

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**APPLICATION FOR PERMIT TO DRILL OR REENTER**

1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-0307-A
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name NA
2. Name of Operator Augustus Energy Partners, LLC		7. If Unit or CA Agreement, Name and No. <del>NA</del> SAN Arroyo
3a. Address 2016 Grand Ave, Suite A Billings, MT 59102		8. Lease Name and Well No. San Arroyo 1625-220
3b. Phone No. (include area code) 406-294-5995		9. API Well No. 43-019-31580
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface 946' FSL & 1424' FEL SWSE 660270X 39.396746 At proposed prod. zone same as above 43622494 -109.138801		10. Field and Pool, or Exploratory San Arroyo 750
14. Distance in miles and direction from nearest town or post office* 28.4 miles northwest of Mack, Colorado		11. Sec., T. R. M. or Blk. and Survey or Area Sec 22, T16S, R25E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 946'	16. No. of acres in lease 1000	12. County or Parish Grand
17. Spacing Unit dedicated to this well 40 acres	13. State UT	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 1700'	19. Proposed Depth 6,700'	20. BLM/BIA Bond No. on file UTB000317
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 7564.5 GL	22. Approximate date work will start* 09/01/2008	23. Estimated duration 30 days

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, must be attached to this form:

- |  |   |
|--|---|
| 1. Well plat certified by a registered surveyor.   | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan.  | 5. Operator certification   |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the BLM.             |

25. Signature <i>Ginger Bowden</i>	Name (Printed/Typed) Ginger Bowden	Date 06/13/2008
Title Agent		
Approved by (Signature) <i>Bradley G. Hill</i>	Name (Printed/Typed) BRADLEY G. HILL	Date 07-16-08
Title ENVIRONMENTAL MANAGER	Office	

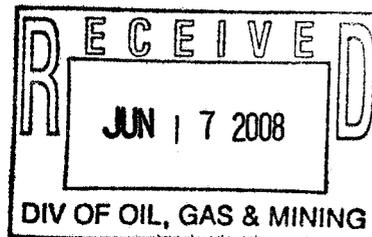
Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 2)

\*(Instructions on page 2)

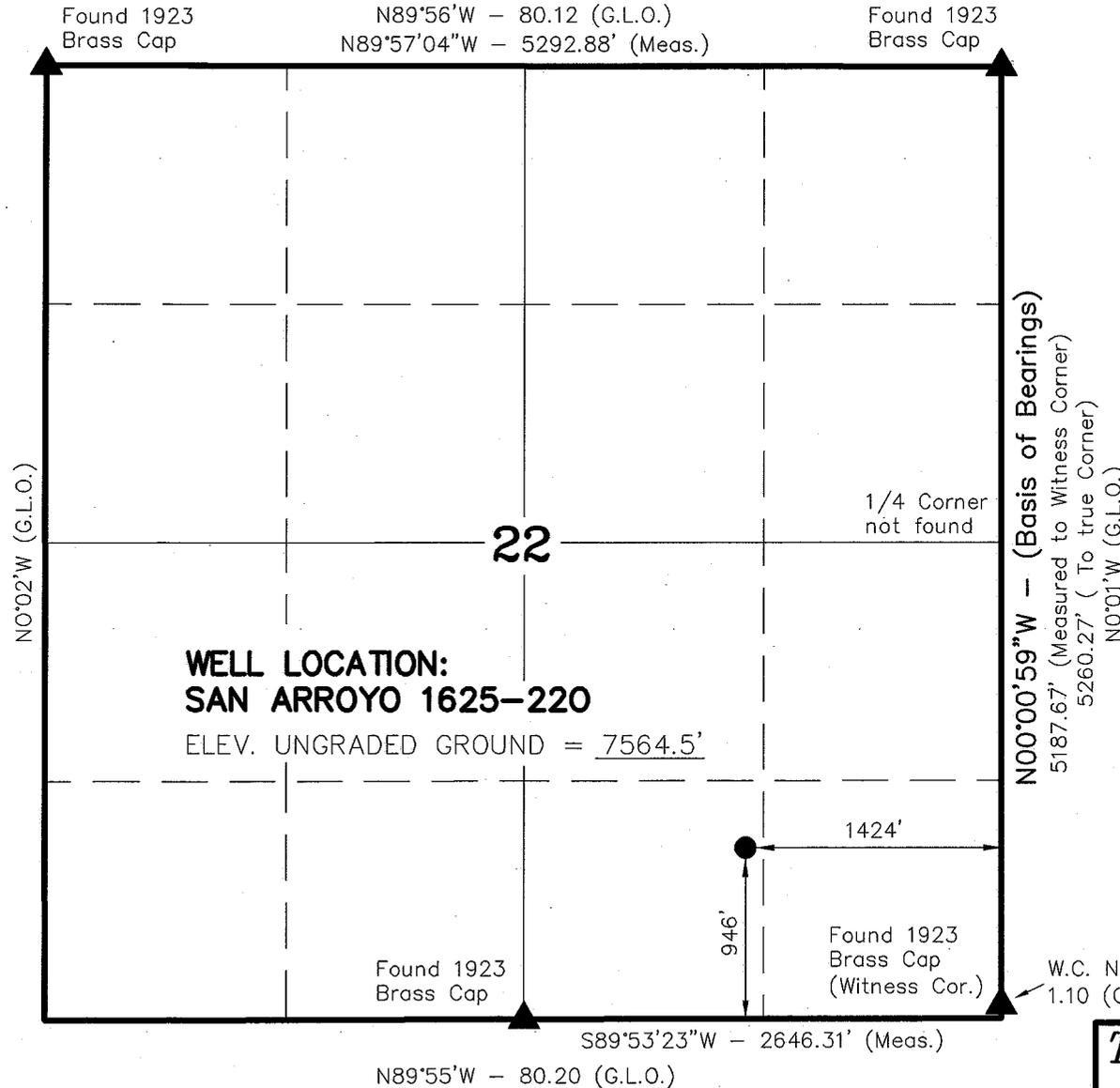
Federal Approval of this  
Action is Necessary



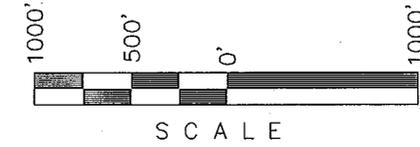
CONFIDENTIAL

# T16S, R25E, S.L.B.&M.

# AUGUSTUS ENERGY PARTNERS, LLC



WELL LOCATION, SAN ARROYO  
1625-220, LOCATED AS SHOWN IN THE  
SW 1/4 SE 1/4 OF SECTION 22, T16S,  
R25E, S.L.B.&M. GRAND COUNTY, UTAH.



- NOTES:
1. Well footages are measured at right angles to the Section Lines.
  2. G.L.O. distances are shown in feet or chains. 1 chain = 66 feet.
  3. Bearings are based on Global Positioning Satellite observations.

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION, AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR  
REGISTRATION No. 6028691  
STATE OF UTAH  
JOHN R. LAUGH

▲ = SECTION CORNERS LOCATED

BASIS OF ELEVATION IS A BLACK ELEVATION AT THE NORTHWEST CORNER OF SECTION 22, T16S, R25E, S.L.B.&M. WHICH IS SHOWN ON THE SAN ARROYO RIDGE 7.5 MIN. QUADRANGLE AS BEING 7842'.

**SAN ARROYO 1625-220**  
(Proposed Well Head)  
NAD 83 Autonomous  
LATITUDE = 39° 23' 48.3"  
LONGITUDE = 109° 08' 22.1"

**TIMBERLINE** (435) 789-1365  
**ENGINEERING & LAND SURVEYING, INC.**  
38 WEST 100 NORTH - VERNAL, UTAH 84078

DATE SURVEYED: 8-15-07	SURVEYED BY: M.B.	SHEET <b>2</b> OF 10
DATE DRAWN: 8-29-07	DRAWN BY: J.R.S.	
SCALE: 1" = 1000'	Date Last Revised: 05-15-08	

Paradigm Consulting, INC  
PO BOX 790203  
Vernal, UT 84079  
435-789-4162

June 13, 2008

RE: Augustus Energy Partners, LLC  
San Arroyo 1625-220  
Sec. 22, T16S, R25E

Utah Division of Oil, Gas and Mining  
1549 West North Temple  
Suite 1210  
PO BOX 145801  
SLC, UT 84114

Dear Sir or Madam,

Augustus Energy Partners, LLC respectfully requests an exception location for the subject well. The well has moved from the center of the forty acre spacing.

The well is located at 946' FSL & 1424' FEL, which has changed from the proposed location at 660' FSL & 1980 FEL.

Augustus Energy Partners, LLC are the only lease owners within a 460' radius.

If you have additional questions please feel free to contact me.

Best regards,



Ginger Bowden

RECEIVED

JUN 17 2008

DIV. OF OIL, GAS & MINING

**Augustus Energy Partners, LLC**

**Ten Point Plan  
San Arroyo 1625-220  
Section 22, Township 16 South, Range 25 East,  
SW ¼ SE ¼**

**1. Surface Formation**  
Mesa Verde

**2. Estimated Formation Tops and Datum:**

<u>Formation</u>	<u>Depth</u>	<u>Datum</u>
Castlegate SS	2119'	5455'
Mancos B	2251'	5323'
Base Mancos B	3634'	3940'
Dakota Silt	5559'	2015'
Dakota Sand	5608'	1966'
Cedar Mnt.	5714'	1860'
Morrison	5912'	1662'
Salt Wash	6107'	1467'
Entrada Sandstone	6419'	1155'
Wingate	6589'	985'
TD	6700'	874'

All water and oil and gas bearing zones shall be protected by the casing and cement program.

**3. Producing Formation Depth:**

Formation objective includes the Dakota, Cedar Mountain, Morrison, Salt Wash, Entrada and their sub-members.

Off Set Well information (Wells within a one-mile radius)

**Abandon Wells:** San Arroyo 3-C

**Producing Wells:** San Arroyo 13, San Arroyo 2, San Arroyo 29, San Arroyo 3, San Arroyo 12, San Arroyo 9, ARCO 27-1

**Shut in Wells:** San Arroyo U 40, San Arroyo 31

#### 4. Proposed Casing:

<u>Hole Size</u>	<u>Casing Size</u>	<u>Weight/FT</u>	<u>Grade</u>	<u>Coupling &amp; Tread</u>	<u>Casing Depth</u>	<u>New/Used</u>
12 ¼	8 5/8	24#	j-55	ST&C	350'	NEW
7 7/8	5 ½	17#	L-80	LT&C	T.D.	NEW

#### Cement Program:

#### The Surface Casing will be cemented to the Surface as follows:

##### Lead:

**Casing Size:** 8 5/8

**Cement Type:** 124 sks Premium Lite Cement + 0.05 lbs/sk Static Free + 2% bwoc Calcium Chloride + 0.25 lbs/sk Cello Flake + 2 lbs/sk Kol Seal + 6% bwoc Bentonite + 0.05 gals/100 sks FP-13L + 102.2% Fresh water

**Cement Amounts:** 245 sks +/-

**Cement Yeild:** 1.9 ft<sup>3</sup>/sk

**Cement Weight:** 12.5 ppg

##### Tail:

**Casing Size:** 8 5/8

**Cement Type:** 50 sks Class G Cement + 2 lbs/sk Kol Seal + 0.05 gals/100 sk FP-13L + 0.05 lbs/sk Static Free + 2% bwoc Calcium Chloride + 0.25/sk Cello Flake + 43.1% Fresh Water

**Cement Amounts:** 59 sks +/-

**Cement Yeild:** 1.17 ft<sup>3</sup>/sk

**Cement Weight:** 15.80 ppg

**Note:** Top out with sufficient cement to bring cement to surface.

#### Production casing will be cemented to surface as follows:

**Casing Size:** 5 ½

**Cement Type:** 906 sks (50:50) Poz (Fly Ash): Class G Cement + 0.05 lbs/sk Static Free + 3% bwow Potassium Chloride + 0.25 lb/sk Cello Flake + 2 lbs/sk Kol Seal + 0.7% bwoc FL-52 + 0.05 gal/100sk FP-13L + 2% bwoc Bentonite + 69.5% Fresh Water

**Cement Amounts:** 906 sks +/-

**Cement Yeild:** 1.47 ft<sup>3</sup>/sk

**Cement Weight:** 13.5 ppg

## 5. BOP and Pressure Containment Data:

A 3000-psi WP BOP system as described in the BOP and Pressure Containment Data (attached) will be installed and maintained from the 8 5/8" surface casing. An upper kelly cock to the required pressure rating with a handle available shall be employed.

The BOP system including the casing will be pressure tested to minimum standards set forth in "On Shore Order #2". The BOP will be mechanically checked daily during the drilling operation

## 6. Mud Program:

<u>Interval</u>	<u>Mud weight lbs./gal.</u>	<u>Viscosity Sec./OT.</u>	<u>Fluid Loss MI/30 Mins.</u>	<u>Mud Type</u>
0-350'	water	-----	No Control	water/native mud
350-T.D.	8.5	30	10cc	water/gel

## 7. Auxiliary Equipment

Upper Kelly cock, full opening stabbing valve, 2 1/2" choke manifold and pit level indicator.

## 8. Testing, Coring, Sampling and Logging:

- a) Test: None are anticipated.
- b) Coring: There is the possibility of sidewall coring.
- c) Sampling: 10' from 2100-2150 Castlegate SS  
30' from 2150-5500  
10' from 5500-TD
- d) Logging: Type Triple Combo Interval T.D. to Surf. Csg

## 9. Abnormalities (including sour gas):

Anticipated bottom hole pressure will be less than 3000 psi. No abnormal pressures, temperatures or other hazards are anticipated. Other wells drilled in the area have not encountered over pressured zones or H2S.

**10. Drilling Schedule:**

The anticipated starting date is 09/01/2008. (Upon receipt of Approved APD depending on rig availability.) Duration of operations is expected to be 30 days.

