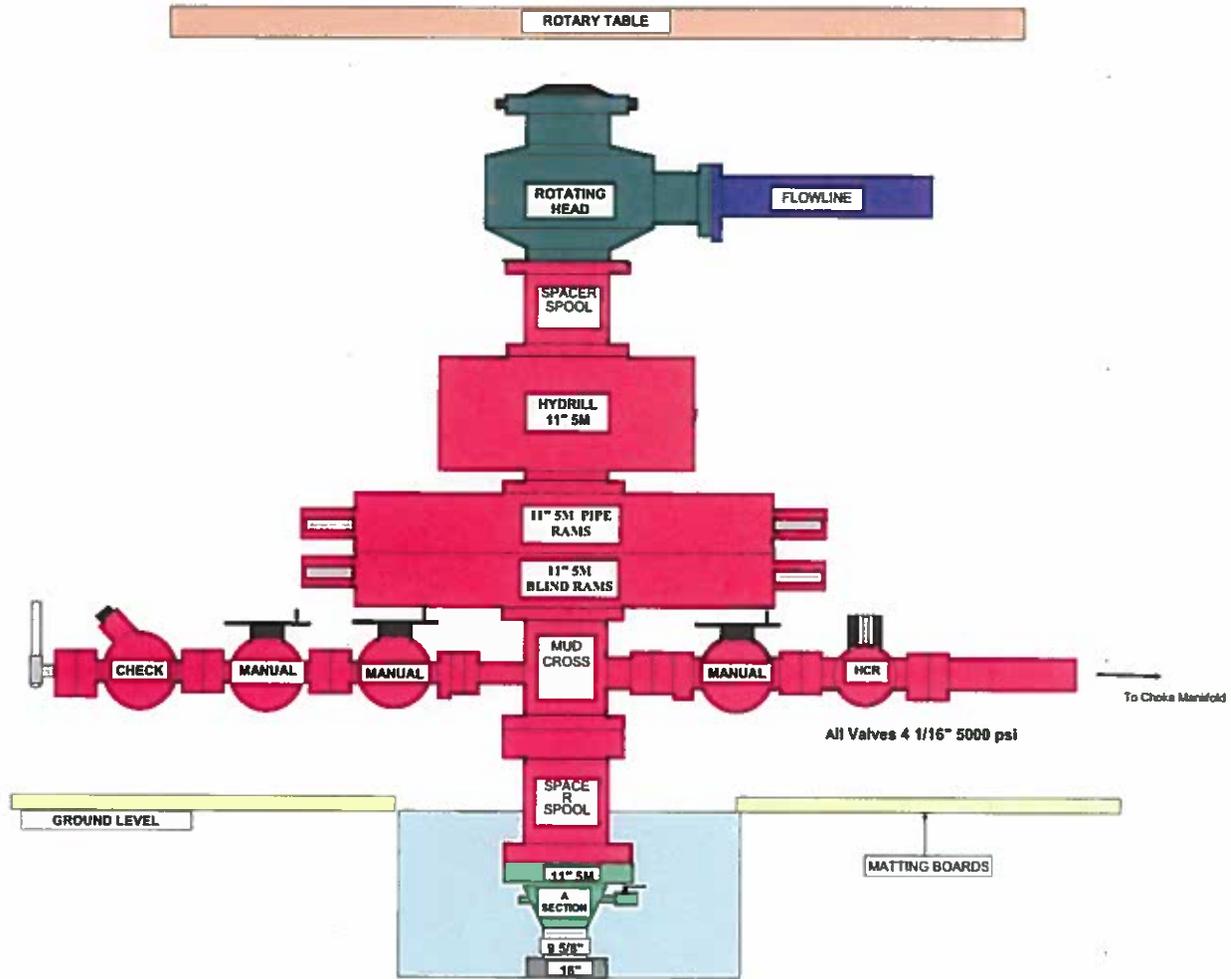
PRODUCTION CASING NOTES:

BURST DESIGN is based on a maximum surface treating pressure of 7000 psi with water gradient backup downhole.

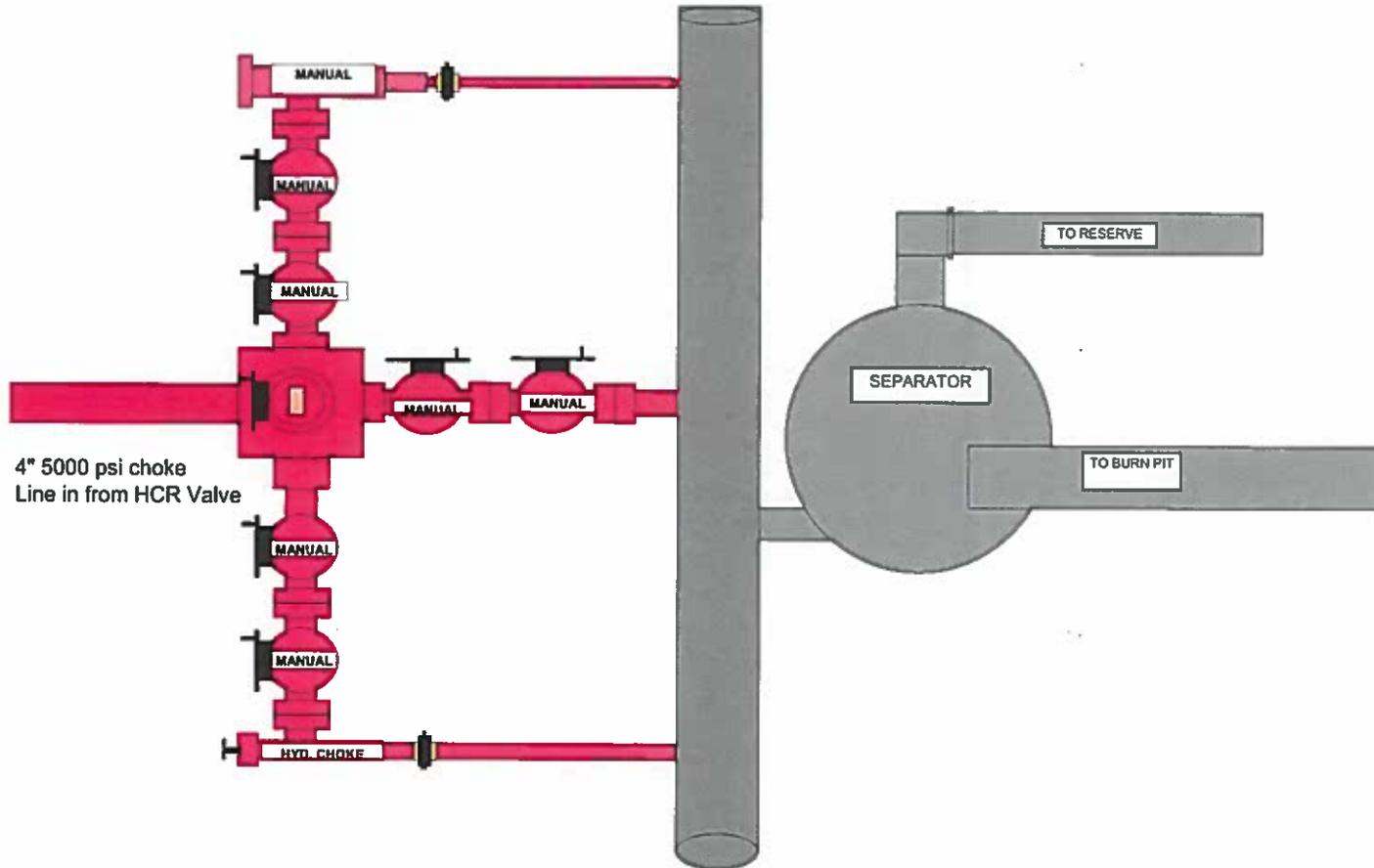
COLLAPSE DESIGN is based on 11 ppg mud in the annulus and evacuated casing.

TENSION DESIGN is based on air weight.

ENERGY SUMMIT RESOURCES
UDY 18-1
5000 psi BOP Stack



**ESR UDY 18-1
Choke Manifold
All Manifold Components Rated to 5000 psi**



3" Minimum ID on all Discharge lines from choke manifold

Energy Summit Resources - Exception to Location of Well

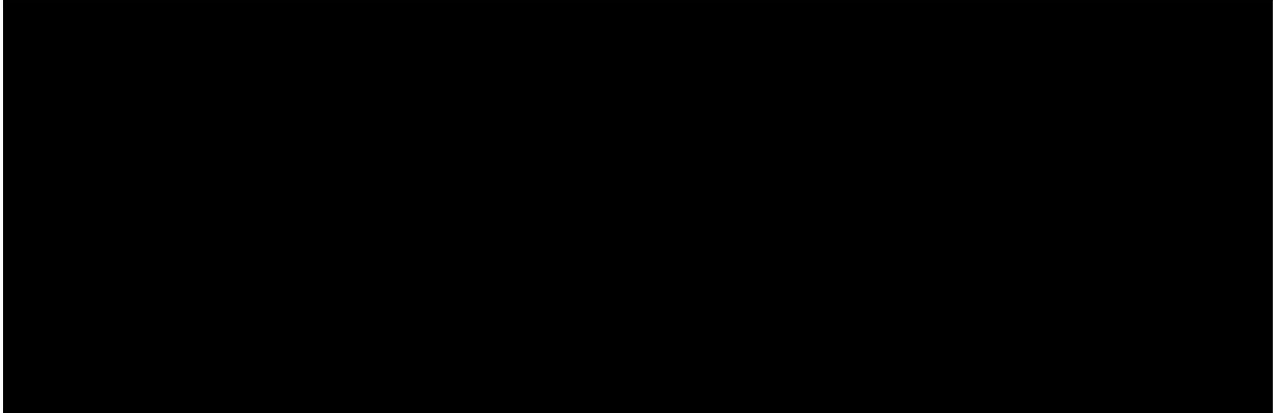
Well Name: UDY #18-1

Location: NESE of Section 18, T3S, R43E, Bonneville, Idaho

Per Idaho Administrative Code (Section 120.04), Energy Summit Resources is proposing a location exception for their proposed Udy 18-1 well. The precise locations of the proposed well has been chosen to obtain the best possible results based on seismic and proprietary technology data available. The well lies within the Udy property and the operator has a surface use agreement with Udy Cattle Company.