## **Drilling Plan Supplemental:**

- a. The proposed casing and cementing programs shall be conducted as approved to protect and or isolate all usable water zones, potentially productive zones, lost circulation zones, abnormally pressured zones, and any other prospectively valuable deposits of minerals. An isolating medium other than cement shall receive approval prior to use. The casing setting depth shall be calculated to position the casing seat opposite a competent formation which will contain the maximum pressure to which it will be exposed during normal drilling operations. Determination of the casing setting depth shall be based on all relevant factors, including; presence/absence of hydrocarbons; fracture gradients; usable water zones; formation pressure; lost circulation zones; other minerals; or other unusual characteristics. All indications of usable water shall be reported.**
- b. Casing design shall assume formation pressure gradients of 0.44 to 0.50 psi per foot for exploratory wells (lacking better data).**
- c. Casing design shall assume fracture gradients from 0.70 to 1.00 psi per foot for exploratory wells (lacking better data).**
- d. Casing collars shall have a minimum clearance of 0.422 inches of all sides in the hole/casing annulus, with recognition that variances can be granted for justified exceptions.**
- e. All waiting on cement times shall be adequate to achieve a minimum of 500 psi compressive strength at the casing shoe prior to drilling out.**
- f. All casing except the conductor casing, shall be new or reconditioned and tested sued casing that meets or exceeds API standards for new casing.**
- g. The surface casing shall be cemented back to surface either during primary cement job or by remedial cementing.**
- h. All indications of usable water shall be reported to the authorized officer prior to running the next string of casing or before plugging orders are requested, whichever occurs first.**
- i. Three centralizers will be run on the bottom three joints of surface casing with a minimum of one centralizer per joint starting with the shoe joint.**
- j. Top plugs shall be used to reduce contamination of cement by displacement fluid. A bottom plug or other technique, such as a suitable pre-flush fluid, inner string method, etc. shall be utilized to help isolate the cement from contamination by the mud fluid being displaced ahead of the cement slurry.**

**k. All casing strings below the conductor shall be pressure tested to 0.22 psi per foot of casing string length or 1500 psi, whichever is greater, but not to exceed 70 percent of the minimum internal yield, If pressure declines more than 10 percent in the 30 minutes, corrective action shall be taken.**

**l. On all exploratory wells, and on that portion of any well approved for a 5M BOPE system or greater, a pressure integrity test of each casing shoe shall be performed. Formation at the shoe shall be tested to a minimum of the mud weight equivalent anticipated to control the formation pressure to the next casing depth or at total depth of the well. This test shall be performed before drilling more than 20 feet of new hole.**

**m. Casing design is subject to revision based on geologic conditions encountered.**

**n. After cementing but before commencing any test, the casing string shall stand cemented until the cement has reached a compressive strength of at least 500 psi at the shoe. WOC times shall be recorded in the drillers' log.**

**o. The BOP size for the subject location will be 3M.**

**p. A safety valve with subs to fit all connections will be on the rig floor.**

**q. Pressure Control Equipment:**

**Ram Type: 10" Hydraulic double annular, 3000 psi w.p.**

**Ram type preventers and associated equipment shall be tested to approved stack working pressure if isolated by test plug or to 70 percent of the internal yield pressure of casing. Pressure shall be maintained for at least 10 minutes or until requirements of test are met, whichever is longer. If a test plug is utilized, no bleed-off pressure is acceptable. For a test not utilizing a test plug, if a decline in pressure of more than 10 percent in 30 minutes occurs, the test shall be considered to have failed. Valve on casing head below test plug shall be open during test of BOP stack.**

**Annular type preventers (if used) shall be tested to 50 percent of rated working pressure. Pressure shall be maintained at least 10 minutes or until provisions of test are met, whichever is longer.**

**As a minimum, the above test shall be performed:**

- 1. when initially installed;**
- 2. whenever any seal subject to test pressure is broken**
- 3. following related repairs; and**
- 4. at 30-day intervals**

**Valves shall be tested from working pressure side during BOPE test with all down stream valves open.**

**When testing the kill line valve(s) the check valve shall be held open or the ball removed.**

**Annular preventers shall be functionally operated at least weekly.**

**Pipe and blind rams shall be activated each trip, however, this function need not be performed more than once a day.**

**A BOPE pit level drill shall be conducted weekly for each drilling crew.**

**Pressure test shall apply to all related well control equipment.**

**All of the above described tests and or drills shall be recoded in the drilling log.**

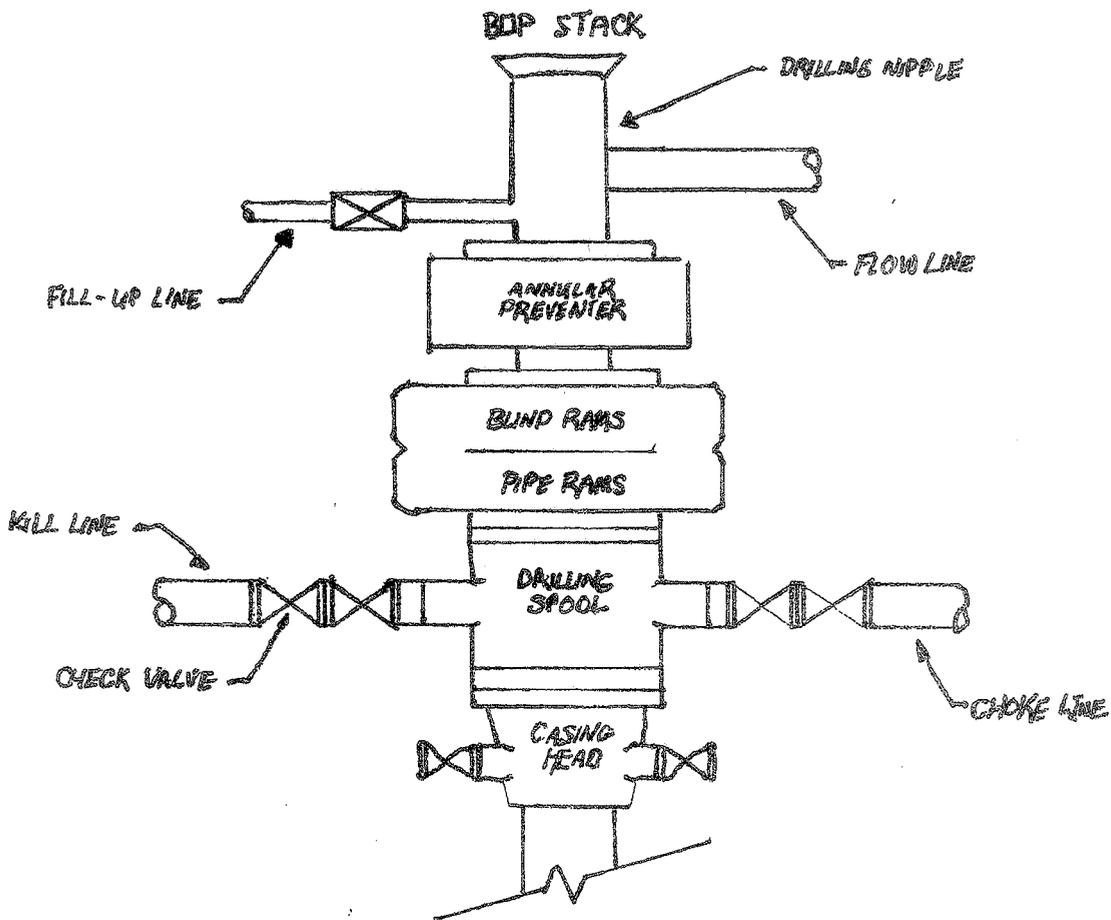
**BOP systems shall be consistent with API RP53. Pressure tests will be conducted before drilling out from under casing strings which have been set and cemented in place. Blowout preveter controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection will be recoded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs.**

**The choke and kill line will be properly installed. The kill line is not to be used as a fill-up line.**

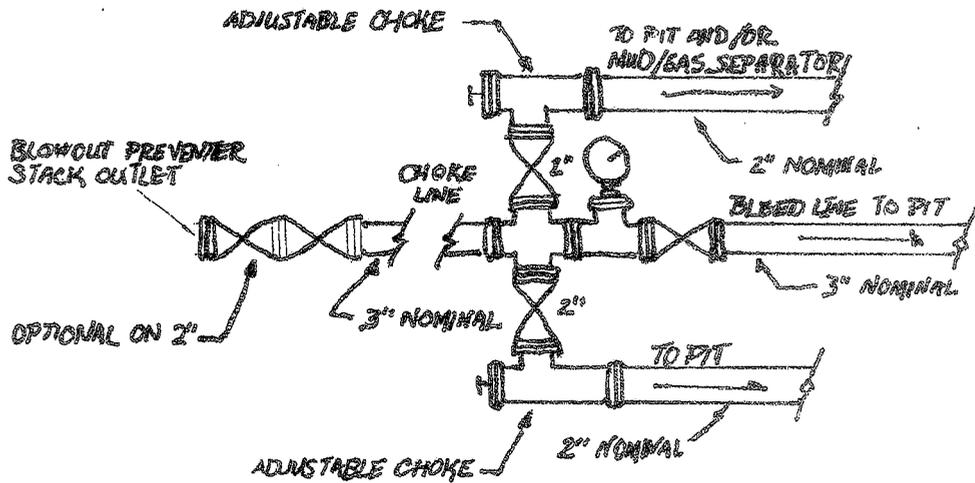
**The accumulator system shall have a pressure capacity to provide for repeated operation of hydraulic preventers.**

**Drill string safety valve(s), to fit all tools in the drill string are to be maintained on the rig floor while drilling operations are in progress.**

TYPICAL 3,000 p.s.i.  
BLOWOUT PREVENTER SCHEMATIC



TYPICAL 3,000 p.s.i.  
CHOKER MANIFOLD SCHEMATIC



1. Existing Roads:

**Augustus Energy Properties, LLC  
San Arroyo 1625-220  
Section 22, T16S, R25E**

**Proceed in a northwesterly, then westerly direction from Mack, Colorado along M 8/10 road approximately 9.2 miles to the junction of 18/10 road; exit right and proceed in a northwesterly direction along 18/10 road which becomes the Bookcliff Ridge road approximately 18.7 miles to the proposed access road; exit left and follow road flags in a southeasterly direction approximately 0.5 miles to the proposed location.**

**Total distance from Mack, Colorado to the proposed well location is approximately 28.4 miles.**

All existing roads to the proposed location are State of Utah, BLM maintained or County Class D roads.

Please see the attached map for additional details.

2. Planned access road

**The proposed access road will be approximately 0.5 miles of new construction. The road will be graded once per year minimum and maintained.**

- A) Approximate length.....2,640 ft
- B) Right of Way width.....30 ft
- C) Running surface.....18 ft
- D) Surface material.....Native soil
- E) Maximum grade.....8%
- F) Fence crossing.....None
- G) Culvert.....None
- H) Turnouts.....None
- I) Major cuts and fills.....None
- J) Road Flagged.....Yes
- K) Access road surface ownership.....Federal
- L) All new construction on lease.....Yes
- M) Pipe line crossing.....Yes

Please see the attached location plat for additional details.

**An off lease right-of-way will not be required.**

All surface disturbances for the road and location will be within the lease boundary.

3. Location of existing wells

The following wells are located within a one-mile radius of the location site.

- A) Producing well.....San Arroyo 13, San Arroyo 2, San Arroyo 29, San Arroyo 3, San Arroyo 12, San Arroyo 9, ARCO 27-1
- B) Water well.....None
- C) Abandoned well.....San Arroyo 3-C
- D) Temp. abandoned well.....None
- E) Disposal well.....None
- F) Drilling /Permitted well.....None
- G) Shut in wells.....San Arroyo U 40, San Arroyo 31
- H) Injection well.....None
- I) Monitoring or observation well.....None

Please see the attached map for additional details.

4. Location of tank batteries, production facilities and production gathering service lines:

All production facilities are to be contained within the proposed location site. Please see the attached plat for a typical oil well.

All permanent (on site for more than six months or longer) structures constructed or installed will be painted a **beetle** color. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded. The required paint color is **beetle**. All permanent structures will be maintained as such to comply with visual quality objectives.

All tanks will be surrounded by a dike of sufficient capacity to contain the storage capacity of the largest tank in the battery plus one day production. Gravel may be placed over the dike to decrease erosion. The integrity of the dike will be maintained.

The operator will adhere to all site security guidelines and regulation identified in 43 CFR 3126.7.

If the well is capable of gas production in association with oil production a buried gas line will be required.

**Approximately 40' of 4" steel buried gas gathering line would be constructed on Federal Lands. The line will tie into an existing pipeline in Section 22, T16S, R25E. The pipeline would be boomed to the northeast of the location.**

**An off lease Right-of-Way will not be required.**

Please see the attached location diagrams for pipeline location.

The location will be cleaned of all debris, material and equipment after completion of construction activity.

All construction activities for production facilities will be constructed on the well pad.

5. Location and type of water supply

**Water for drilling and cementing will come from Ute Water at 10 Road Fill Station. 970-242-7491**

6. Source of construction materials

All construction material for this location site and access road shall be barrow material accumulated during construction of the location site and access road. Additional road gravel or pit lining material will be obtained from private resources.

7. Methods for handling waste disposal

A) Pit construction and liners:

The reserve pit will be approximately **10 ft.** deep and most of the depth shall be below the surface of the existing ground Please see the attached plat for details.

The reserve pit will be lined.

The reserve pit will be used to store water for drilling. A semi-closed system will be used to drill the well. All fresh water for drilling will come from a frac tank placed on location and from the rig tank. The pit will be used to hold non-flammable materials such as cuttings, salt, drilling fluids, chemicals, produced fluids, etc.

B) Produced fluids:

Produced water will be confined to the reserve pit or, if deemed necessary, a storage tank for a period not to exceed 90 days after initial production. During the 90-day period an application for approval for permanent disposal method and location will be submitted to the authorized officer. Onsite evaporation may be used instead of trucking to facilitate closing and reclamation of the reserve pit. A pumping system would be used for evaporation.

C) Garbage:

A trash cage fabricated from expanded metal will be used to hold trash on location and will be removed to an authorized landfill location.

D) Sewage:

A portable chemical toilet will be supplied for human waste.

E) Site clean-up:

After the rig is moved off the location the well site area will be cleaned and all refuse removed.

8. Ancillary facilities

There are no ancillary facilities planned at this time and none are foreseen for the future.

9. Well-site layout

The well pad will be constructed in accordance with the "cut/fill" diagram submitted in the approved APD.

No fill material will be placed where rock out crop is exposed at the surface.

At the beginning of construction, 4" of topsoil, if available shall be removed from the entire pad, road, and areas of disturbance and stockpiled separately for reclamation.

Storage tanks will be on the pad and surrounded with a dike and trench sloped to the reserve pit.

The topsoil and subsoil will be stockpiled at the designated location specified. Silt fences will be placed at the bottom of the stockpiles to prevent run-off into drainages. Equipment shall not be stored on topsoil stockpiles.

A minimum of 2 feet of freeboard will be maintained above the fluid level in the pit.

The operator is responsible for the control of noxious weeds occurring as a result of lease operations. The Surface Management Agency will be responsible for approval for weed control programs. Substructure of the rig will be power washed to remove all soil prior to moving the drilling rig to the drilling site.

Location dimensions are as follows:

A) Pad length.....	340 ft.
B) Pad width.....	270 ft.
C) Pit depth.....	10 ft.
D) Pit length.....	160 ft.
E) Pit width.....	80 ft.
F) Max cut.....	3.9 ft.
G) Max fill.....	9.1 ft.
H) Total cut yards.....	6,690
I) Pit location.....	South End
J) Top soil location.....	North & East Ends
K) Access road location.....	West End
L) Flare Pit.....	Corner C
M) Total disturbed acres including spoils, toe of slope.....	2.5 acres

Please see the attached location diagram for additional details.

All pits will be fenced according to the following minimum standards:

- A) Thirty nine inch net wire shall be used with at least one strand of wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.
- B) The net wire shall be no more than 2 inches above the ground. The barbed wire shall be 3 inches above the net wire. Total height of the fence shall be at least 42 inches.
- C) Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.
- D) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than 16 ft.
- E) All wire shall be stretched by using a stretching device before it is attached to the corner posts.

10. Plans for restoration of the surface

Prior to construction of the location, the top 6 inches of soil material will be stripped off the location and the pit area. The topsoil removed and piled will amount to approximately **1,490** cubic yards of material.

Topsoil will be stockpiled in one distinct pile. Placement of the topsoil is noted on the attached location plat. The topsoil pile from the location will be seeded as soon

as the soil is stock piled with the seed mix listed. When all drilling and completion activities have been completed and the pit back-filled the topsoil from the pit area will be spread on the pit area. The pit area will be seeded when the soil has been spread. The unused portion of the location (the area outside the dead men) will be re-contoured.

The dirt contractor will be provided with an approved copy of the surface use plan prior to construction activities.

Changes to the drainage during the construction activities shall be restored to its original line of flow or as near as possible when the pit is back-filled.

All disturbed areas will be re-contoured to the approximate natural contours. Prior to back filling the pit the fences around the reserve pit will be removed.

The reserve pit will be reclaimed within 90 days of well completion. If the reserve pit has not dried sufficiently to allow back filling, an extension on the time requirement for back filling the pit will be requested. Once reclamation activities have begun, they shall be completed within 30 days.

After the reserve pit has been reclaimed, no depressions in the soil covering the reserve pit will be allowed. The objective is to keep seasonal rainfall and run off from seeping into the soil used to cover the reserve pit. Diversion ditches and water bars will be used to divert the run off as needed.

When restoration activities have been completed, the location site and new access road cuts and shoulders shall be reseeded. Prior to reseeding, all disturbed areas will be scarified and left with a rough surface.

A) Seeding dates:

Seed will be spread when topsoil is stock piled and when reclamation work is performed.

The seed mix and quantity list will be used whether the seed is broadcast or drilled.

B) Interim Seed Mix

**4#/acre Needle & Thread Grass**

**4#/acre Indian Rice Grass**

**4#/acre Crested Wheat Grass**

11. Surface ownership:

Access road.....Federal  
Location.....Federal  
Pipeline.....Federal

12. Other information:

A) Vegetation

The vegetation coverage is sparse. The majority of the existing vegetation consists of non-native species. Buck brush, bitter brush, Indian Rice grass, Cedar, Pinion, wildflowers and Sagebrush were also found on the location.

B) Dwellings:

There are no dwellings or other facilities within a one-mile radius of the location.

C) Archeology:

The location has been surveyed. The survey will be forwarded to your office as soon as it has been completed.