Mineral Lease: Section 18, T3S, R43E, Bonneville, Idaho: The operator is leasing all drilling units directly or diagonally offsetting the drilling unit for which an exception is being requested. (See enclosed mineral lease map).

Seismic Data CONFIDENTIAL: Energy Summit Resources requests all seismic data included in this application to be kept confidential.

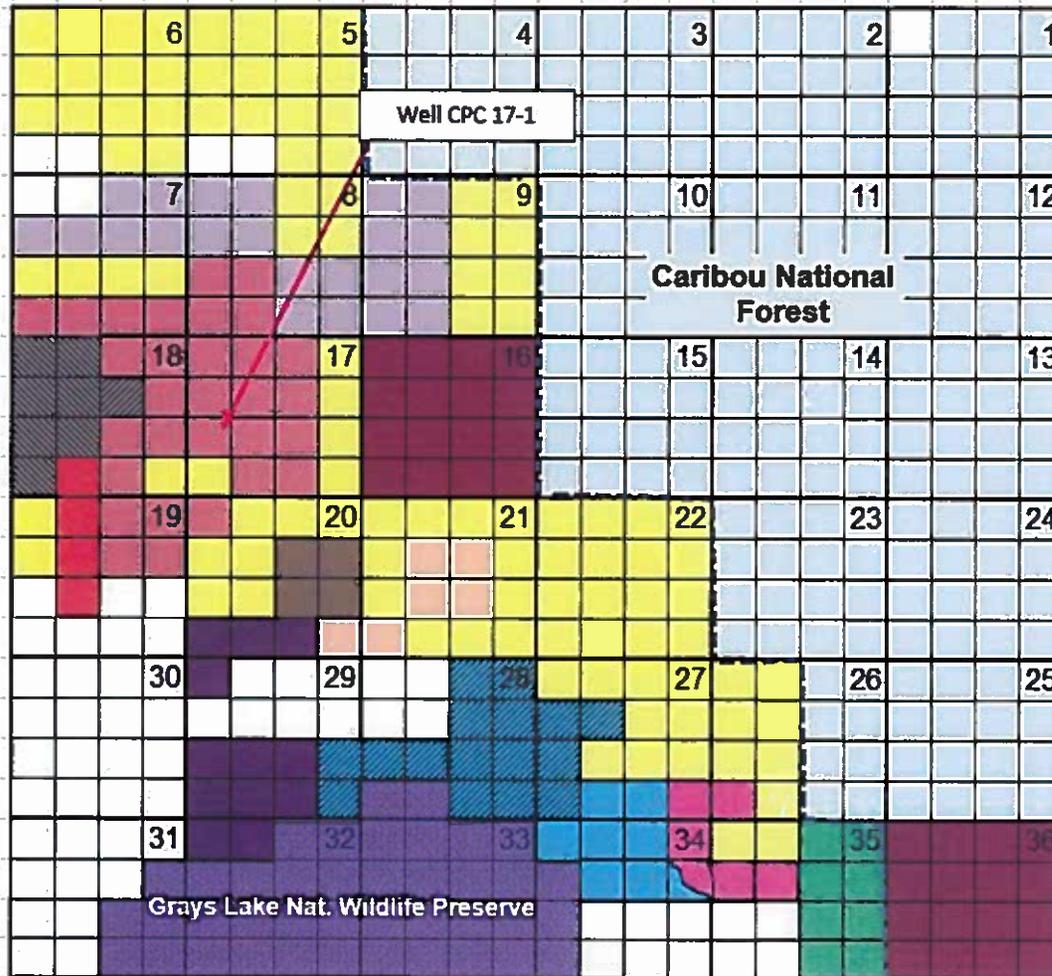


Township 3 South, Range 43 East, Boise Meridian

CPC Mineral LLC Mineral Lease Map

Bonneville County, ID

November 1, 2015



Legend of Mineral Owners

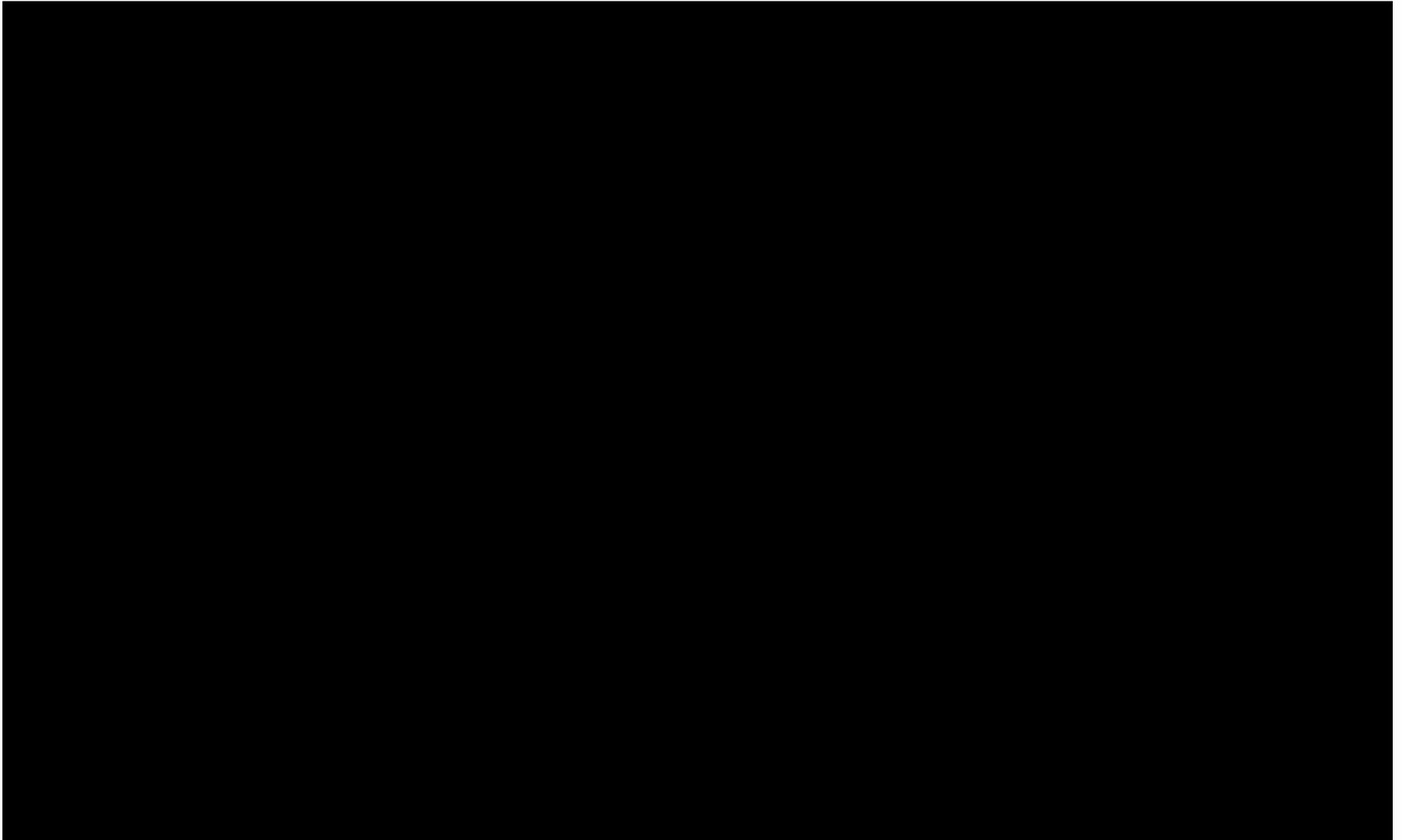
(Based on Title Search)

- Clegg
- ** Arthur & Vinnie Bell Heirs
- LL 61 % E & R 39%
- Lombard L&L
- ** Gary Mann 1/2 Slemaker 1/2
- ** Matt Delbert Mann
- Herman , LLC no private lease
- ** B Gardner 1/2 Udy 1/2
- Caribou National Forest no leases
- Grays Lake Nat. Wildlife Preserve
- ??????????????????
- ** BLM
- ** State
- Fish and Wild Life (FWL)
- ** B Gardner 1/2 Zane Mann 1/2
- Logston, Morris, EP Ranch private min
- ** 1/3 Private mineral-Collins-Riley/FSW

Note: All areas indicated ** (8,001 acres) are under lease to CPC Mineral LLC (CPC). One previous well was drilled in the area (CPC 17 -1) in 2007 by CPC

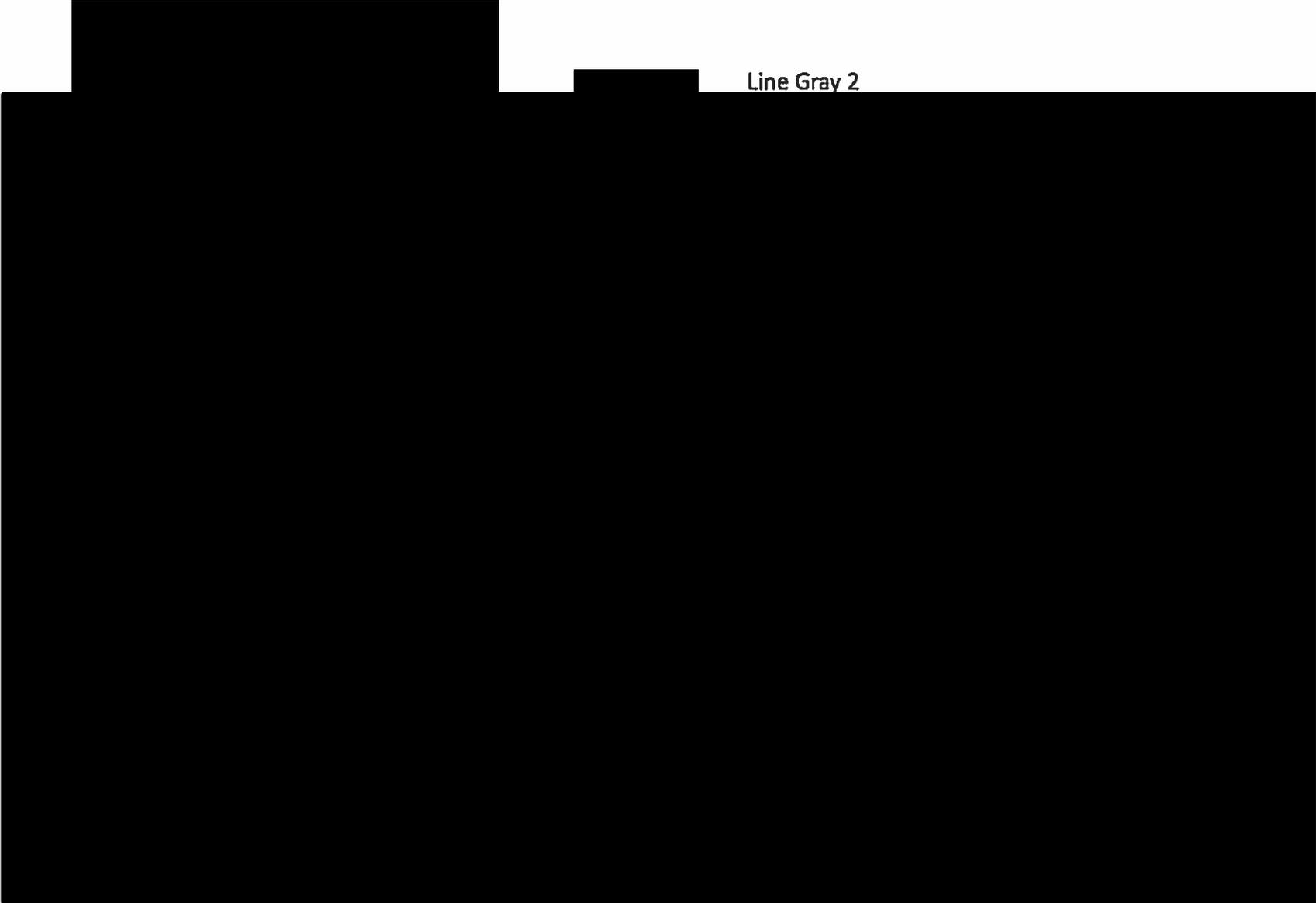
CONFIDENTIAL

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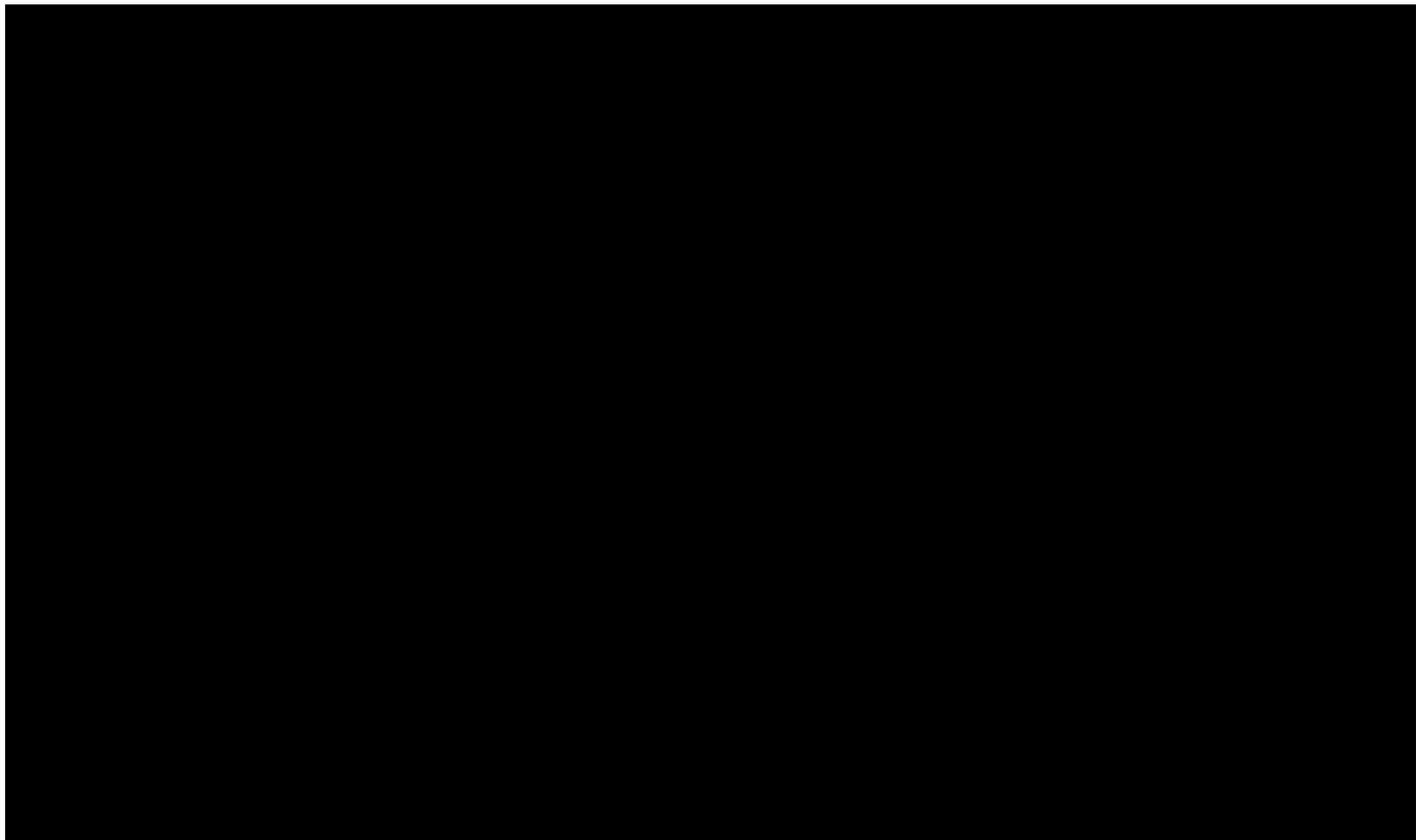


CONFIDENTIAL

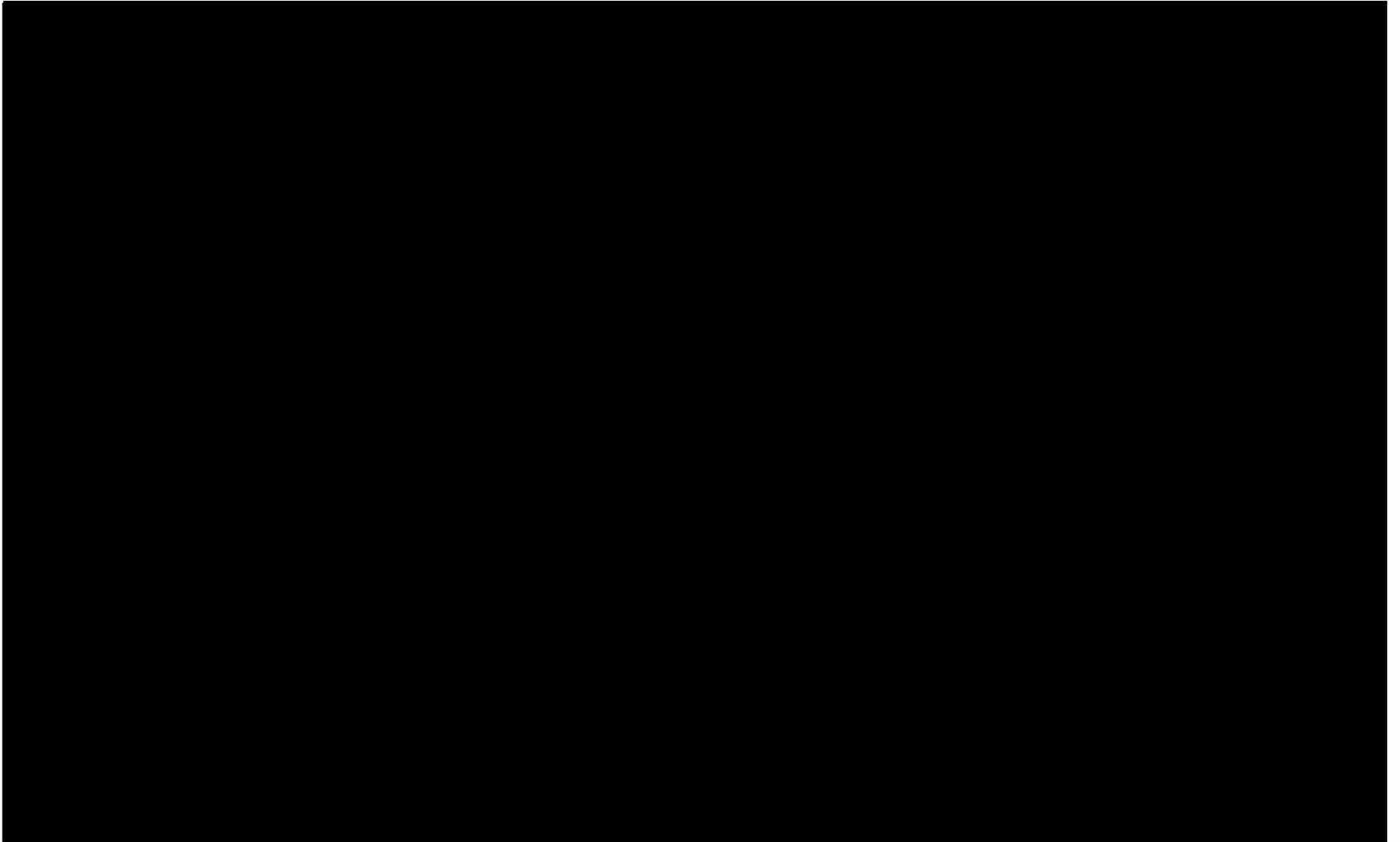
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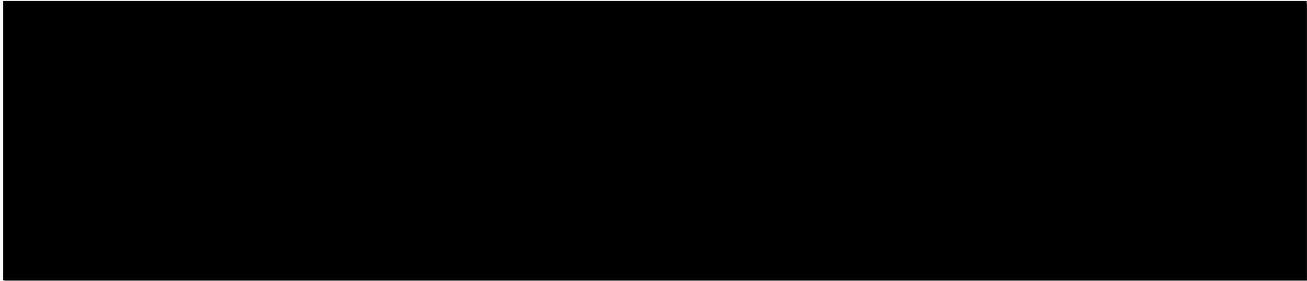