If, during operations, any archaeological or historical sites, or any objects of antiquity (subject to the antiquities act of June 8, 1906) are discovered, all operations, which would affect such sites, will be suspended and the discovery reported promptly to the surface management agency.

D) Water:

**The nearest water is Bitter Creek located 1 mile +/- to the east.**

E) Chemicals:

No pesticides, herbicides or other possible hazardous chemicals will be used without prior approval.

F) Notification:

a) Location Construction

At least forty eight (48) hours prior to construction of location and access roads.

b) Location completion prior to moving on the drilling rig.

c) Spud notice

- At least twenty-four (24) hours prior to spudding the well.
- d) Casing string and cementing  
At least twenty-four (24) hours prior to running casing and cementing all casing strings.
  - e) BOP and related equipment tests  
At least twenty-four (24) hours prior to initial pressure tests.
  - f) First production notice  
Within five (5) business days after the new well begins, or production resumes after well has been off production for more than 90 days.
  - g) Local fire authorities will be notified.

G) Flare pit:

The flare pit will be located in **corner C** of the reserve pit out side the pit fences and 100 feet from the bore hole on the east side of the location. All fluids will be removed from the pit within 48 hours of occurrence.

13. Lessees or Operator's representative and certification

A) Representative

Ginger Bowden  
Paradigm Consulting  
PO BOX 790203  
Vernal, UT 84079

Office 435-789-4162  
Cellular 435-790-4163

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, onshore oil and gas orders, and any applicable notices to lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

This drilling permit will be valid for a period of one year from the date of approval. After permit termination, a new application will be filed for approval for any future operations.

**Onsite Date: June 12, 2008**

Operators Certification:

I hereby certify that I, or someone under my direct supervision, have inspected the proposed drill-site and access route proposed herein; that I am familiar with the conditions which currently exist, that I have full knowledge of state and federal laws applicable to this operation; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed in conformity with this APD package and the terms and conditions under which it approved. I also certify that I, or the company I represent, am responsible for the operations conducted under this application. These statements are subject to the provisions of 18 U.S.C. 1001 for filing of a false statement.

Executed this 13<sup>th</sup> day of June, 2008.

Name: Ginger Bowden

Position Title: Agent

Address: PO BOX 790203 Vernal, UT 84079

Telephone: 435-789-4162

**Self Certification Statement**

**The following self-certification statement is provided per Federal requirements dated June 15, 1988.**

**Please be advised that Augustus Energy Partners, LLC is considered to be the operator of the following well:**

**San Arroyo 1625-220  
Section 22, T. 16S, R. 25E  
SW ¼ of the SE ¼  
Lease UTU-0370-A  
Grand County, Utah**

**Augustus Energy Partners, LLC is responsible under the terms and conditions of the lease for the operations conducted upon the lease lands.**

**Bond UTB000317 provides state-wide bond coverage.**

Date: June 13, 2008

Name: Ginger Bowden

Title: Agent

Signature: 

### **Statement of use of Hazardous Materials**

No chemical(s) from the EPA's consolidated list of Chemicals Subject to Reporting under Title III of the Superfund Amendments and Reauthorization, Act (SARA) of 1986 will be used, produced, transported, stored, disposed, or associated with the proposed action. No extremely hazardous substances, as defined in 40 CFR 355, will be used, produced, stored, transported, disposed, or associated with the proposed action.

If you require additional information please contact:

Ginger Stringham  
Agent for Augustus Energy Partners, LLC  
Paradigm Consulting, INC  
PO BOX 790203  
Vernal, UT 84079

435-790-4163 Office

435-789-4162 Cell

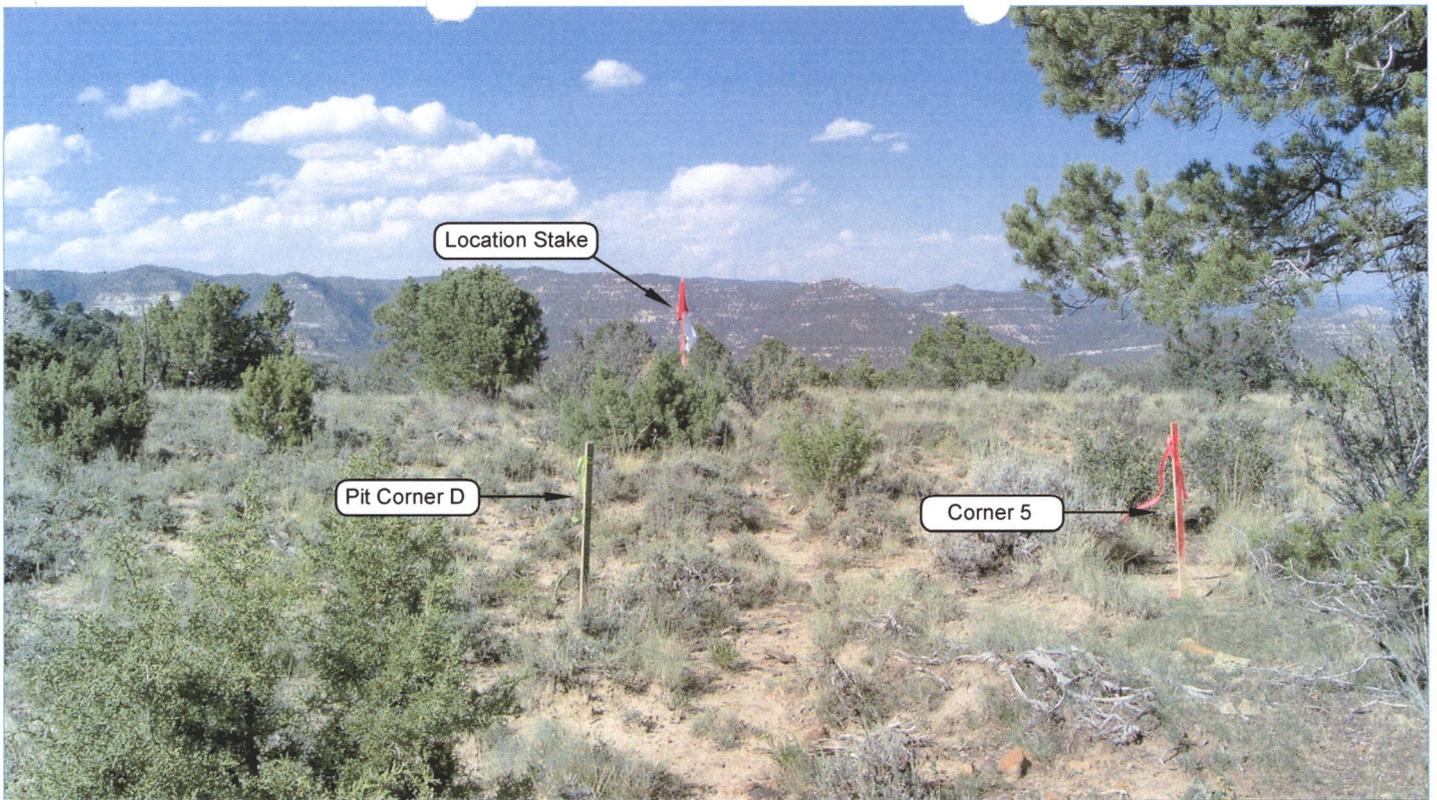


PHOTO VIEW: FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHERLY



PHOTO VIEW: FROM BEGINNING OF PROPOSED ROAD

CAMERA ANGLE: SOUTHEASTERLY

**AUGUSTUS ENERGY PARTNERS, LLC**

**San Arroyo 1625-220  
SECTION 22, T16S, R25E, S.L.B.&M.  
946' FSL & 1424' FEL**

**LOCATION PHOTOS**

TAKEN BY:

DRAWN BY: J.R.S.

DATE TAKEN: 08-15-07

DATE DRAWN: 08-30-07

REVISED: 05-15-08

*Timberline*

(435) 789-1365

Engineering & Land Surveying, Inc.

38 WEST 100 NORTH VERNAL, UTAH 84078

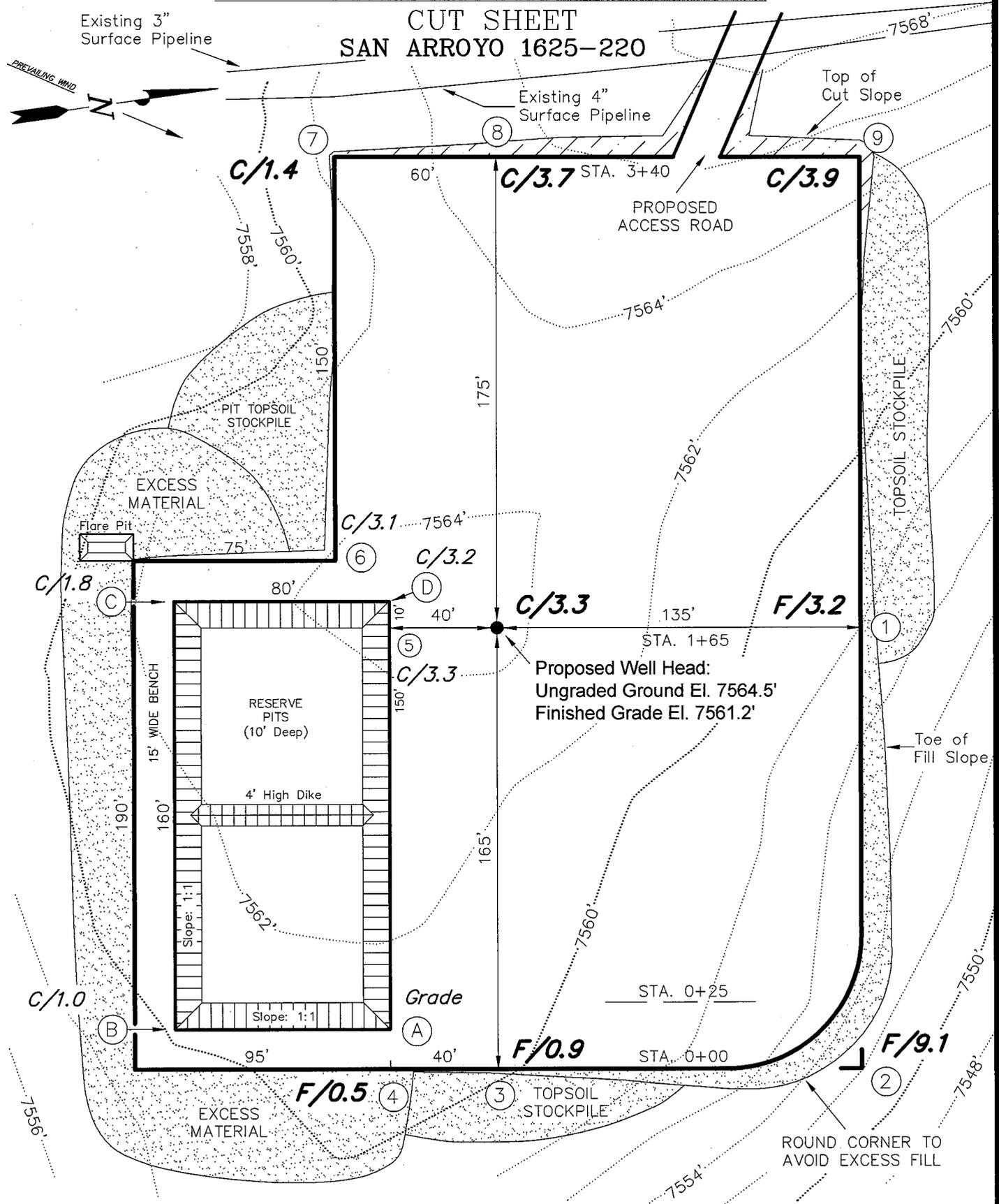
SHEET

1

OF 10

# AUGUSTUS ENERGY PARTNERS, LLC

## CUT SHEET SAN ARROYO 1625-220

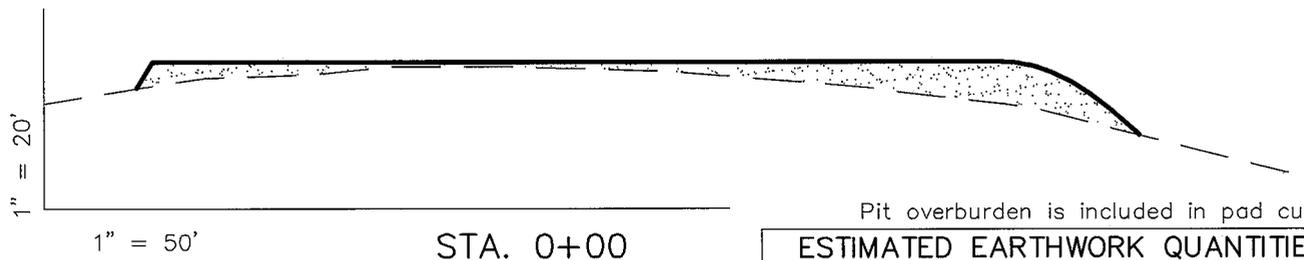
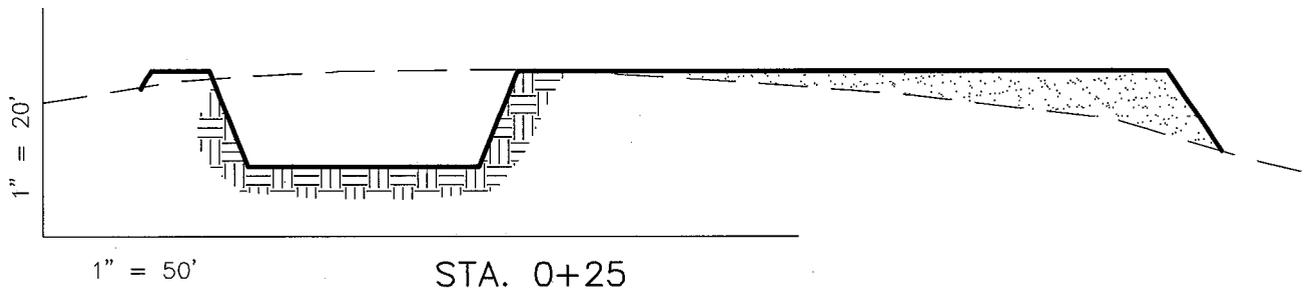
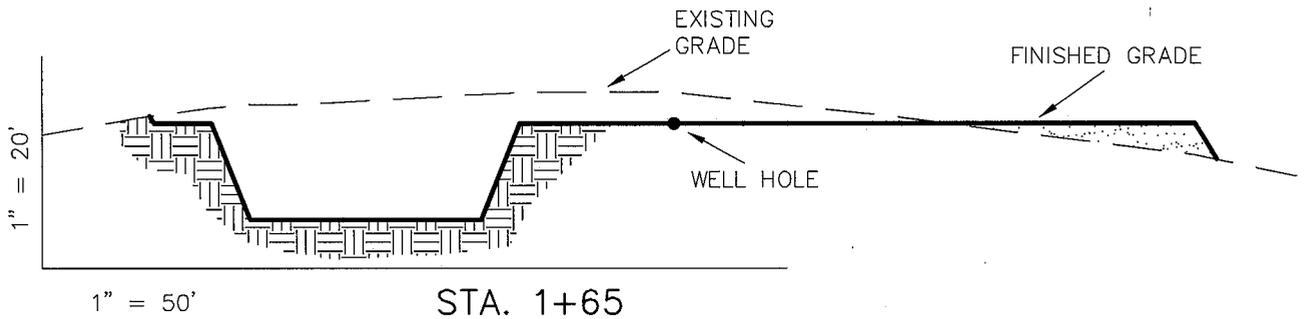
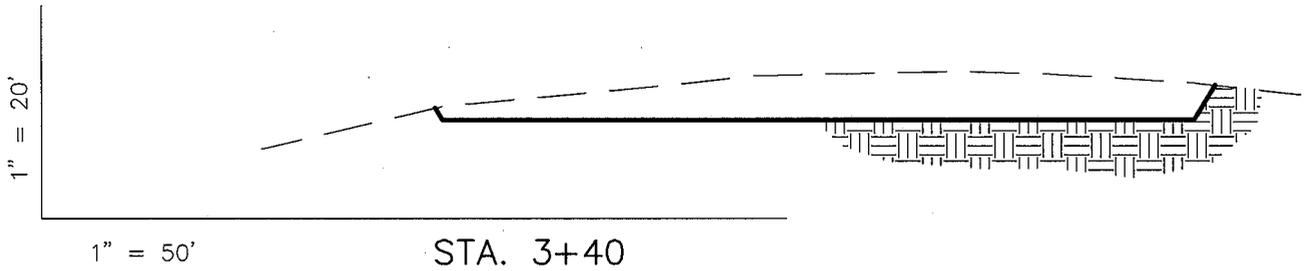


CONTOUR INTERVAL = 2'

Section 22, T16S, R25E, S.L.B.&M.		Qtr/Qtr Location: SW SE		Footage Location: 946' FSL 1424' FEL	
Date Surveyed: 08-15-07	Date Drawn: 08-29-07	Date Last Revision: 05-15-08		<b>Timberline</b> (435) 789-1365 Engineering & Land Surveying, Inc. 38 WEST 100 NORTH VERNAL, UTAH 84078	
Surveyed By: M.B.	Drawn By: J.R.S.	Scale: 1" = 50'		<b>SHEET 3</b> <b>OF 10</b>	

# AUGUSTUS ENERGY PARTNERS, LLC

## CROSS SECTIONS SAN ARROYO 1625-220



Pit overburden is included in pad cut.