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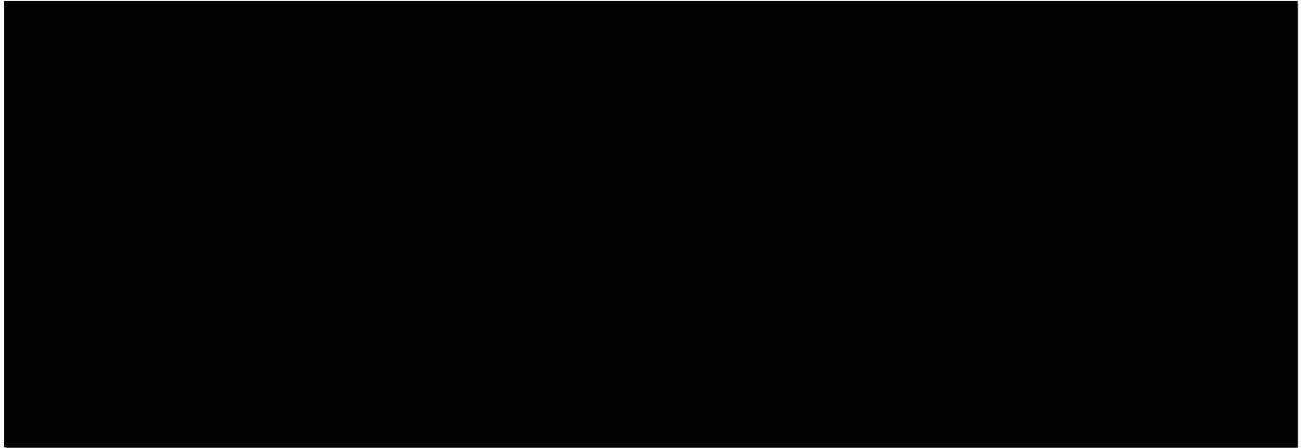


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Conclusions



David R. Keller
AAPG Certified Petroleum Geologist

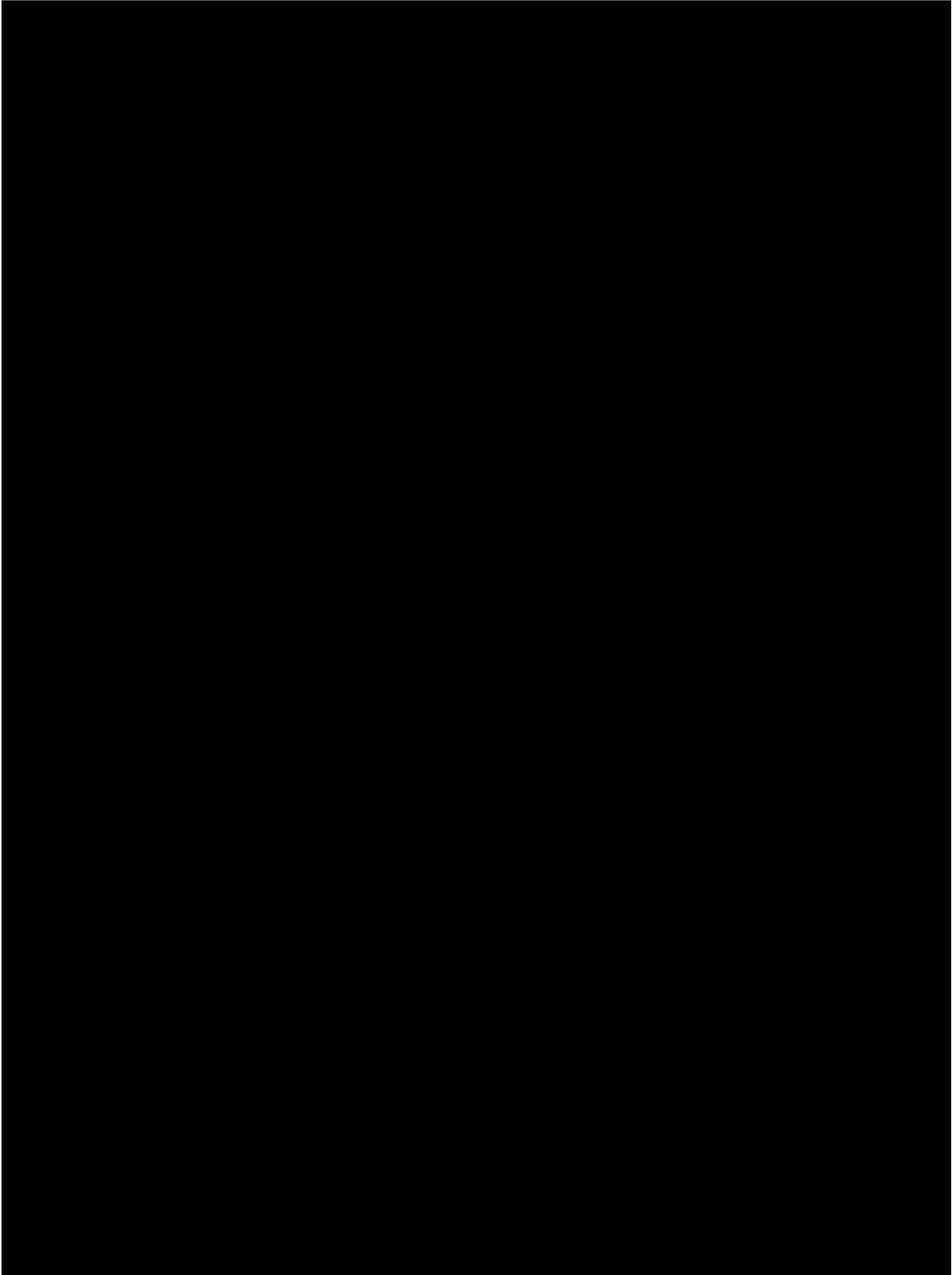
CONFIDENTIAL

CPC MINERAL LLC
West Fold Well Layout Topo

Confidential

October 14, 2015

Bonneville County, Township 3 S, Range 43 E, BM



EROSION AND SEDIMENT CONTROL BMPS

X.1 Minimize Disturbed Area and Protect Natural Features and Soil

Excavated soils will be utilized to support site grading at or near their original locations. A soils investigation shows that 1-3 feet of topsoil is present over the majority of areas in which construction activities will be performed. The near surface soils at the site are dry, largely consisting of silty fine sand with clay or clayey sand. Because of generally good vegetative cover at the site, the wind erosion potential of the onsite topsoil is low. Moreover, because of the gentle-sloping topography at the site, the water erosion potential of the onsite topsoil is also low. During construction, routes of travel will be established to limit vehicle and equipment disturbance of soils. The following paragraphs provide additional detail to the means that will be used for specific aspects of construction at the site.

SITE PREPARATION AND ROAD CONSTRUCTION: Site access roads and maintenance roads will be constructed at/near existing grade as much as possible. Subgrade preparation for road construction will consist of clearing/grubbing near surface vegetation (mainly comprised of grasses/brush) and compaction of exposed native soils prior to pavement of gravel. This area will be cleared and grubbed first and then approximately 4 inches of soil will be bladed uniformly across the area. After spreading, the area will be minimally compacted (80% to 90% modified proctor maximum density, ASTM D1557). Exposed native soils will be kept moist by applying water or other stabilization practices to guard against dust generation.

X.2 Phase Construction Activity

Phase I- SITE PREPARATION

- Clearing and grubbing of existing vegetation in work areas
- Grading and compaction of pad
- Construction of drainage system
- Spreading and compacting extra soil over un-used area within the project boundaries
- Duration of phase: TBD
- Start Date: TBD

X.3 Control Storm water Flowing onto and through the Project

<i>BMP Description:</i> Divert natural drainage around or through working areas, particularly pad and roads; Armor concentrated flow areas and install hay bales as necessary to reduce flow rates and sediment transport.	
<i>Installation Schedule:</i>	Construct in conjunction with first vertical lifts
<i>Maintenance and Inspection:</i>	Inspect every 14 calendar days and within 24 hours after significant storm event (0.5 inches or greater) during construction. See Section 5.
<i>Responsible Staff:</i>	Construction manager or delegate of manager

X.4 Stabilize Soils

As a temporary soil stability measure, exposed native soils resulting from surface disturbance will be kept moist by applying water or other stabilization practices. Permanent soil stabilization will be accomplished through re-vegetation generally performed in fall.