### ESTIMATED EARTHWORK QUANTITIES (No shrink or swell adjustments have been used) (Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	2,840	2,840	Topsoil is not included in Pad Cut	0
PIT	3,850	0		3,850
TOTALS	6,690	2,840	1,490	3,850

Excess Material after Pit Rehabilitation = 0 Cu. Yds.

### REFERENCE POINTS

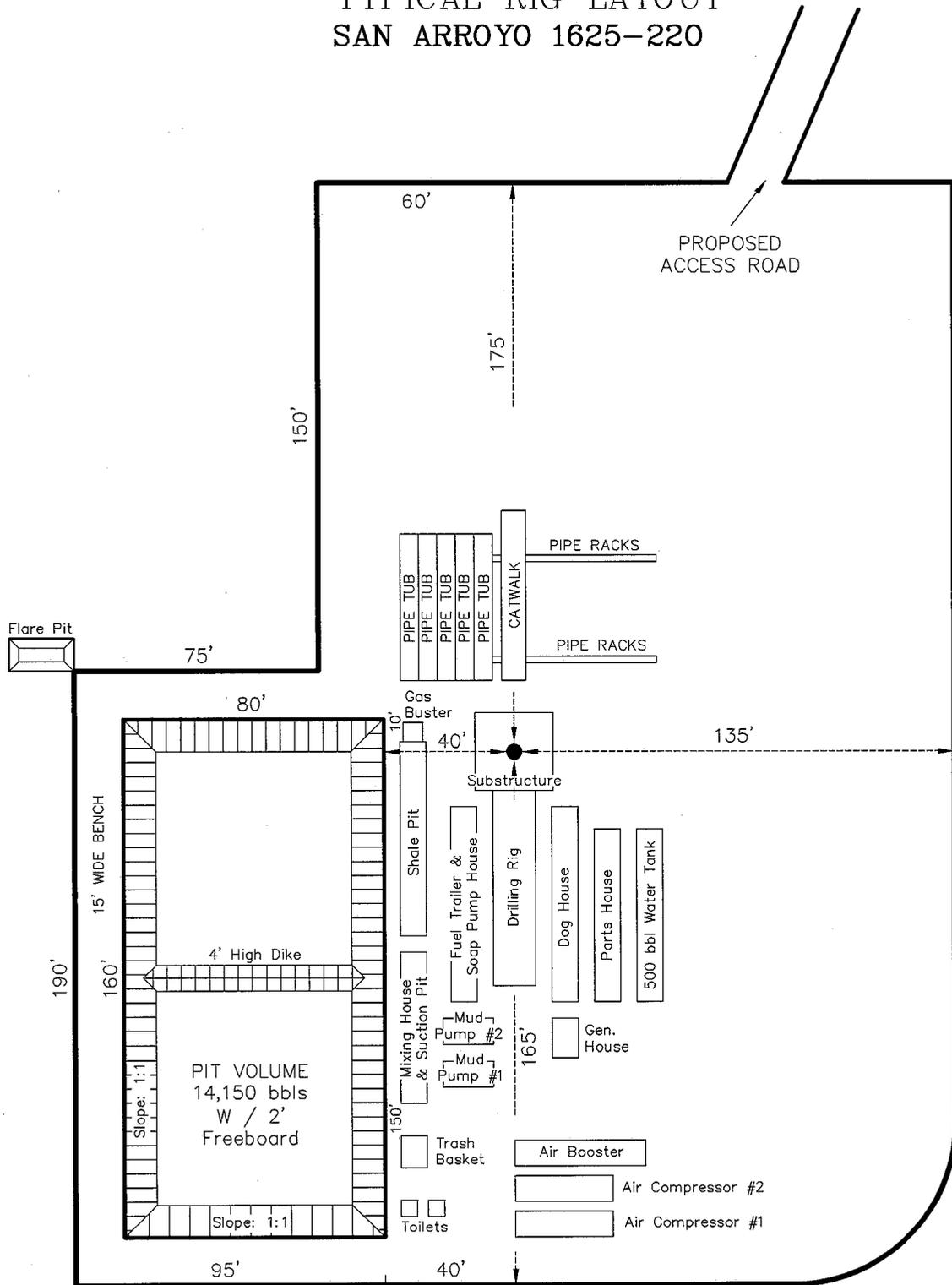
- 225' WESTERLY = 7565.8'
- 275' WESTERLY = 7567.4'
- 185' NORTHERLY = 7553.7'
- 235' NORTHERLY = 7548.9'

NOTE:  
UNLESS OTHERWISE NOTED  
ALL CUT/FILL SLOPES ARE  
AT 1.5:1

Section 22, T16S, R25E, S.L.B.&M.		Qtr/Qtr Location: SW SE	Footage Location: 946' FSL 1424' FEL
Date Surveyed: 08-15-07	Date Drawn: 08-29-07	Date Last Revision: 05-15-08	<b>Timberline</b> (435) 789-1365 Engineering & Land Surveying, Inc. 38 WEST 100 NORTH VERNAL, UTAH 84078
Surveyed By: M.B.	Drawn By: J.R.S.	Scale: 1" = 50'	
			SHEET <b>4</b> OF 10

# AUGUSTUS ENERGY PARTNERS, LLC

## TYPICAL RIG LAYOUT SAN ARROYO 1625-220

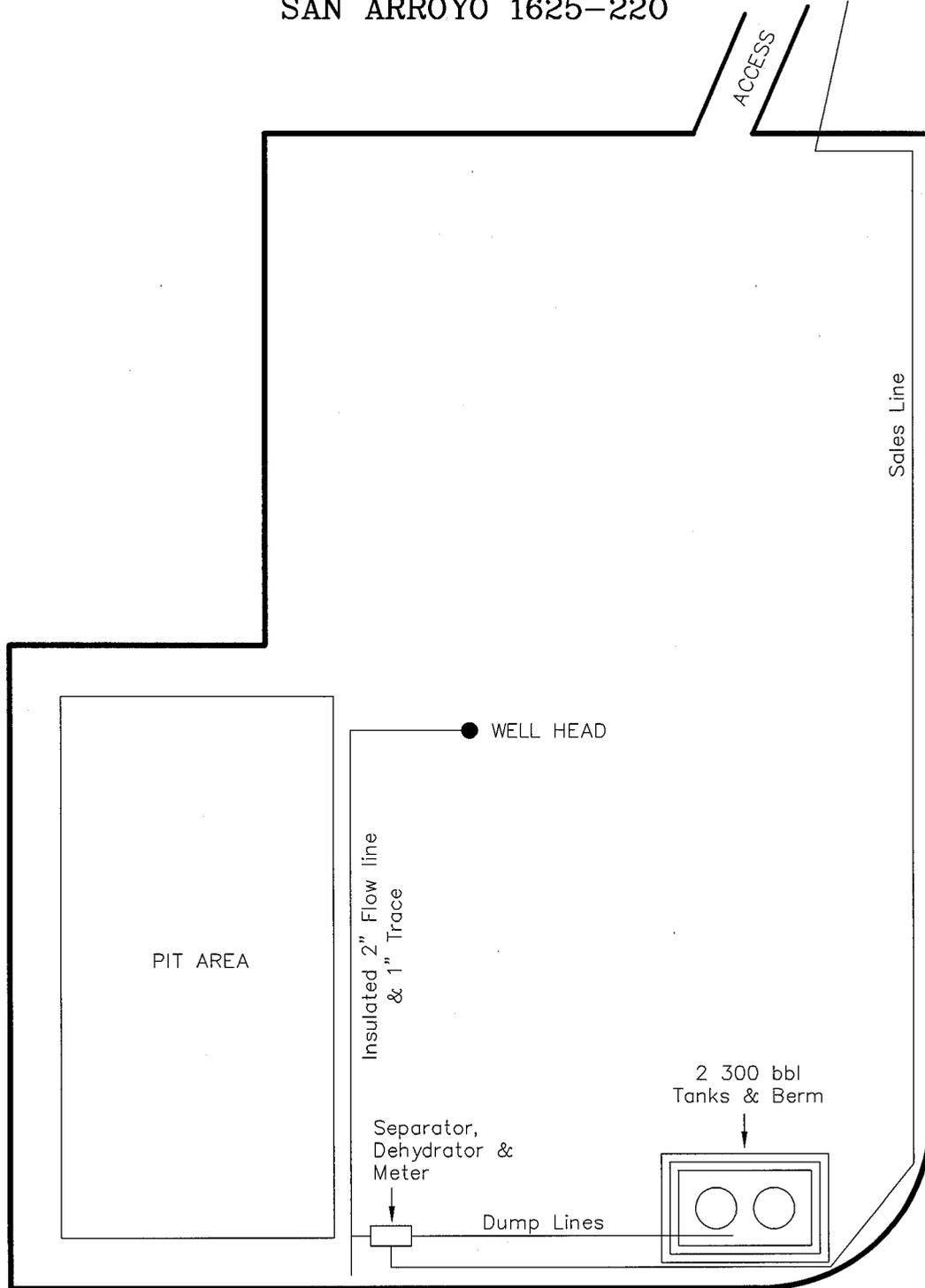


Section 22, T16S, R25E, S.L.B.&M.		Qtr/Qtr Location: SW SE	Footage Location: 946' FSL 1424' FEL
Date Surveyed: 08-15-07	Date Drawn: 08-29-07	Date Last Revision: 05-15-08	<b>Timberline</b> (435) 789-1365 Engineering & Land Surveying, Inc. 38 WEST 100 NORTH VERNAL, UTAH 84078
Surveyed By: M.B..	Drawn By: J.R.S.	Scale: 1" = 50'	

**SHEET**  
**5**  
**OF 10**

# AUGUSTUS ENERGY PARTNERS, LLC

## TYPICAL PRODUCTION LAYOUT SAN ARROYO 1625-220



Section 22, T16S, R25E, S.L.B.&M.		Qtr/Qtr Location: SW SE	Footage Location: 946' FSL 1424' FEL
Date Surveyed: 08-15-07	Date Drawn: 08-29-07	Date Last Revision: 05-15-08	<b>Timberline</b> (435) 789-1365 Engineering & Land Surveying, Inc. 38 WEST 100 NORTH VERNAL, UTAH 84078
Surveyed By: M.B.	Drawn By: J.R.S.	Scale: 1" = 50'	
			SHEET <b>6</b> OF 10



**LEGEND**

- PROPOSED ACCESS ROAD
- = SUBJECT WELL
- = OTHER WELLS
- = EXISTING ROAD
- = EXISTING ROAD (TO BE IMPROVED)

**TOPOGRAPHIC MAP "A"**

DATE SURVEYED: 08-15-07

DATE DRAWN: 08-30-07

SCALE: 1:100,000

DRAWN BY: J.R.S.

REVISED: 05-15-08

**AUGUSTUS ENERGY PARTNERS, LLC**

**San Arroyo 1625-220  
SECTION 22, T16S, R25E, S.L.B.&M.  
946' FSL & 1424' FEL**

**Timberline**

(435) 789-1365

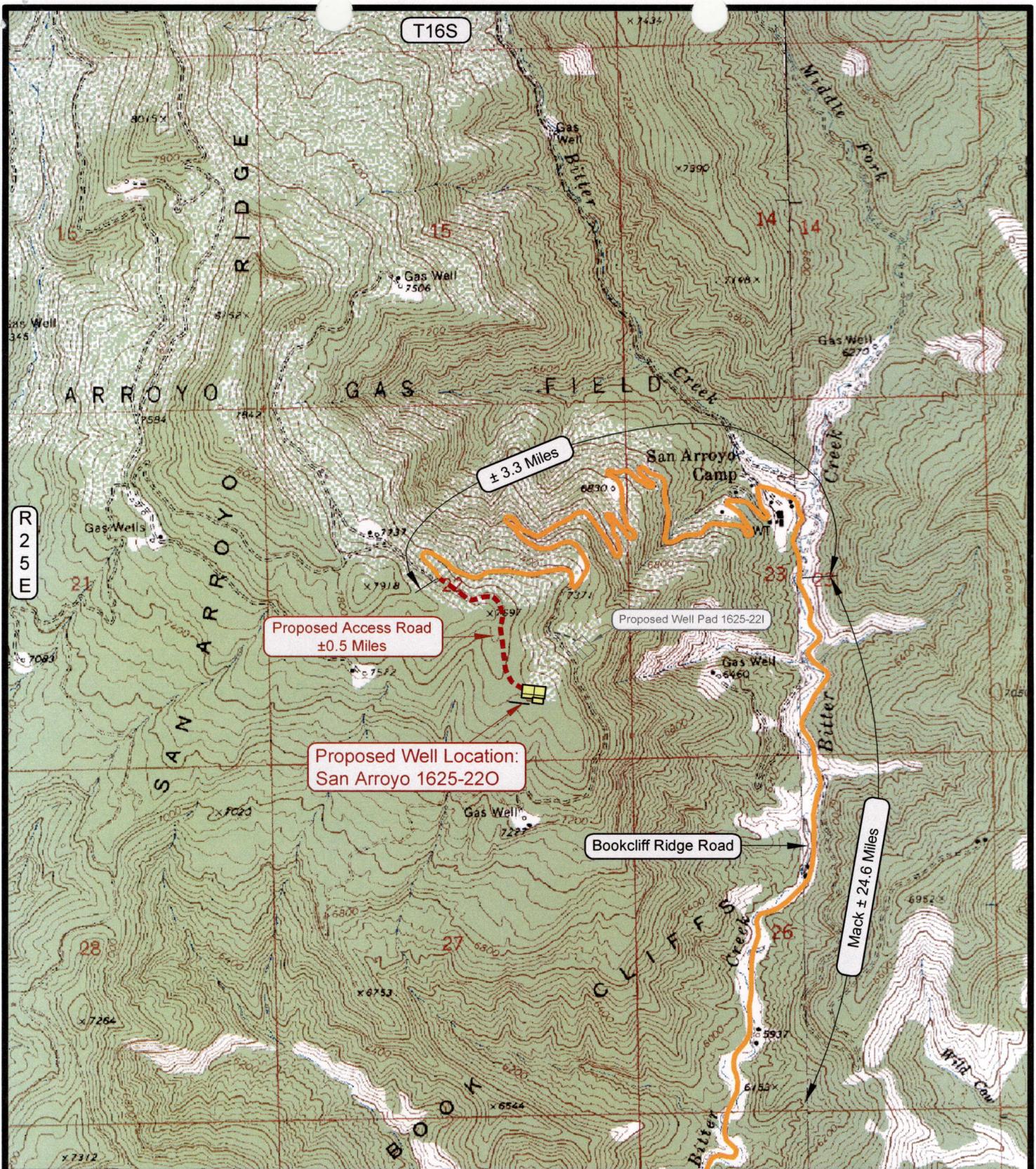
Engineering & Land Surveying, Inc.