<i>BMP Description: Interim Seeding</i>	
<input checked="" type="checkbox"/> <i>Permanent</i> <input type="checkbox"/> <i>Temporary</i>	
<i>Installation Schedule:</i>	Perform annually (fall) to areas disturbed during previous 12 months.
<i>Maintenance and Inspection:</i>	14 calendar days and within 24 hour after a rain event.
<i>Responsible Staff:</i>	Construction manager or delegate of manager

<i>BMP Description: Traffic Control</i>	
<input checked="" type="checkbox"/> <i>Permanent</i> <input type="checkbox"/> <i>Temporary</i>	
<i>Installation Schedule:</i>	Stabilize access points to be constructed establish traffic patterns and routes to limit disturbance of soils to approved roadways.
<i>Maintenance and Inspection:</i>	Continuous during construction and operation of facility
<i>Responsible Staff:</i>	Construction manager or delegate of manager

X.5 Protect Slopes

Naturally, the site is generally flat. There are no steep slopes at the site or adjacent areas. However, if construction of retention ponds and drainage swales occurs the slopes will be as follows, 33% (3:1) to 17% (6:1) side slopes will be created associated with the pad. Temporary slope protection for these will be achieved through the use of chemical dust suppressants or straw bales. Transportation of fine sediment will be limited through the use of silt fencing where necessary, and/or applying water or other stabilization practices when necessary. Even without any BMPs, no sediment would migrate offsite during any 1/2" per hour precipitation event due to the relatively flat nature of the site. Permanent slope protection will be accomplished through re-vegetation generally performed in the fall.

<i>BMP Description:</i> Establish vegetation on slopes, seeding will only be successful if performed in the fall. Native seed mix will be used.	
<i>Installation Schedule:</i>	Annually – fall
<i>Maintenance and Inspection:</i>	monthly after seeding
<i>Responsible Staff:</i>	Construction manager or delegate of manager

BMP Description: Utilize roads as drainage breaks, construct ditches to carry concentrated flows to retention ponds.

Installation Schedule:	Construct during site preparation
Maintenance and Inspection:	Inspect every 14 calendar days and within 24 hours after significant storm event (0.5 inches or greater) during construction. See Section 5.
Responsible Staff:	Construction manager or delegate of manager

BMP Description: Straw bales on slopes to retard surface flows, capture sediment

Installation Schedule:	Construct as necessary during earthwork
Maintenance and Inspection:	Inspect every 14 calendar days and within 24 hours after significant storm event (0.5 inches or greater) during construction. See Section 5.
Responsible Staff:	Construction manager or delegate of manager

X.6 Protect Storm Drain Inlets

Going to the location of the site, there are no constructed storm drains in the area. Surface flows from the site will be transmitted into existing drainages. Silt fencing and straw bales will be used in constructed channels when necessary.

X.7 Establish Perimeter Controls and Sediment Barriers

BMP Description: Place series of straw bales in channels leading to site water exits, place bales as needed to control sediment transport.

Installation Schedule:	Prior to construction, during construction and after construction as needed.
Maintenance and Inspection:	Inspect every 14 calendar days and within 24 hours after significant storm event (0.5 inches or greater) during construction. See Section 5.
Responsible Staff:	Construction manager or delegate of manager

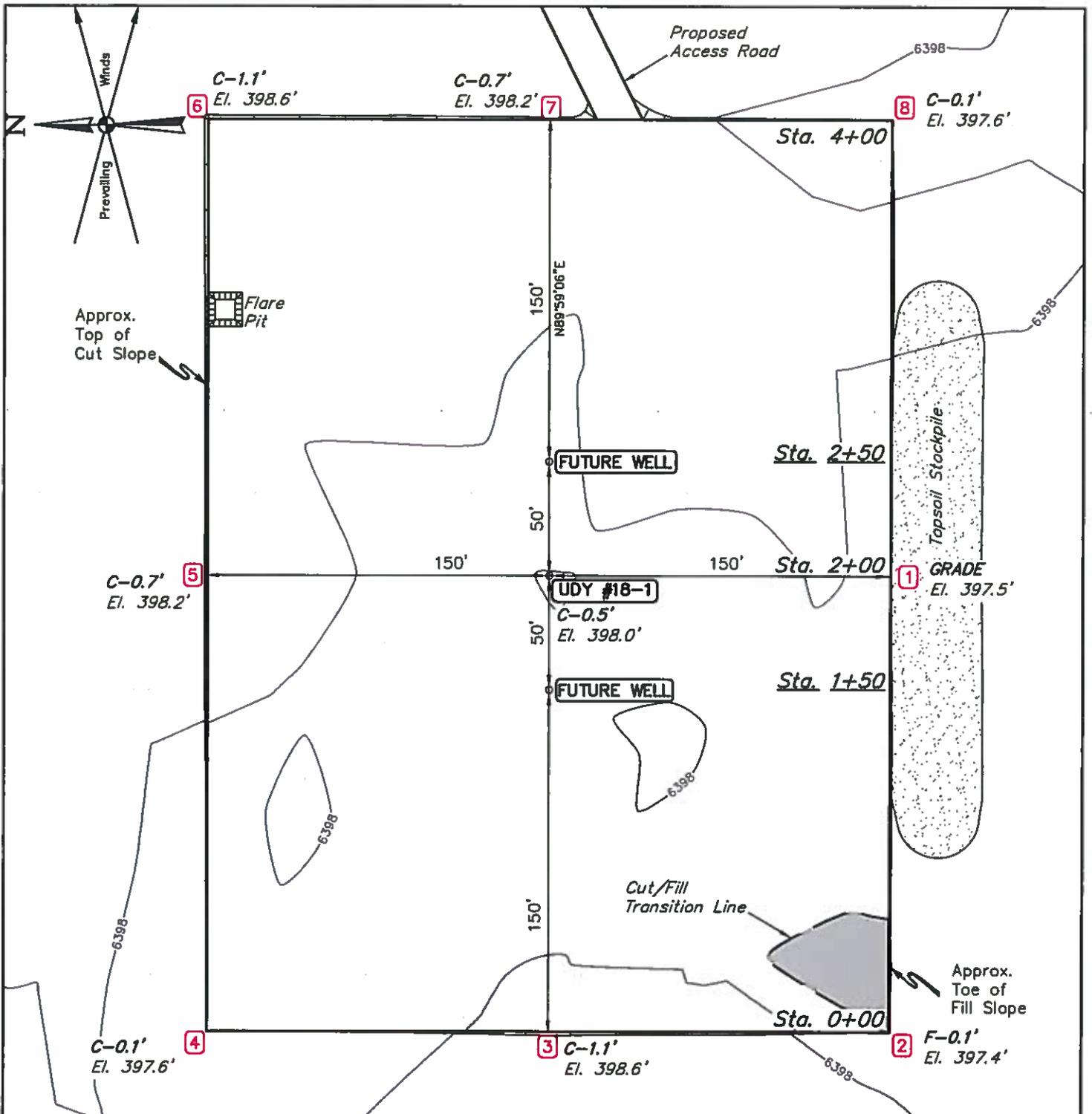
X.8 Retain Sediment Onsite

The total disturbed area of the project (including road construction) is approximately 4 acres. Relatively flat drainage paths will limit flow velocities and generation of sediment by overland flows. Loose soils from construction will be temporarily stabilized using straw bales when necessary. Silt fencing will be used to limit transport of sediment from construction areas to offsite drainages when necessary. Straw bales will be placed periodically within drainage paths perpendicular to the direction of flow as additional means to retard flow and allow for deposition of sediment onsite when necessary.

X.9 Activity Schedule

To be determined in the future once construction schedule for the project has been finalized. At that time the activity schedule can be provided.





HE
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FINISHED GRADE ELEVATION = 6397.5'

- NOTES:**
- Flare pit is to be located a min. of 100' from the wellhead.
 - Round corners at 35' radius or as needed.
 - Construct diversion ditches as needed.
 - Contours shown at 2' intervals.

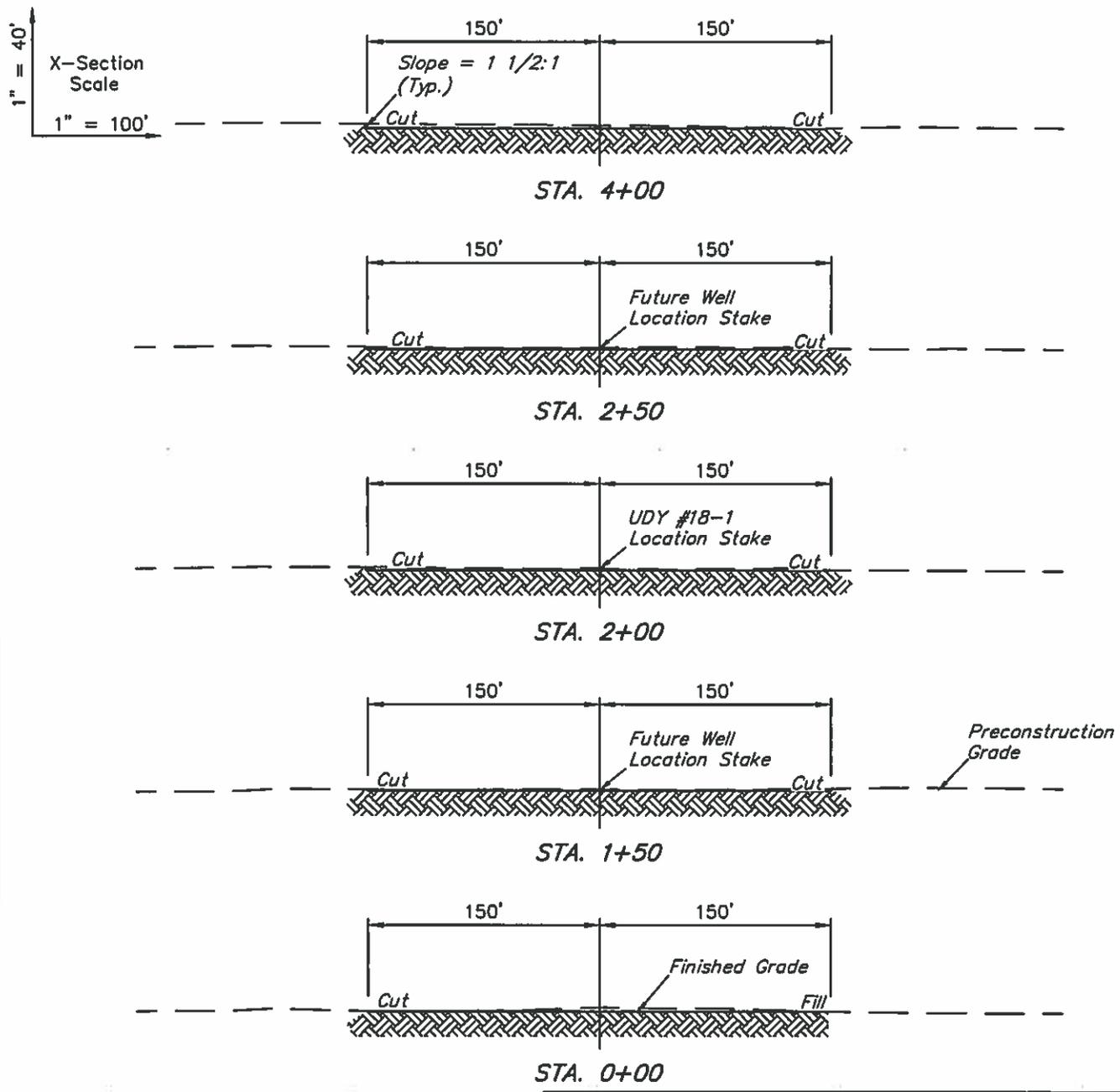
ENERGY SUMMIT RESOURCES

UDY #18-1
NE 1/4 SE 1/4, SECTION 18, T3S, R43E, BOISE MERIDIAN
BONNEVILLE COUNTY, IDAHO



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DRAWN BY: M.D.	DATE DRAWN: 11-09-15
SCALE: 1" = 60'	REVISED: 12-16-15 M.D.
LOCATION LAYOUT	FIGURE #1