38 WEST 100 NORTH VERNAL, UTAH 84078

SHEET

7

OF 10



**LEGEND**

- PROPOSED ACCESS ROAD
- = SUBJECT WELL
- = SHARED ACCESS
- = EXISTING ROAD
- = EXISTING ROAD (TO BE IMPROVED)
- = LEASE LINE AND / OR PROPERTY LINE

**AUGUSTUS ENERGY PARTNERS, LLC**

**San Arroyo 1625-220**  
**SECTION 22, T16S, R25E, S.L.B.&M.**  
**946' FSL & 1424' FEL**

**TOPOGRAPHIC MAP "B"**

DATE SURVEYED: 08-15-07

DATE DRAWN: 08-30-07

SCALE: 1" = 2000'

DRAWN BY: J.R.S.

REVISED: 05-15-08

**Timberline**

(435) 789-1365

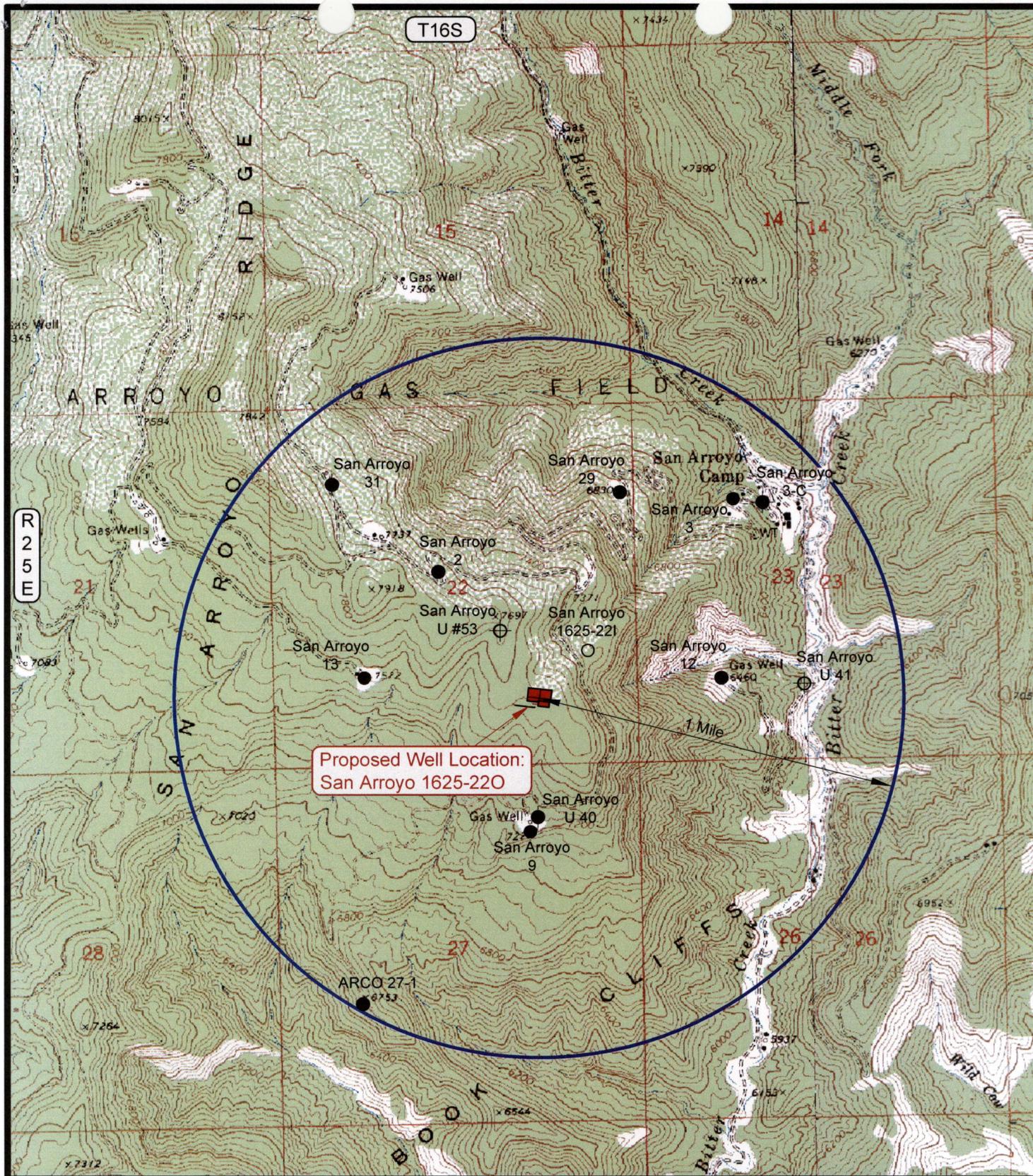
Engineering & Land Surveying, Inc.

38 WEST 100 NORTH VERNAL, UTAH 84078

SHEET

8

OF 10



Proposed Well Location:  
San Arroyo 1625-220

**LEGEND**

- ⊗ = DISPOSAL WELL
- = PRODUCING WELL
- = SHUT IN WELL
- = PROPOSED WELL
- ⊗ = WATER WELL
- = ABANDONED WELL
- = TEMPORARILY ABANDONED WELL
- ⊗ = ABANDONED LOCATION

**AUGUSTUS ENERGY PARTNERS, LLC**

**San Arroyo 1625-220**  
**SECTION 22, T16S, R25E, S.L.B.&M.**  
**946' FSL & 1424' FEL**

**TOPOGRAPHIC MAP "C"**

DATE SURVEYED: 08-15-07  
 DATE DRAWN: 08-30-07  
 REVISED: 05-15-08

SCALE: 1" = 2000'

DRAWN BY: J.R.S.

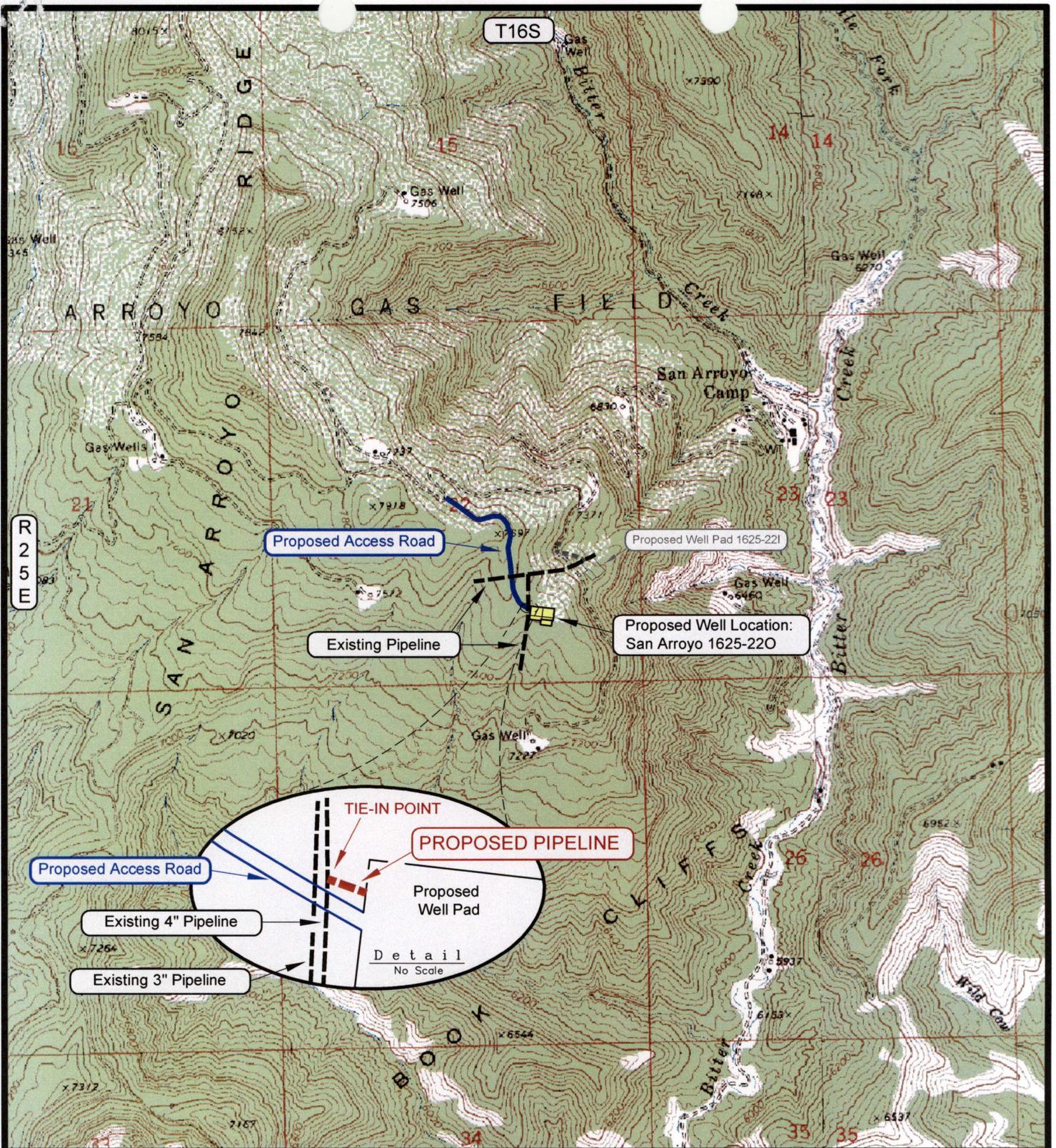
**Timberline**

(435) 789-1365

Engineering & Land Surveying, Inc.

38 WEST 100 NORTH VERNAL, UTAH 84078

SHEET  
**9**  
 OF 10



**APPROXIMATE PIPELINE LENGTH = 40'**

**LEGEND**

- = PROPOSED PIPELINE
- = OTHER PIPELINE
- = PROPOSED ACCESS ROAD
- = SUBJECT WELL
- = OTHER WELLS
- = LEASE LINE AND / OR PROPERTY LINE

**TOPOGRAPHIC MAP "D"**

DATE SURVEYED: 08-15-07

DATE DRAWN: 08-30-07

SCALE: 1" = 1000'

DRAWN BY: J.R.S.

REVISED: 05-15-08

**AUGUSTUS ENERGY PARTNERS, LLC**

**San Arroyo 1625-220  
SECTION 22, T16S, R25E, S.L.B.&M.  
946' FSL & 1424' FEL**

**Timberline**

(435) 789-1365

Engineering & Land Surveying, Inc.

38 WEST 100 NORTH VERNAL, UTAH 84078

SHEET

10

OF 10

**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 06/17/2008

API NO. ASSIGNED: 43-019-31580
--------------------------------

WELL NAME: SAN ARROYO 1625-220  
 OPERATOR: AUGUSTUS ENERGY ( N3505 )  
 CONTACT: GINGER BOWDEN

PHONE NUMBER: 406-294-5995

PROPOSED LOCATION:

SWSE 22 160S 250E  
 SURFACE: 0946 FSL 1424 FEL  
 BOTTOM: 0946 FSL 1424 FEL  
 COUNTY: GRAND  
 LATITUDE: 39.39675 LONGITUDE: -109.1388  
 UTM SURF EASTINGS: 660270 NORTHINGS: 4362249  
 FIELD NAME: SAN ARROYO ( 250 )

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal  
 LEASE NUMBER: UTU-0307-A  
 SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: WINGT  
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. UTB000317 )
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit  
(No. UTE )
- RDCC Review (Y/N)  
(Date: )
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

LOCATION AND SITING:

- R649-2-3.
- Unit: SAN ARROYO
- R649-3-2. General
- Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit
- Board Cause No: \_\_\_\_\_
- Eff Date: \_\_\_\_\_
- Siting: \_\_\_\_\_
- R649-3-11. Directional Drill

COMMENTS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

STIPULATIONS: 1. Federal Approval  
2. Spring Strip  
 \_\_\_\_\_  
 \_\_\_\_\_

16

17

SAN ARROYO U 39  
SAN ARROYO U #51

SAN ARROYO II

SAN ARROYO  
32 \*

T16S R25E

### SAN ARROYO FIELD SAN ARROYO UNIT

SAN ARROYO 31  
\*

SAN ARROYO  
29 \*

SAN ARROYO 3  
\*  
SAN ARROYO 3-C

SAN ARROYO 25  
\*

SAN ARROYO 6  
\*

SAN ARROYO 2  
\*

22  
SAN ARROYO  
U #53 x

23

21

SAN ARROYO B  
\*

SAN ARROYO  
1625-220 ⊕

SAN ARROYO 12  
\*

NICOR FEDERAL I  
\*

SAN ARROYO U 40  
\*  
SAN ARROYO 9  
\*

SAN ARROYO U #52  
x

OPERATOR: AUGUSTUS ENERGY (N3505)

SEC: 22 T.16S R. 25E

FIELD: SAN ARROYO (250)

COUNTY: GRAND

SPACING: R649-3-3 / EXCEPTION LOCATION

- Field Status**
- ABANDONED
  - ACTIVE
  - COMBINED
  - INACTIVE
  - PROPOSED
  - STORAGE
  - TERMINATED

- Unit Status**
- EXPLORATORY
  - GAS STORAGE
  - NF PP OIL
  - NF SECONDARY
  - PENDING
  - PI OIL
  - PP GAS
  - PP GEOTHERML
  - PP OIL
  - SECONDARY
  - TERMINATED

- Wells Status**
- GAS INJECTION
  - GAS STORAGE
  - LOCATION ABANDONED
  - NEW LOCATION
  - PLUGGED & ABANDONED
  - PRODUCING GAS
  - PRODUCING OIL
  - SHUT-IN GAS
  - SHUT-IN OIL
  - TEMP. ABANDONED
  - TEST WELL
  - WATER INJECTION
  - WATER SUPPLY
  - WATER DISPOSAL
  - DRILLING



OIL, GAS & MINING



PREPARED BY: DIANA MASON  
DATE: 18-JUNE-2008



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155



IN REPLY REFER TO  
3180  
UT-922

Augustus Energy Partners, LLC  
Attn: Joseph M. Owen  
2016 Grand Avenue, Suite A  
Billings, Montana 59102

July 8, 2008

Re: San Arroyo Unit  
Grand County, Utah

Dear Mr. Owen:

On June 30, 2008, we received an indenture dated May 15, 2008, whereby Slate River Resources, LLC resigned as Unit Operator and Augustus Energy Partners, LLC was designated as Successor Unit Operator for the San Arroyo Unit, Grand County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective July 8, 2008. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Pariette (Green River) Unit Agreement.

Your statewide oil and gas bond No. UTB000317 will be used to cover all operations within the San Arroyo Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

*/s/ Becky J. Hammond*

Becky J. Hammond  
Chief, Branch of Fluid Minerals

Enclosure

**RECEIVED**

**JUL 16 2008**

**DIV. OF OIL, GAS & MINING**



JON M. HUNTSMAN, JR.  
Governor

GARY R. HERBERT  
Lieutenant Governor

**State of Utah**  
DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

**Division of Oil, Gas and Mining**

JOHN R. BAZA  
Division Director

July 16, 2008

Augustus Energy Partners, LLC  
2016 Grand Ave., Ste. A  
Billings, MT 59102

Re: San Arroyo 1625-220 Well, 946' FSL, 1424' FEL, SW SE, Sec. 22, T. 16 South,  
R. 25 East, Grand County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-019-31580.