APPROXIMATE EARTHWORK QUANTITIES	
(6") TOPSOIL STRIPPING	2,240 Cu. Yds.
REMAINING LOCATION	400 Cu. Yds.
TOTAL CUT	2,640 Cu. Yds.
FILL	400 Cu. Yds.
EXCESS MATERIAL	2,240 Cu. Yds.
TOPSOIL	2,240 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	0 Cu. Yds.

APPROXIMATE SURFACE DISTURBANCE AREAS		
	DISTANCE	ACRES
WELL SITE DISTURBANCE	NA	±3.003
30' WIDE ACCESS ROAD R-O-W DISTURBANCE	±1,084'	±0.747
TOTAL SURFACE USE AREA		±3.750

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- NOTES:**
- Fill quantity includes 5% for compaction.
 - Calculations based on 6" of topsoil stripping.

ENERGY SUMMIT RESOURCES

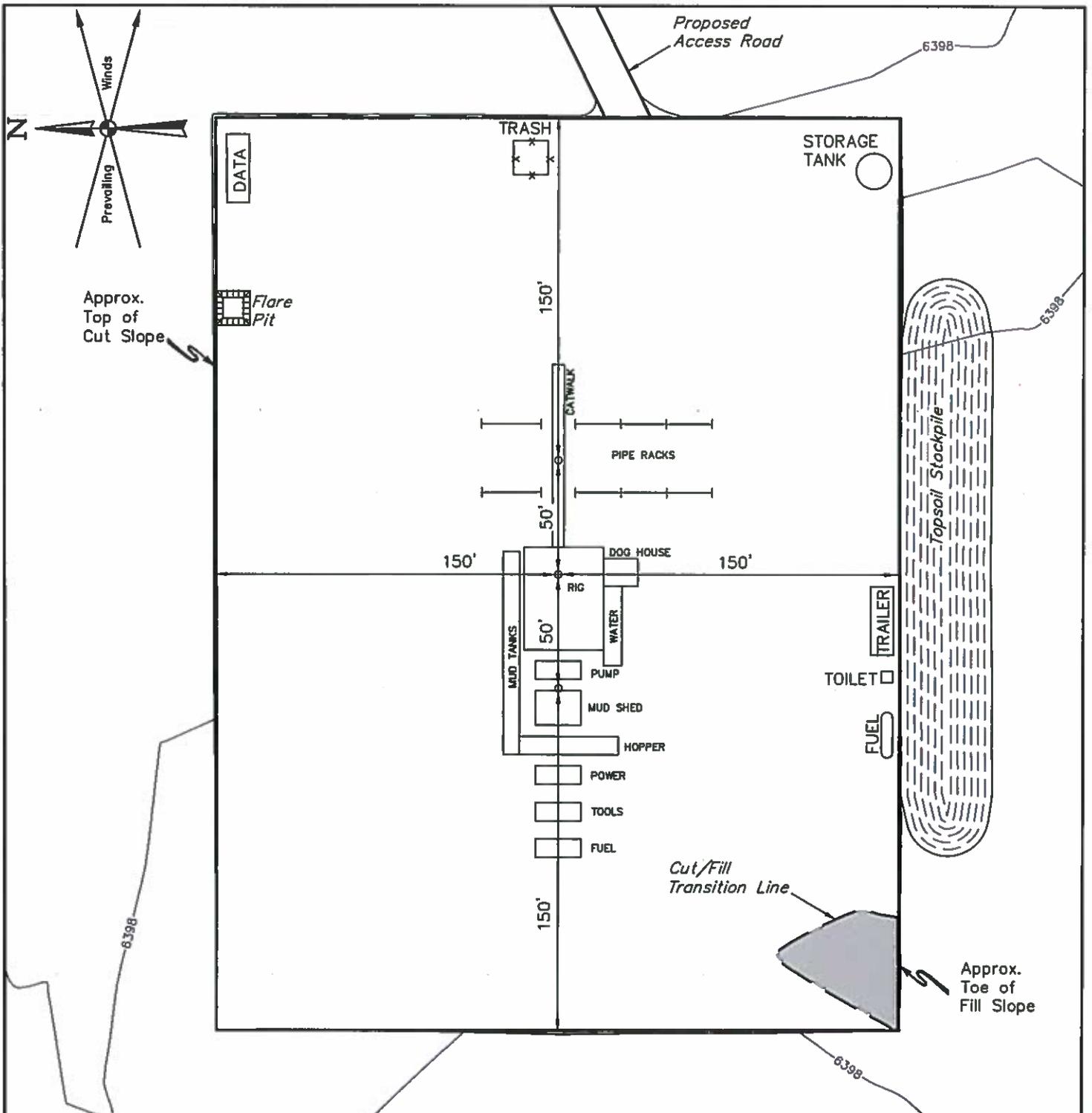
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DRAWN BY: M.D.	DATE DRAWN: 11-09-15
SCALE: AS SHOWN	REVISED: 12-16-15 M.D.

TYPICAL CROSS SECTIONS FIGURE #2




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NOTES:

- Flare pit is to be located a min. of 100' from the wellhead.
- Contours shown at 2' intervals.

ENERGY SUMMIT RESOURCES

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TYPICAL RIG LAYOUT

FIGURE #3



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PROCEED IN A NORTHERLY, THEN NORTHEASTERLY, THEN NORTHERLY, THEN NORTHWESTERLY, THEN WESTERLY DIRECTION FROM GRAY, IDAHO ALONG GRAYS LAKE ROAD APPROXIMATELY 8.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN RIGHT AND PROCEED IN A NORTHERLY DIRECTION APPROXIMATELY 1.1 MILES TO THE BEGINNING OF THE PROPOSED ACCESS ROAD TO THE WEST; FOLLOW ROAD FLAGS IN A WESTERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 1,084' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM GRAY, IDAHO TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 10.2 MILES.

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DRAWN BY: R.C.	DATE DRAWN: 11-06-15
	REVISED: 11-17-15

ROAD DESCRIPTION

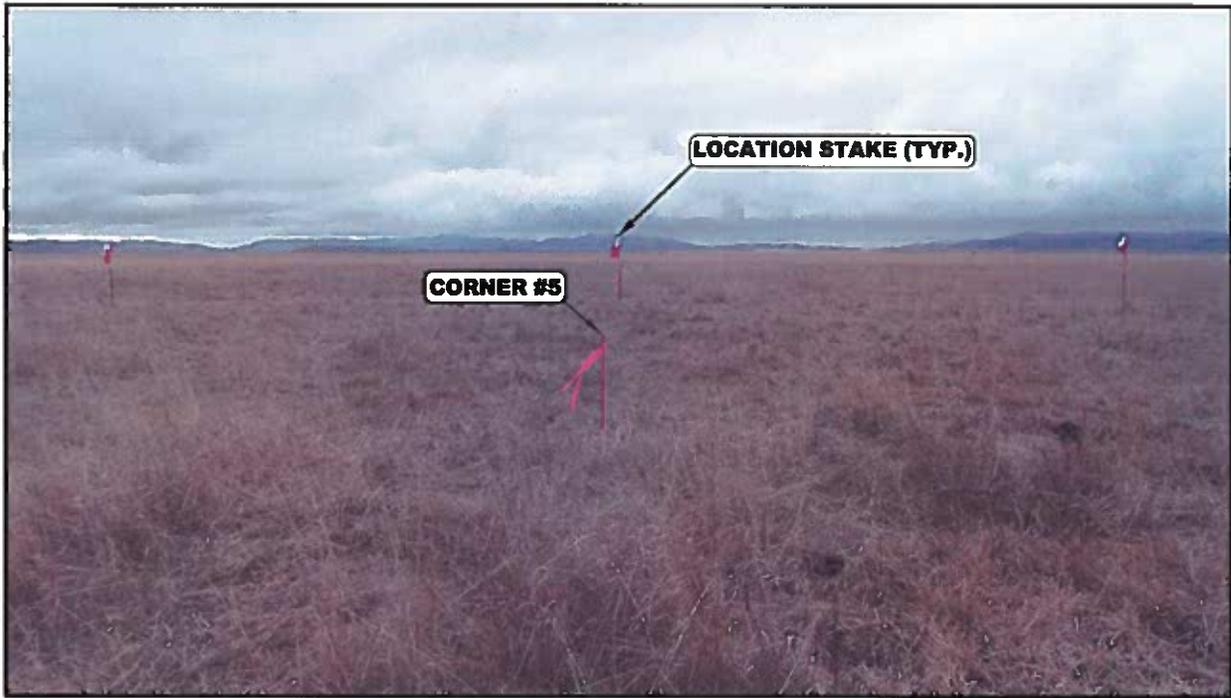


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKES

CAMERA ANGLE: SOUTHERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: WESTERLY