Sincerely,

Gil Hunt  
Associate Director

pab  
Enclosures

cc: Grand County Assessor  
Bureau of Land Management, Moab Office



**Operator:** Augustus Energy Partners, LLC  
**Well Name & Number** San Arroyo 1625-220  
**API Number:** 43-019-31580  
**Lease:** UTU-0307-A

**Location:** SW SE                      **Sec.** 22                      **T.** 16 South                      **R.** 25 East

**Conditions of Approval**

**1. General**

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

**2. Notification Requirements**

Notify the division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dustin Doucet at (801) 538-5281    (801) 733-0983 home

**3. Reporting Requirements**

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

**4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.**

**5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED  
MOAB FIELD OFFICE  
2008 JUN 16 AM 10:07

APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No. UTU-0307-A	
6. If Indian, Allottee or Tribe Name NA	
7. If Unit or CA Agreement, Name and No. <del>NA</del> UTM 63022X San Arroyo	
8. Lease Name and Well No. San Arroyo 1625-220	
9. API Well No. 43-019-31580	
10. Field and Pool, or Exploratory San Arroyo	
11. Sec., T. R. M. or Blk. and Survey or Area Sec 22, T16S, R25E	
12. County or Parish Grand	13. State UT
14. Distance in miles and direction from nearest town or post office* 28.4 miles northwest of Mack, Colorado	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 946'	16. No. of acres in lease 1000
17. Spacing Unit dedicated to this well 40 acres	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 1700'	19. Proposed Depth 6,700'
20. BLM/BIA Bond No. on file UTB000317	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 7564.5 GL	22. Approximate date work will start* 09/01/2008
23. Estimated duration 30 days	

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, must be attached to this form:

- |  |   |
|--|---|
| 1. Well plat certified by a registered surveyor.   | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan.  | 5. Operator certification   |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the BLM.             |

25. Signature <i>Ginger Bowden</i>	Name (Printed/Typed) Ginger Bowden	Date 06/13/2008
Title Agent		

Approved by (Signature) <i>/s/ Lynn Jackson</i>	Name (Printed/Typed) /s/ Lynn Jackson	Date 9/8/08
Title Assistant Field Manager, Division of Resources	Office Division of Resources Moab Field Office	

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 2)

\*(Instructions on page 2)

CONDITIONS OF APPROVAL ATTACHED

RECEIVED

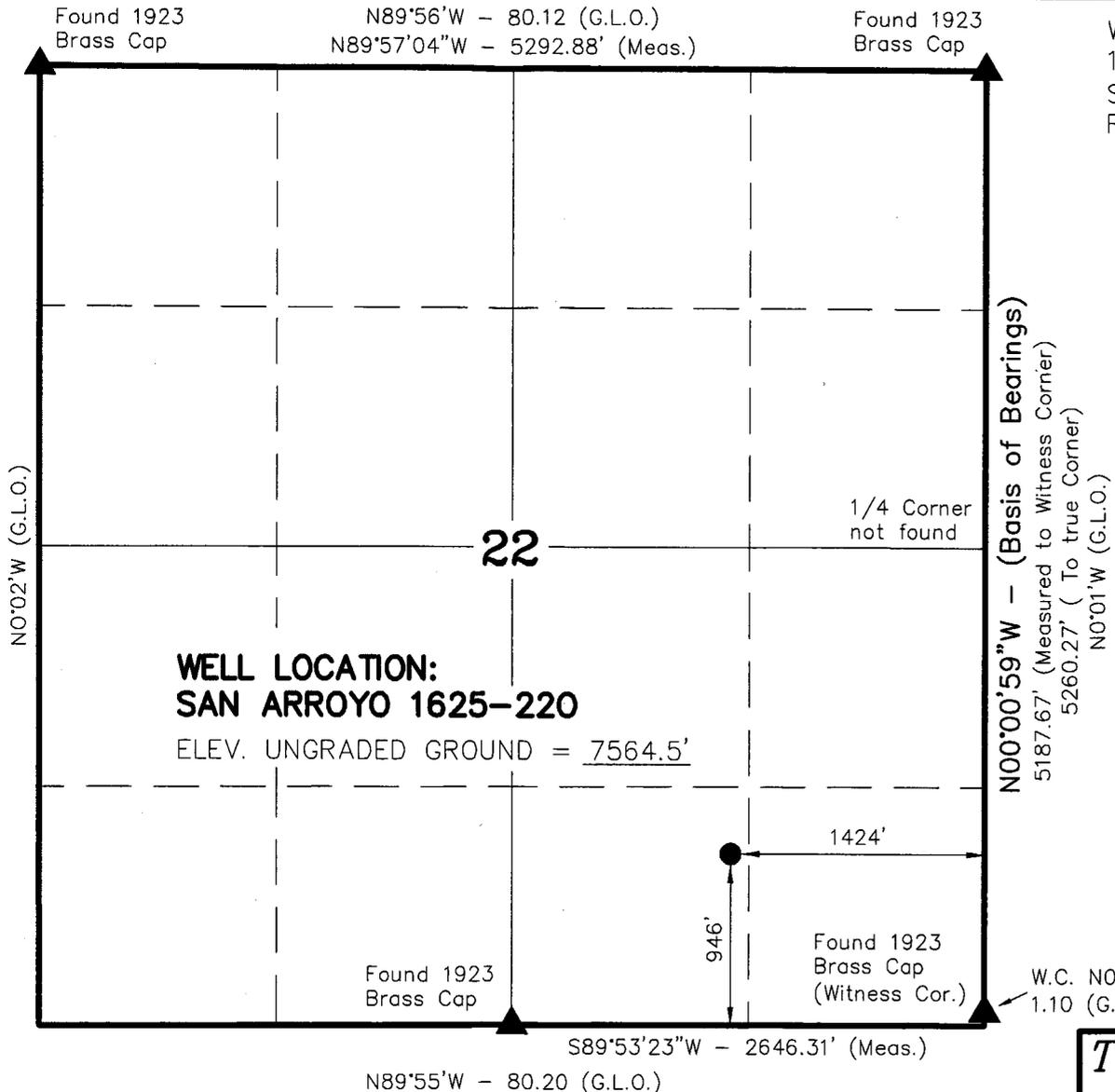
SEP 11 2008

DIV. OF OIL, GAS & MINING

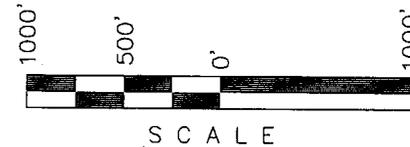
CONFIDENTIAL

# T16S, R25E, S.L.B.&M.

# AUGUSTUS ENERGY PARTNERS, LLC



WELL LOCATION, SAN ARROYO 1625-220, LOCATED AS SHOWN IN THE SW 1/4 SE 1/4 OF SECTION 22, T16S, R25E, S.L.B.&M. GRAND COUNTY, UTAH.



**NOTES:**

1. Well footages are measured at right angles to the Section Lines.
2. G.L.O. distances are shown in feet or chains. 1 chain = 66 feet.
3. Bearings are based on Global Positioning Satellite observations.

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ORIGINAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR  
REGISTRATION No. 6028691  
STATE OF UTAH  
JOHN R. LAUGH

*John R. Laugh*

REGISTERED LAND SURVEYOR  
REGISTRATION No. 6028691  
STATE OF UTAH

▲ = SECTION CORNERS LOCATED

BASIS OF ELEVATION IS A BLACK ELEVATION AT THE NORTHWEST CORNER OF SECTION 22, T16S, R25E, S.L.B.&M. WHICH IS SHOWN ON THE SAN ARROYO RIDGE 7.5 MIN. QUADRANGLE AS BEING 7842'.

**SAN ARROYO 1625-220**  
(Proposed Well Head)  
NAD 83 Autonomous  
LATITUDE = 39° 23' 48.3"  
LONGITUDE = 109° 08' 22.1"

**TIMBERLINE** (435) 789-1365  
ENGINEERING & LAND SURVEYING, INC.  
38 WEST 100 NORTH - VERNAL, UTAH 84078

DATE SURVEYED: 8-15-07	SURVEYED BY: M.B.	<b>SHEET</b> <b>2</b> <b>OF 10</b>
DATE DRAWN: 8-29-07	DRAWN BY: J.R.S.	
SCALE: 1" = 1000'	Date Last Revised: 05-15-08	

Augustus Energy Partners, LLC  
**San Arroyo 1625-220**  
San Arroyo Unit  
Lease UTU-0370-A  
SW/SE Sec. 22, T16S, R25E  
Grand County, Utah

**A COMPLETE COPY OF THIS APPROVED PERMIT and Conditions of Approval shall be maintained on location during all construction and drilling operations, and shall be available to contractors to ensure compliance.**

#### CONDITIONS OF APPROVAL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be advised that Augustus Energy Partners, LLC is considered to be the operator of the above well and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands.

Bond coverage for this well is provided by **UTB000317** (Principal – Augustus Energy Partners, LLC) via surety consent as provided for in 43 CFR 3104.2.

This office will hold the aforementioned operator and bond liable until the provisions of 43 CFR 3106.7-2 continuing responsibility are met.

This permit will be valid for a period of two years from the date of approval. An extension of this permit will be considered only if a written request is received prior to APD expiration. After permit termination, a new application must be filed for approval.

All lease operations will be conducted in full compliance with applicable regulations (43 CFR 3100), Onshore Oil and Gas Orders, lease terms, notices to lessees, and the approved plan of operations. The operator is fully responsible for the actions of subcontractors. Failure to comply with the provisions of this permit, including applicable regulations, stipulations, and/or approval conditions, will be considered a violation subject to the enforcement provisions of 43 CFR Subpart 3163.

## A. DRILLING PROGRAM

1. The proposed 3M BOP system is adequate for anticipated conditions. Installation, testing and operation of the system shall be in conformance with Onshore Oil and Gas Order No. 2.
2. Concurrent approval from the State of Utah, Division of Oil, Gas & Mining (DOGM) is required before conducting any surface disturbing activities.
3. Drilling reports, which describe the activities of each day, shall be submitted to the BLM Moab Field Office on a weekly, or more frequent, basis. In addition to a daily summary of activities, drilling reports shall include the drilling fluid weight, details of casing and cement, water flows, lost circulation zones and any other information that would contribute to our understanding of drilling conditions.
4. A Cement Bond Log (CBL) or other appropriate tool to verify cement placement and integrity shall be run on the production casing.
5. Hydrocarbons produced from each unit participating area (PA), or from a formation(s) not attributable to a PA, must be produced, handled and measured separately. Commingling of production requires prior approval as determined by reservoir compatibility, e.g. pressure, composition and ownership.

## **B. SURFACE**

1. In order to protect nesting raptors, no road or well pad construction, drilling or well completion operations, or construction of production facilities will be authorized between March 15 and August 31. This restriction would reduce potential impacts to other bird species. This limitation does not apply to maintenance and operation of producing wells. Exceptions may be granted to this limitation and will be specified in writing by the Moab Field Office.
2. Dust control will be provided during construction and drilling operations by spraying fresh water on new road construction, roads being maintained, and the well pad.
3. No produced water or other fluids will be disposed on the well pad or roads.
4. If the well becomes a producing well, a tank surrounded by an earthen berm will be used to contain produced water. This is in order to eliminate the need for a pit during production.
5. The operator shall maintain the existing roads in a safe, usable condition, as directed by the Moab Field Office and Grand County Road Department. The maintenance program shall include, but is not limited to, blading, ditching, installing culverts, and if needed, surfacing the road with rock materials. The operator shall conduct all activities associated with the Grand County roads within the existing surface disturbances of the maintained roads. The operator shall repair all damages to the county roads resulting from traffic associated with constructing, drilling, and producing the well.
6. The operator must power-wash all vehicles and equipment prior to entering the project area.
7. The operator will be responsible for weed control on the disturbed areas within the limits of the well pad and road construction. The operator will be responsible for consultation with the authorized officer and/or local authorities for acceptable weed control methods.
8. The operator shall salvage the topsoil from entire disturbed area of the location prior to construction of the pad. This includes removal of topsoil from the areas where spoil piles will be stored.

9. The operator will paint all permanent (in place for 6 months or more) above ground structures a color that will match the surrounding environment. The color that has been chosen for this location is Beetle.
  
10. Impacts from new well pad and road construction would be minimized by appropriate drainage control (ie. water bars, low water crossings in ephemeral drainages, etc). If the well goes into production, mitigation of impacts to soils would include 1) upgrading the road to BLM Gold Book standards if/when the wells go to production and 2) reclamation of any unused areas (ie. well pad, unneeded road access). If the well is not produced, then reclamation would mitigate and reduce impacts to soils.
  
11. Drill pad and new road to a non-producing well should be reclaimed. Reclamation should include removal of new road and the incorporation of a seed mix that would provide a vegetation structure as close to the existing plant community as possible.
  
12. The operator will monitor for noxious weeds that might move onto the location. If any are discovered a Integrated Pest Management Plan will be created and need BLM approval prior to beginning any treatment program.
  
13. The operator will report any vertebrate fossil(s) found during construction within the project area. The operator is responsible for informing all persons in the area who are associated with this project of the requirements for protecting paleontological resources.
  
14. Please contact Ben Kniola, Natural Resource Specialist, @ (435) 259-2127, Bureau of Land Management, Moab, if there are any questions concerning these surface use COAs.

### C. REQUIRED APPROVALS, REPORTS AND NOTIFICATIONS

Required verbal notifications are summarized in Table 1, attached.

Building Location- Notify the Moab Field Office at least 48-hours prior to commencing construction of location.

Spud- Notify the Moab Field Office 24-hours prior to spud. Submit written notification (Sundry Notice, Form 3160-5) to the Moab Field Office within 24-hours after spud, regardless of whether using a dry hole digger or big rig.

Daily Drilling Reports- Daily drilling reports that describe the progress and status of the well shall be submitted to the Moab Field Office on at least a weekly basis. This report may be in any format customarily used by the operator.

Oil and Gas Operations Reports (OGORs)- Production from this well shall be reported to Minerals Management Service (MMS) on a monthly basis.

Sundry Notices- Any modification to the proposed drilling program shall be submitted to the Moab Field Office on a Sundry Notice (Form 3160-5). Regulations at 43 CFR 3162.3-2 describe which operations require prior approval, and which require notification.

Drilling Suspensions- Operations authorized by this permit shall not be suspended for more than 30 days without prior approval of the Moab Field Office. All conditions of this approval shall be applicable during any operations conducted with a replacement rig.

Undesirable Events- Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be immediately reported to the BLM in accordance with requirements of NTL-3A.

Cultural Resources- If cultural resources are discovered during construction, immediately notify the Moab Field Office, and work that might disturb the cultural resources shall cease.

First Production- A first production conference will be scheduled as soon as the productivity of the well is apparent. This conference should be coordinated through the Moab Field Office.

Notify the Moab Field Office when the well is placed into production. Initial notification may be verbal, but must be confirmed in writing within five business days. Please include the date production started, the producing formation and production volumes.

Well Completion Report- Whether the well is completed as a dry hole or as a producer, a *Well Completion or Recompletion Report and Log* (Form 3160-4) shall be submitted to the Moab Field Office within thirty-days after completion of the well. Two copies of all logs, core descriptions, core analyses, well test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. When requested, samples (cuttings and/or samples) will be submitted to the Moab Field Office.

Venting/Flaring of Gas- Gas produced from this well may not be vented/flared beyond an initial, authorized test period of 30 days or 50 MMcf, whichever first occurs, without the prior, written approval of the Moab Field Office. Should gas be vented or flared without approval beyond the authorized test period, the well may be ordered to be shut-in until the gas can be captured or until approval to continue the venting/flaring pursuant to NTL-4A is granted. Compensation shall be due for gas that is vented/flared without approval.

Produced Water- An application for approval of a permanent disposal method and location will be submitted to the Moab Field Office for approval pursuant to Onshore Oil and Gas Order No.7.

Off-Lease Measurement, Storage, Commingling- Prior approval must be obtained from the Moab Field Office for off-lease measurement, off-lease storage and/or commingling of production prior to the sales measurement point. The term "commingling" describes both the combining of production from different geologic zones and/or combining production from different leases or agreement areas.

Plugging and Abandonment- If the well is a dry hole, plugging instructions must be obtained from the Moab Field Office prior to initiating plugging operations.

A "Subsequent Report of Abandonment" (Sundry Notice, Form 3160-5) will be filed with the Moab Field Office within thirty-days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Upon completion of approved plugging, a regulation marker will be erected in accordance with 43 CFR 3162.6. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the Moab Field Office or the appropriate surface managing agency.

## TABLE 1

### NOTIFICATIONS

Notify Ben Kniola (435-259-2127), Dave Skinner (435-259-2145) or Jack Johnson (435-259-2129) of the BLM Moab Field Office for the following:

1 day prior to spud (Kniola or Skinner);

50 feet prior to reaching the surface casing setting depth (Johnson);

3 hours prior to testing BOP equipment (Johnson).

If the person at the above number cannot be reached, notify the BLM Moab Field Office at 435-259-2100.