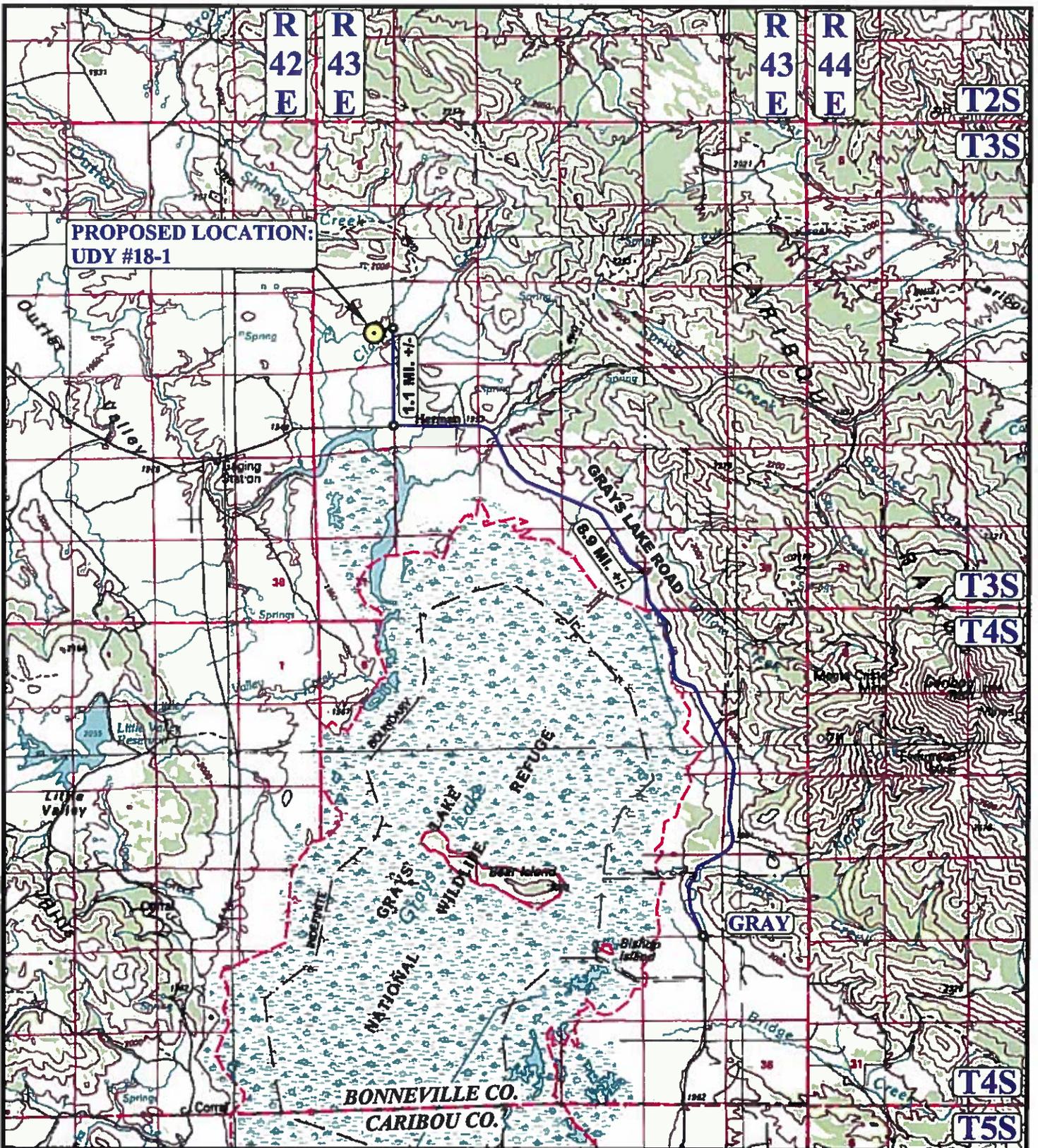
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TAKEN BY: B.H.	REVISED: 11-17-15
LOCATION PHOTOS	PHOTO



**PROPOSED LOCATION:
UDY #18-1**

1.1 MI. +/-

6.9 MI. +/-

LEGEND:

 **PROPOSED LOCATION**

ENERGY SUMMIT RESOURCES

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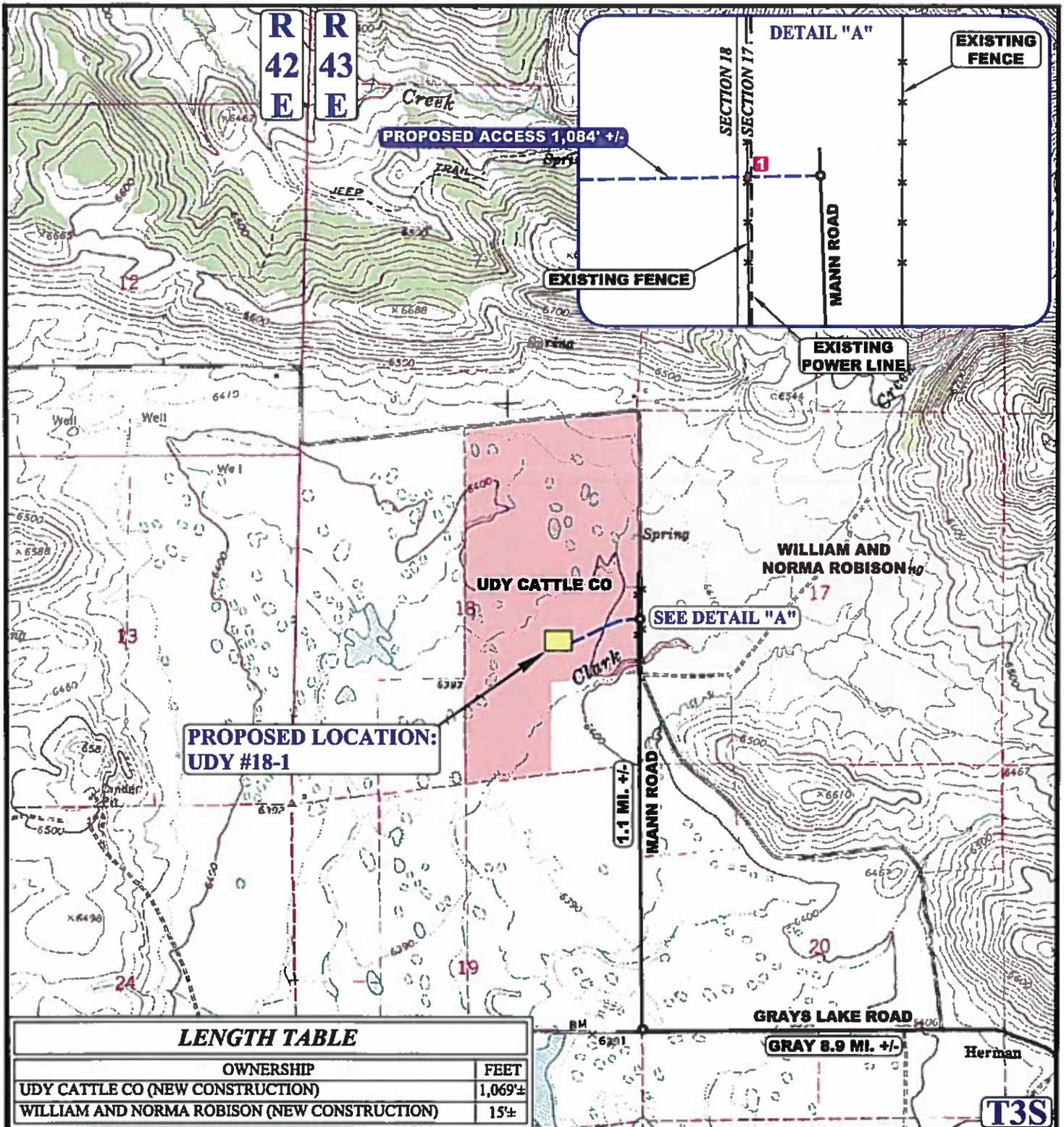
ACCESS ROAD MAP

TOPO A



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MAPLE LEAVY INCORPORATED, INC.
ONE AND FIFTEEN CENTRAL AVENUE, VERNAL, UT 84078



NOTE: PARCEL DATA SHOWN HAS BEEN OBTAINED FROM VARIOUS SOURCES AND SHOULD BE USED FOR MAPPING, GRAPHIC AND PLANNING PURPOSES ONLY. NO WARRANTY IS MADE BY UINTAH ENGINEERING AND LAND SURVEYING (UELS) FOR ACCURACY OF THE PARCEL DATA.