Well abandonment operations require 24-hour advance notice and prior approval. In the case of newly drilled dry holes, verbal approval can be obtained from:

Eric Jones, Petroleum Engineer

Office: 435-259-2117

Home: 435-259-2214

**DIVISION OF OIL, GAS AND MINING**

**SPUDDING INFORMATION**

Name of Company: AUGUSTUS ENERGY PARTNERS LLC

Well Name: SAN ARROYO 1625-220

Api No: 43-019-31580 Lease Type: FEDERAL

Section 22 Township 16S Range 25E County GRAND

Drilling Contractor \_\_\_\_\_ RIG # \_\_\_\_\_

**SPUDDED:**

Date 10/18/08

Time \_\_\_\_\_

How DRY

**Drilling will Commence:** \_\_\_\_\_

Reported by MITT

Telephone # (406) 480-3135

Date 10/20//08 Signed CHD

**ROBERT L. BAYLESS, PRODUCER LLC**

Casing Talley Sheet  
(Production Casing)

**CONFIDENTIAL**

Page 1 of 2

Well Name: **SAN ARROYO 1625-220**

Date Talled: \_\_\_\_\_

Location: Sec: 22 Twn: 16S Rge: 25E *43-019-31580*

County & State: Grand, Utah

O.D.: <u>4.5</u>	Wt.: <u>36</u>	Grade: <u>wtc-80</u>	Thread: <u>stc</u>	Joint Numbers: <u>124</u>
O.D.: _____	Wt.: _____	Grade: _____	Thread: _____	Joint Numbers: _____
O.D.: _____	Wt.: _____	Grade: _____	Thread: _____	Joint Numbers: _____
O.D.: _____	Wt.: _____	Grade: _____	Thread: _____	Joint Numbers: _____
O.D.: _____	Wt.: _____	Grade: _____	Thread: _____	Joint Numbers: _____

NO.	FEET	NO.	FEET	NO.	FEET	NO.	FEET	NO.	FEET	NO.	FEET
1	1.15	56	43.82	111		166		221		276	
2	43.81	57	43.83	112		167		222		277	
3	1.25	58	43.81	113		168		223		278	
4	43.80	59	43.85	114		169		224		279	
5	43.79	60	43.83	115		170		225		280	
6	43.80	61	43.86	116		171		226		281	
7	43.80	62	43.78	117		172		227		282	
8	43.81	63	43.83	118		173		228		283	
9	43.75	64	43.82	119		174		229		284	
10	43.80	65	43.79	120		175		230		285	
11	43.80	66	43.83	121		176		231		286	
12	43.83	67	43.83	122		177		232		287	
13	43.83	68	43.80	123		178		233		288	
14	43.79	69	43.83	124		179		234		289	
15	43.79	70	43.83	125		180		235		290	
16	43.78	71	43.81	126		181		236		291	
17	43.80	72	43.79	127		182		237		292	
18	43.84	73	43.85	128		183		238		293	
19	43.80	74	43.80	129		184		239		294	
20	43.82	75	43.82	130		185		240		295	
21	43.85	76	43.85	131		186		241		296	
22	43.81	77	43.83	132		187		242		297	
23	43.82	78	43.83	133		188		243		298	
24	43.82	79	43.81	134		189		244		299	
25	43.82	80	43.83	135		190		245		300	
26	43.83	81	43.82	136		191		246		301	
27	43.80	82	43.82	137		192		247		302	
28	43.86	83	43.80	138		193		248		303	
29	43.84	84	43.78	139		194		249		304	
30	43.83	85	43.85	140		195		250		305	
31	43.81	86	43.83	141		196		251		306	
32	43.81	87	43.80	142		197		252		307	
33	43.80	88	43.81	143		198		253		308	
34	43.89	89	43.81	144		199		254		309	
35	43.84	90	43.83	145		200		255		310	
36	43.85	91	43.82	146		201		256		311	
37	43.82	92	43.83	147		202		257		312	
38	43.81	93	43.88	148		203		258		313	
39	43.82	94	43.83	149		204		259		314	
40	43.83	95	43.83	150		205		260		315	
41	43.79	96	43.88	151		206		261		316	
42	43.86	97	43.83	152		207		262		317	

(10/28/2008) Carol Daniels Morning report 1625-220.xls											Page 32
44	43.83	99	43.84	154	208	263	318				
45	43.82	100	43.86	155	209	264	319				
46	43.81	101	43.85	156	210	265	320				
47	43.80	102	43.90	157	211	266	321				
48	43.85	103	43.83	158	212	267	322				
49	43.81	104	43.85	159	213	268	323				
50	43.83	105	43.83	160	214	269	324				
51	43.82	106	43.86	161	215	270	325				
52	43.82	107	21.93	162	216	271	326				
53	43.81	108	16.16	163	217	272	327				
54	43.83	109		164	218	273	328				
55	43.79	110		165	219	274	329				
					220	275	330				
1-55	2324.67	56-110	2273.35	111-165	0	166-220	0	221-275	0	276-330	0

**ROBERT L BAYLESS PRODUCERS LLC**

Casing Talley Sheet  
(Production Casing)

Page 2 of 2

Well Name: **SAN ARROYO 1625-220**  
 Location: Sec: 22 Twn: 16S Rge: 25E  
 County & State: Grand, Utah

**TOTALS:**

1-55	2324.67	166-220	0.00
56-110	2273.35	221-275	0.00
111-165	0.00	276-330	0.00

Total Joints Tallied: 106  
 Total Length Tallied: 4598.02  
 Total Joints **RUN**: 104  
 Total Length **RUN**: 4505.33  
 (Length Charged to Well)  
 Joint #'s **NOT** Run: 2  
 Total length **NOT** Run: 92.69

**CASING RECORD:**

	Length	Type
Float Shoe:	1.15	super seal
Shoe Joint(s):	43.90	Jt. #: 1
Float Collar:	1.25	super seal
Stage Collar:	NA	
No. Centralizers:		

Float Shoe Landed @: 4505 K.B.  
 Float Collar Landed @: 4461 K.B.  
 Stage Collar Landed @: 0 K.B.

Casing size & Depth Landed: 4.5@4505 rkb K.B.

**CEMENTING RECORD:**

CEMENTING , PUMP 40 BBL SPACER,PUMP 230 SKS 11# HIGH FILL CEMENT  
 PUMPED 550 SKS 14.2# 50/50 POZ , DISPLACED W/69 BBLs WATER 760 PSI , PLUGS BUMPED @ 1280PSI  
 FLOATS HELD,

**AGUSTUS ENERGY PARTNERS LLC**

**Casing Talley Sheet  
(Surface Casing)**

Well Name: **SAN ARROYO 1625-22O**

Date Talled: 8/12/2008

Location: Sec: 22 Twn: 16S Rge: 25E

County & State: Grand, Utah

O.D.: 9.625 Wt.: 36# Grade: K-55 Thread: stc Joint Numbers: 1-14  
O.D.: \_\_\_\_\_ Wt.: \_\_\_\_\_ Grade: \_\_\_\_\_ Thread: \_\_\_\_\_ Joint Numbers: \_\_\_\_\_

NO.	FEET	NO.	FEET	NO.	FEET	NO.	FEET	NO.	FEET	NO.	FEET
1	38.36	21		41		61		81		101	
2	39.13	22		42		62		82		102	
3	38.60	23		43		63		83		103	
4	37.67	24		44		64		84		104	
5	38.69	25		45		65		85		105	
6	39.22	26		46		66		86		106	
7	37.61	27		47		67		87		107	
8	39.42	28		48		68		88		108	
9	38.76	29		49		69		89		109	
10	38.22	30		50		70		90		110	
11	21.61	31		51		71		91		111	
12		32		52		72		92		112	
13		33		53		73		93		113	
14		34		54		74		94		114	
15		35		55		75		95		115	
16		36		56		76		96		116	
17		37		57		77		97		117	
18		38		58		78		98		118	
19		39		59		79		99		119	
20		40		60		80		100		120	
1-20	407.29	21-40	0.00	41-60	0.00	61-80	0.00	81-100	0.00	101-120	0.00

**TOTALS:**

1-20	407.29	61-80	0.00
21-40	0.00	81-100	0.00
41-60	0.00	101-120	0.00

Total Joints Talled: 11  
Total Length Talled: 407.29  
Total Joints **RUN**: 10  
Total Length **RUN**: 361.46  
(Length Charged to Well)  
Joint #'s **NOT** Run: 1  
Total length **NOT** Run: 45.83

**CASING RECORD:**

	Length	Type
Float Shoe:	1.50	GUIDE
Shoe Joint(s):	38.36	Jt. #: 1
Float Collar:	1.23	Super Seal
Stage Collar:	NA	
No. Centralizers:		6

Float Shoe Landed @: 364 K.B.  
Float Collar Landed @: 326 K.B.  
Stage Collar Landed @: \_\_\_\_\_ K.B.

Casing size & Depth Landed: 9 5/8" K-55 @364.19K.B.

**CEMENTING RECORD:**

PUMPED 80SKS,PREMIUM CEMENT,+2%CALCIUM CHLORIDE,+25LBSCELLOFLAKE,+2#KOL,6%BENTONITE,PUMP 70 SKS G CLA  
2LBSKOL, + 25LBS CELLO FLAKE, DISPLACED 24.5 BBLs, NO BUMP, PUMP 3 BBLs OVER BUMP 276 PSI, FLOATS HELD  
17.4 BBLs CEMENT TO SURFACE, GOOD RETURNS THRU OUT

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### CASING TALLY SHEET

**WELL NAME AND NUMBER** weaver ridge 13-9 **DATE** 8/16/2008

**Drilled Depth:** 4515.00 **Casing Shoe Depth** 4505.00 **Ft. Collar Depth**

**Rig** ellenburg 14 **Sub Hieght** 11.00 **Csg set Depth** **Jts. On Loc.**

**O.D.** 5 **WT.** 12 **GRD** wtc-80 **TRD** ltc **Joints Used**

Joint NO.	FH Petroleum				REMARKS
	ITEM	LENGTH (ft.)	DEPTH (ft.)	TOTAL (ft.)	
A	SHOE	1.15	4505.00		
B	FI Collar	43.81	4461.19	44.96	
C	float collar	1.25	4459.94	46.21	
D	Stage tool	0.00	4459.94	46.21	
1	Casing	43.80	4416.14	90.01	
2	Casing	43.79	4372.35	133.80	
3	Casing	43.80	4328.55	177.60	
4	Casing	43.80	4284.75	221.40	
5	Casing	43.81	4240.94	265.21	
6	Casing	43.75	4197.19	308.96	
7	Casing	43.80	4153.39	352.76	
8	Casing	43.80	4109.59	396.56	
9	Casing	43.83	4065.76	440.39	
e	maker	21.93	4043.83	462.32	marker
10	Casing	43.83	39:0.00	506.15	
11	Casing	43.79	3956.21	549.94	
12	Casing	43.79	3912.42	593.73	
13	Casing	43.78	3868.64	637.51	
14	Casing	43.80	3824.84	681.31	
15	Casing	43.84	3781.00	725.15	
16	Casing	43.80	3737.20	768.95	
17	Casing	43.82	3693.38	812.77	
18	Casing	43.82	3649.56	856.59	
19	Casing	43.81	3605.75	900.40	
20	Casing	43.82	3561.93	944.22	
21	Casing	43.82	3518.11	988.04	
22	Casing	43.82	3474.29	1031.86	
23	Casing	43.83	3430.46	1075.69	
24	Casing	43.80	3386.66	1119.49	
25	Casing	43.86	3342.80	1163.35	
26	Casing	43.84	3298.96	1207.19	
27	Casing	43.83	3255.13	1251.02	
28	Casing	43.80	3211.33	1294.82	
29	Casing	43.81	3167.52	1338.63	
30	Casing	43.80	3123.72	1382.43	
31	Casing	43.89	3079.83	1426.32	
32	Casing	43.84	3035.99	1470.16	
33	Casing	43.85	2992.14	1514.01	
34	Casing	43.82	2948.32	1557.83	

35	Casing	43.81	2904.51	1601.64		
36	Casing	43.82	2860.69	1645.46		
37	Casing	43.83	2816.86	1689.29		
38	Casing	43.79	2773.07	1733.08		
39	Casing	43.86	2729.21	1776.94		
40	Casing	43.80	2685.41	1820.74		
41	Casing	43.83	2641.58	1864.57		
42	Casing	43.82	2597.76	1908.39		
43	Casing	43.81	2553.95	1952.20		
44	Casing	43.81	2510.14	1996.01		
45	Casing	43.80	2466.34	2039.81		
46	Casing	43.85	2422.49	2083.66		
47	Casing	43.81	2378.68	2127.47		
48	Casing	43.84	2334.84	2171.31		
49	Casing	43.82	2291.02	2215.13		
50	Casing	43.82	2247.20	2258.95		
51	Casing	43.81	2203.39	2302.76		
52	Casing	43.83	2159.56	2346.59		
53	Casing	43.79	2115.77	2390.38		
54	Casing	43.82	2071.95	2434.20		
55	Casing	43.83	2028.12	2478.03		
56	Casing	43.81	1984.31	2521.84		
57	Casing	43.85	1940.46	2565.69		
58	Casing	43.83	1896.63	2609.52		
59	Casing	43.86	1852.77	2653.38		
60	Casing	43.78	1808.99	2697.16		
61	Casing	43.83	1765.16	2740.99		
62	Casing	43.82	1721.34	2784.81		
63	Casing	43.79	1677.55	2828.60		
64	Casing	43.83	1633.72	2872.43		
65	Casing	43.83	1589.89	2916.26		
66	Casing	43.80	1546.09	2960.06		
67	Casing	43.83	1502.26	3003.89		
68	Casing	43.83	1458.43	3047.72		
69	Casing	43.81	1414.62	3091.53		
70	Casing	43.79	1370.83	3135.32		
71	Casing	43.85	1326.98	3179.17		
72	Casing	43.80	1283.18	3222.97		
73	Casing	43.82	1239.36	3266.79		
74	Casing	43.85	1195.51	3310.64		
75	Casing	43.83	1151.68	3354.47		
76	Casing	43.83	1107.85	3398.30		
77	Casing	43.81	1064.04	3442.11		
78	Casing	43.83	1020.21	3485.94		
79	Casing	43.82	976.39	3529.76		
80	Casing	43.82	932.57	3573.58		
81	Casing	43.80	888.77	3617.38		
82	Casing	43.78	844.99	3661.16		

83	Casing	43.85	801.14	3705.01		
84	Casing	43.83	757.31	3748.84		
85	Casing	43.80	713.51	3792.64		
86	Casing	43.81	669.70	3836.45		
87	Casing	43.81	625.89	3880.26		
88	Casing	43.83	582.06	3924.09		
89	Casing	43.82	538.24	3967.91		
90	Casing	43.83	494.41	4011.74		
91	Casing	43.88	450.53	4055.62		
92	Casing	43.83	406.70	4099.45		
93	Casing	43.83	362.87	4143.28		
94	Casing	43.88	318.99	4187.16		
95	Casing	43.83	275.16	4230.99		
96	Casing	43.83	231.33	4274.82		
97	Casing	43.84	187.49	4318.66		
98	Casing	43.86	143.63	4362.52		
99	Casing	43.85	99.78	4406.37		
100	Casing	43.90	55.88	4450.27		
101	Casing	43.50	12.38	4493.77		
102	Casing	16.16	-3.78	4509.93		
103	Casing		-3.78	4509.93		
104	Casing		-3.78	4509.93		
105	Casing		-3.78	4509.93		
106	Casing		-3.78	4509.93		
107	Casing	43.83	-47.61	4553.76		
108	Casing	43.86	-91.47	4597.62		
109	Casing	0.00	-91.47	4597.62		
110	Casing	0.00	-91.47	4597.62		
111	Casing		-91.47	4597.62		
112	Casing		-91.47	4597.62		
113	Casing		-91.47	4597.62		
114	Casing		-91.47	4597.62		
115	Casing		-91.47	4597.62		
116	Casing		-91.47	4597.62		
117	Casing		-91.47	4597.62		
118	Casing		-91.47	4597.62		
120	Casing		-91.47	4597.62		
121	Casing		-91.47	4597.62		
122	Casing		-91.47	4597.62		
123	Casing		-91.47	4597.62		
124	Casing		-91.47	4597.62		
125	Casing		-91.47	4597.62		
126	Casing		-91.47	4597.62		
127	Casing		-91.47	4597.62		
128	Casing			4597.62		
129	Casing			4597.62		
130	Casing					
131	Casing					