LEGEND:

- EXISTING ROAD
- - - PROPOSED ROAD
- x - x - EXISTING FENCE
- - - - EXISTING POWER LINE
- INSTALL CATTLE GUARD

ENERGY SUMMIT RESOURCES

UDY #18-1
 NE 1/4 SE 1/4, SECTION 18, T3S, R43E, BOISE MERIDIAN
 BONNEVILLE COUNTY, IDAHO

DRAWN BY: R.C. **DATE DRAWN: 11-06-15**
SCALE: 1" = 2000' **REVISED: 11-17-15**

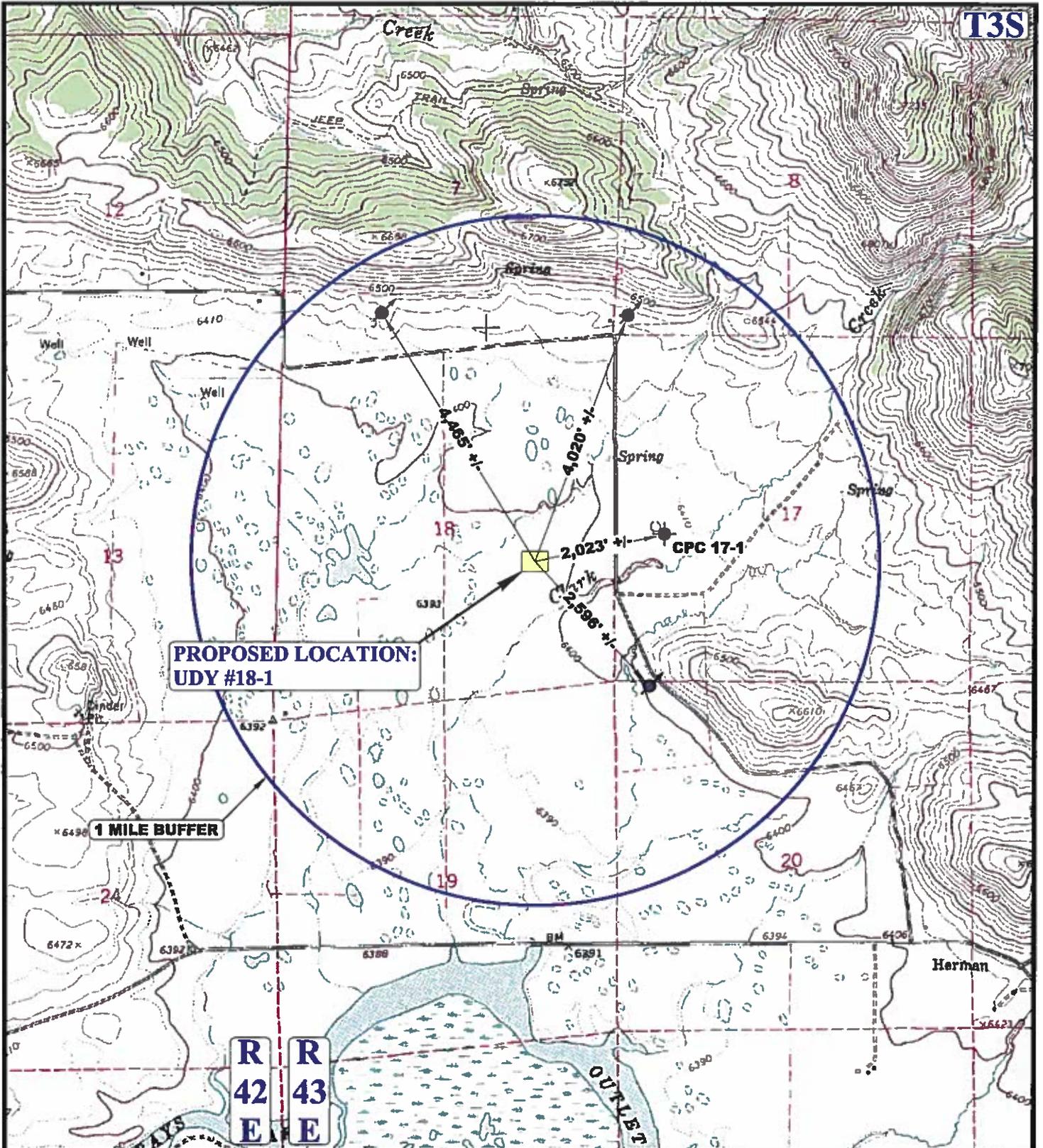
ACCESS ROAD MAP

TOPO B



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T3S



**PROPOSED LOCATION:
UDY #18-1**

1 MILE BUFFER

**R
42
E** **R
43
E**

LEGEND:

- ⊗ DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- ⊗ CONFIDENTIAL WELLS
- WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

ENERGY SUMMIT RESOURCES

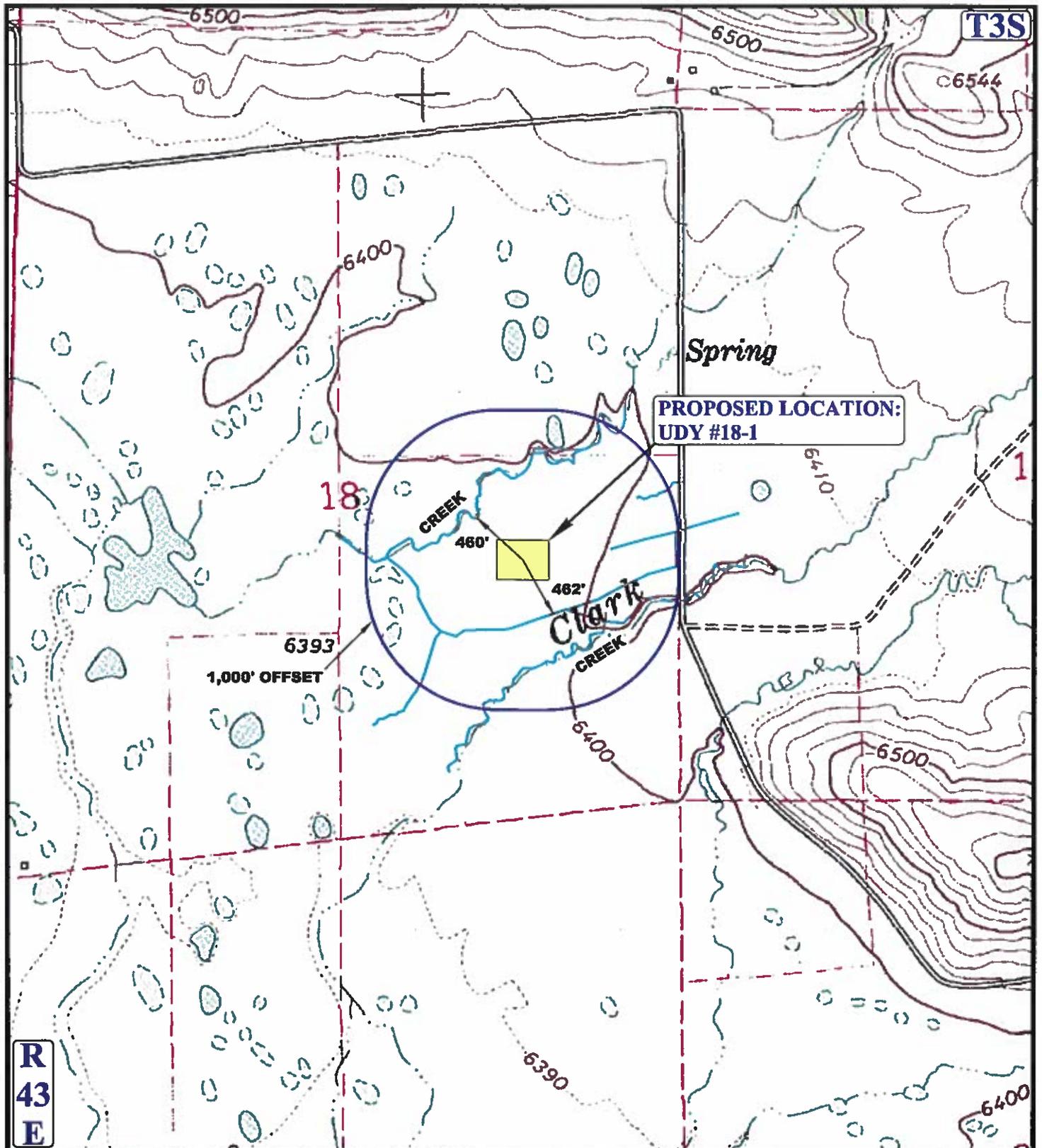
UDY #18-1
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SCALE: 1" = 2000'	REVISED: 12-17-15
WELL PROXIMITY MAP	TOPO C



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LEGEND:

- EXISTING DRAINAGE
- - - - - 1000' OFFSET BOUNDARY

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SCALE: 1" = 1000'	REVISED: 11-17-15
HYDROLOGY MAP	TOPO W



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SAMPLE LAYOUT ONLY. NOT FOR CONSTRUCTION. THIS IS A PRELIMINARY LAYOUT. ALL DIMENSIONS AND LOCATIONS ARE SUBJECT TO FIELD SURVEYING AND RECORDING.

Reclamation Plan

Reclamation will be conducted in accordance with IDAPA 20.07.02.510. CPC Minerals/Energy Summit Resources has obtained a Surface Use Agreement with the landowner of the proposed location. The Surface Use Agreement will ensure the site is left in a stable, re-vegetated, non-eroding condition as required.

Interim Reclamation

- All cellars, rat holes and other bore holes at drilling locations unnecessary for further lease operations would be back-filled to conform to surrounding terrain after the drilling rig is released.
- All drill cuttings would be removed from the site to an approved waste facility and/or incorporated into reclamation activities in accordance with Idaho State rules.
- The well location and surrounding areas(s) would be cleared of all debris, materials, and trash not required for production. Waste materials would be disposed of at an appropriate disposal facility.
- Areas not necessary for production and future workovers would be reshaped to resemble the original landscape contour. Stockpiled topsoil would be redistributed and disked on the area to be reclaimed and re-seeded.
- Interim reclamation of that portion of the well pads and access roads not needed for production facilities/operations would be reclaimed within 6 months from the date of well completion, weather permitting. In the event that subsequent drilling operations would be commenced on a location within 12 months, temporary (pre-interim) reclamation would be performed to stabilize the location and minimize dust and erosion to the extent practicable. Interim revegetation/reseeding would take place at the first growing season available from the date of well completion. Dry/non-producing well locations would be plugged, abandoned and reclaimed within 6 months of well completion, weather permitting.

Dry Hole/Final Reclamation

All surface disturbances would be recontoured and revegetated according to Idaho Administrative Code Section 510 on Surface Reclamation.

Any gravel used in building the drilling pad or access road shall be reclaimed.

All access roads to plugged and abandoned wells and associated production facilities shall be ripped, regraded, and recontoured unless otherwise specified in a surface use agreement. Culverts and any other obstructions that were part of the access road(s) shall be removed. Roads to be left will be graded to drain and prepared with rolling dips or other best management practices to minimize erosion.

Drill pads, pits, berms, cut and fill slopes, and other disturbed areas will be regraded to approximate the original contour. Where possible, slopes should be reduced to three (3) horizontal feet to one (1) vertical foot (3H:1V) or flatter.

All areas compacted by drilling and subsequent oil and gas operations that are no longer needed following completion of such operations shall be cross-ripped. Ripping shall be undertaken to a depth of eighteen (18) inches or bedrock, whichever is reached first.