# AUGUSTUS ENERGY PARTNERS LLC.

## DAILY DRILLING REPORT

# CONFIDENTIAL

43-019-31580

REPORTED BY: WHIP DAHL RIG PHONE NO.: \_\_\_\_\_ CEL PHONE NO: 6480-3135/307-749-5820

DATE: 10/22/2008 WELL NAME: SAN ARROYO 1625-220

DAYS SINCE SPUD: 0 LOCATION: SEC: 22 TWN: 16S RGE: 25E

DEPTH: 0 COUNTY & STATE: Grand, Utah

FOOTAGE LAST 24 HRS: 0 PROJECTED T.D.: 6700'

FORMATION: \_\_\_\_\_ DRILLING CONTRACTOR: FRONTIER # 5

PRESENT OPERATION: moving in drilling rig LAST CSG SIZE & DEPTH: \_\_\_\_\_

### 24 HOUR BREAKDOWN

RIG UP/DWN: \_\_\_\_\_ DRLG: 0.00 REAMING: \_\_\_\_\_ CORING: \_\_\_\_\_ CIRC: 4.00 TRIPS: \_\_\_\_\_

RIG SERVICE: \_\_\_\_\_ RIG REPAIR: 0.50 CUT D.L. \_\_\_\_\_ SURVEY: \_\_\_\_\_ LOG: \_\_\_\_\_ RUN CSG: \_\_\_\_\_

CEMENT: \_\_\_\_\_ WOC: \_\_\_\_\_ NIPPLE UP/DWN: \_\_\_\_\_ TEST BOP: \_\_\_\_\_ DST: \_\_\_\_\_ PLUG BACK: \_\_\_\_\_

P.U./L.D. TOOLS: \_\_\_\_\_ W.O.O.: \_\_\_\_\_ MISC: \_\_\_\_\_

TOTAL HOURS: **4.50**

### MUD PROPERTIES

MUD COMPANY: ARNOLD ENGINEERING

MUD WT: 8.4 VISC: 64 WTR LOSS 6.0 F/C: \_\_\_\_\_ PH: 9 GELS \_\_\_\_\_ PV: \_\_\_\_\_ YP: \_\_\_\_\_

CHLORIDES: \_\_\_\_\_ SOLIDS: \_\_\_\_\_ SAND: \_\_\_\_\_ CALCIUM: \_\_\_\_\_ OTHER: \_\_\_\_\_

PUMP NO: 1 PRESS: 450 SPM: 113 LINERS: 6" X 7.75" GPM: 348.04 ANN. VEL.: \_\_\_\_\_ DC: \_\_\_\_\_

PUMP NO: 2 PRESS: \_\_\_\_\_ SPM: \_\_\_\_\_ LINERS: \_\_\_\_\_ X \_\_\_\_\_ GPM: \_\_\_\_\_ DP: \_\_\_\_\_

### REMARKS/CASING/CEMENT

SAT OCT. 11TH COMPANY HAND DROVE TO COLOARADO (FRONTIER MOVING RIG MON AM)

MONDAY RIG DELAYED (ROLLED DOGHOUSE AND WATER TANK)

ROAD UNSAFE HAULED GRAVEL TO MAKE ROAD SAFE

RIG TO MOVE THURS ,FRI,SAT,SUN,MON,DELAYED AGAIN

TEUSDAY RIG MOVING DELAYED

WEDNESDAY RIG ACTUALLY MOVING SOME LOADS TO WITHIN 4 MILES (STAGING FOR BED TRUCK)

### SURVEYS

SEE ATTACHED DIRECTIONAL PROGRAM

DEPTH	ANGLE	DIRECTION	DEPTH	ANGLE	DIRECTION

### BITS

NO.	SIZE	MAKE	TYPE	SER. NO.	JETS	OUT	FTG	HRS	FT/HR	COND.
1	12.25"	REED	HP43A	TP2974	3X20					

CUM ROTATING HOURS: \_\_\_\_\_ BIT WT: 10-25k ROTARY RPM: \_\_\_\_\_ MOTOR RPM: \_\_\_\_\_

BOTTOM HOLE ASSEMBLY: BIT,MTR,2XNMDC,HWDP

AGUSTUS ENERGY PARTNERS LLC.  
DAILY/CUMULATIVE WELL COSTS

WELL NAME &amp; NUMBER:

**SAN ARROYO 1625-22O**DATE: **10/22/2008**

ACCT NO.	DESCRIPTION	AFE	DAILY	CUM	REMARKS
830.010	Permits & Surveys	\$ 15,000	\$ -	\$ -	
830.030	Location & Roads	\$ 40,000	\$ 34,955	\$ 34,955	
830.050	Rig Mobilization / Demobilization	\$ 33,500	\$ -	\$ -	
830.060	Dayrate Drilling	\$ 115,200	\$ -	\$ -	
830.070	Gravel Road (Safety)		\$ 48,825	\$ 48,825	
830.090	Bits	\$ 25,000			
830.100	Mud and Chemicals	\$ 55,000	\$ 2,500	\$ 2,500	HAUL MUD PRODUCTS
830.110	Fuel and Power	\$ 14,400			
830.120	Water	\$ 10,000	\$ -	\$ -	
830.130	Cementing Services - Surface & Inter.	\$ 8,000			
830.140	Open Hole Logging	\$ 14,000			
830.150	Mud Logger	\$ 9,600			
830.160	Coring				
830.170	Drill Stem Testing				
830.180	Equipment Rental - Downhole	\$ 7,000	\$ 650	\$ -	
830.180	Equipment Rental - Surface	\$ 20,000	\$ 3,871	\$ 3,871	RENTALS / POTABLER H2O
830.190	Transportation	\$ 5,000	\$ 4,794	\$ 4,794	
830.210	Contract Labor & Surf. Casing Crew	\$ 4,000			
830.220	Consulting Engineer	\$ 12,800	\$ -	\$ -	
830.230	Consulting Geologist	\$ 8,800			
830.280	Surface Damages				
830.310	Directional Services	\$ 69,600	\$ -	\$ -	
	OTHER DRYHOLE COSTS	\$ 43,500	\$ 2,889	\$ 2,889	ANCHORS FOR RIG
850.010	Conductor Pipe		\$ 18,759	\$ 18,759	COND,RAT.MOUSE HOLES
850.020	Surface Casing	\$ 17,640	\$ 3,471	\$ 3,471	FLOAT SHOE AND CENT.
850.030	Intermediate Casing				
850.050	Casing Heads & Spools	\$ 4,000			
840.130	Cementing Services - Production	\$ 31,700			
840.320	Casing Crews and Services	\$ 3,000			
860.040	Production Casing	\$ 55,575			
	OTHER COMPLETION COSTS	\$ -			
	TOTAL DAILY/CUMULATIVE:	\$ 622,315	\$ 120,714	\$ 120,064	

AGUSTUS ENERGY PARTNERS LLC.
DAILY GEOLOGIC REPORT

WELL NAME: SAN ARROYO 1625-220

LOCATION: SEC 22 TWN 16S RGE 25E

DATE: 10/22/2008

ELEVATION K.B. 7574

DEPTH: 0

FORMATION:

CONTROL WELL: SA UNIT # 4

FORMATION TOPS

Table with columns: FORMATION NAME, SAMPLE TOP (Depth, Datum), HIGH(+)/LOW(-) (Prog, Control), PROGNOSIS (Depth, Datum), CONTROL WELL (Datum). Rows include formations like CASTLEGATE SS, MANCOS "B", etc.

MUD LOGGING DATA

LOGGING COMPANY: COLUMBINE

Background Gas: Connection Gas: Trip Gas:

SHOW REPORT

SHOW REPORT

SHOW REPORT

Three columns of 'SHOW REPORT' tables, each with DEPTH and columns for BEFORE, DURING, AFTER. Includes TL GAS and C1-C4 rows.

SAMPLE DESCRIPTION

Blank lines for sample description text.

COMMENTS

Blank lines for comments text.

# AUGUSTUS ENERGY PARTNERS LLC.

## DAILY DRILLING REPORT

CONFIDENTIAL

43-019-31580

REPORTED BY: WHIP DAHL RIG PHONE NO.: \_\_\_\_\_ CEL PHONE NO: 6-480-3135/307-749-5820

DATE: 10/23/2008 WELL NAME: SAN ARROYO 1625-220

DAYS SINCE SPUD: 0 LOCATION: SEC: 22 TWN: 16S RGE: 25E

DEPTH: 0 COUNTY & STATE: Grand, Utah

FOOTAGE LAST 24 HRS: 0 PROJECTED T.D.: 6700'

FORMATION: \_\_\_\_\_ DRILLING CONTRACTOR: FRONTIER # 5

PRESENT OPERATION: moving in drilling rig LAST CSG SIZE & DEPTH: \_\_\_\_\_

### 24 HOUR BREAKDOWN

RIG UP/DWN: 24.00 DRLG: 0.00 REAMING: \_\_\_\_\_ CORING: \_\_\_\_\_ CIRC: \_\_\_\_\_ TRIPS: \_\_\_\_\_

RIG SERVICE: \_\_\_\_\_ RIG REPAIR: \_\_\_\_\_ CUT D.L. \_\_\_\_\_ SURVEY: \_\_\_\_\_ LOG: \_\_\_\_\_ RUN CSG: \_\_\_\_\_

CEMENT: \_\_\_\_\_ WOC: \_\_\_\_\_ NIPPLE UP/DWN: \_\_\_\_\_ TEST BOP: \_\_\_\_\_ DST: \_\_\_\_\_ PLUG BACK: \_\_\_\_\_

P.U./L.D. TOOLS: \_\_\_\_\_ W.O.O.: \_\_\_\_\_ MISC: \_\_\_\_\_

TOTAL HOURS: **24.00**

### MUD PROPERTIES

MUD COMPANY: ARNOLD ENGINEERING

MUD WT: 8.4 VISC: 64 WTR LOSS 6.0 F/C: \_\_\_\_\_ PH: 9 GELS \_\_\_\_\_ PV: \_\_\_\_\_ YP: \_\_\_\_\_

CHLORIDES: \_\_\_\_\_ SOLIDS: \_\_\_\_\_ SAND: \_\_\_\_\_ CALCIUM: \_\_\_\_\_ OTHER: \_\_\_\_\_

PUMP NO: 1 PRESS: 450 SPM: 113 LINERS: 6" X 7.75" GPM: 348.04 ANN. VEL.: DC: \_\_\_\_\_

PUMP NO: 2 PRESS: \_\_\_\_\_ SPM: \_\_\_\_\_ LINERS: \_\_\_\_\_ X \_\_\_\_\_ GPM: \_\_\_\_\_ DP: \_\_\_\_\_

### REMARKS/CASING/CEMENT

06:00 - 18:00 MOVE IN DRILLING RIG , DERRICK SUB , MUD TANKS , GEN SETS, DRILL COLLARS

18:00 - 06:00 RIG UP , RAISE DERRICK , PUT UP HAND RAILS , READY FLOOR , HOOK UP PUMP ,

06:00 STILL NEED CAT WALK , PUMP TWO , AND OTHER LOADS(DRILL PIPE , ECT.) BROUGHT IN

### SURVEYS SEE ATTACHED DIRECTIONAL PROGRAM

DEPTH	ANGLE	DIRECTION	DEPTH	ANGLE	DIRECTION

### BITS

NO.	SIZE	MAKE	TYPE	SER. NO.	JETS	OUT	FTG	HRS	FT/HR	COND.
1	12.25"	REED	HP43A	TP2974	3X20					

CUM ROTATING HOURS: \_\_\_\_\_ BIT WT: 10-25k ROTARY RPM: \_\_\_\_\_ MOTOR RPM: \_\_\_\_\_

BOTTOM HOLE ASSEMBLY: BIT,MTR,2XNMDC,HWDP

AGUSTUS ENERGY PARTNERS LLC.  
DAILY/CUMULATIVE WELL COSTS

WELL NAME &amp; NUMBER:

**SAN ARROYO 1625-22O**DATE: **10/23/2008**

ACCT NO.	DESCRIPTION	AFE	DAILY	CUM	REMARKS
830.010	Permits & Surveys	\$ 15,000	\$ -	\$ -	
830.030	Location & Roads	\$ 40,000		\$ 34,955	
830.050	Rig Mobilization / Demobilization	\$ 33,500	\$ 30,000	\$ 30,000	
830.060	Dayrate Drilling	\$ 115,200	\$ 16,000	\$ 16,000	
830.070	Gravel Road (Saftey)			\$ 48,825	
830.090	Bits	\$ 25,000			
830.100	Mud and Chemicals	\$ 55,000		\$ 2,500	
830.110	Fuel and Power	\$ 14,400			
830.120	Water	\$ 10,000	\$ -	\$ -	
830.130	Cementing Services - Surface & Inter.	\$ 8,000			
830.140	Open Hole Logging	\$ 14,000			
830.150	Mud Logger	\$ 9,600			
830.160	Coring				
830.170	Drill Stem Testing				
830.180	Equipment Rental - Downhole	\$ 7,000	\$ 650	\$ 650	
830.180	Equipment Rental - Surface	\$ 20,000	\$ 2,500	\$ 6,371	
830.190	Transportation	\$ 5,000		\$ 4,794	
830.210	Contract Labor & Surf. Casing Crew	\$ 4,000			
830.220	Consulting Engineer	\$ 12,800	\$ 1,300	\$ 16,900	
830.230	Consulting Geologist	\$ 8,800			
830.280	Surface Damages				
830.310	Directional Services	\$ 69,600	\$ 12,000	\$ 12,000	
	OTHER DRYHOLE COSTS	\$ 43,500		\$ 2,889	
850.010	Conductor Pipe			\$ 18,759	COND,RAT.MOUSE HOLES
850.020	Surface Casing	\$ 17,640		\$ 3,471	FLOAT SHOE AND CENT.
850.030	Intermediate Casing				
850.050	Casing Heads & Spools	\$ 4,000			
840.130	Cementing Services - Production	\$ 31,700			
840.320	Casing Crews and Services	\$ 3,000			
860.040	Production Casing	\$ 55,575			
	OTHER COMPLETION COSTS	\$ -			
	TOTAL DAILY/CUMULATIVE:	\$ 622,315	\$ 62,450	\$ 198,114	

**AGUSTUS ENERGY PARTNERS LLC.**  
**DAILY GEOLOGIC REPORT**

WELL NAME: SAN ARROYO 1625-220

LOCATION: SEC 22 TWN 16S RGE 25E

DATE: 10/23/2008

ELEVATION K.B. 7574

DEPTH: 0

FORMATION: \_\_\_\_\_

CONTROL WELL: SA UNIT # 4

**FORMATION TOPS**

FORMATION NAME	SAMPLE TOP		HIGH(+)/LOW(-)		PROGNOSIS		CONTROL WELL
	Depth	Datum	Prog	Control	Depth	Datum	Datum
CASTLEGATE SS					2119	5455	5442
MANCOS "B"					2251	5323	5309
BASE MANCOS "B"					3634	3940	3922
DAKOTA SILT					5559	2015	1994
DAKOTA SAND					5608	1966	1946
CEDAR MTN.					5714	1860	1840
MORRISON					5912	1662	1642
SALT WASH					6107	1467	1447
ENTRADA SANDSTONE					6419	1155	1134
WINGATE					6589	985	966
ID					6700	874	
					7574		
					7574		
					7574		
					7574		
					7574		

**MUD LOGGING DATA**

LOGGING COMPANY: COLUMBINE

Background Gas: \_\_\_\_\_ Connection Gas: \_\_\_\_\_ Trip Gas: \_\_\_\_\_

**SHOW REPORT**

**SHOW REPORT**

**SHOW REPORT**

DEPTH: \_\_\_\_\_

DEPTH: \_\_\_\_\_

DEPTH: \_\_\_\_\_

BEFORE DURING AFTER

BEFORE DURING AFTER

BEFORE DURING AFTER

TL GAS: \_\_\_\_\_

TL GAS: \_\_\_\_\_

TL GAS: \_\_\_\_\_

C1: \_\_\_\_\_

C1: \_\_\_\_\_

C1: \_\_\_\_\_

C2: \_\_\_\_\_

C2: \_\_\_\_\_

C2: \_\_\_\_\_

C3: \_\_\_\_\_

C3: \_\_\_\_\_

C3: \_\_\_\_\_

C4: \_\_\_\_\_

C4: \_\_\_\_\_

C4: \_\_\_\_\_

Min/FT: \_\_\_\_\_

Min/FT: \_\_\_\_\_

Min/FT: \_\_\_\_\_

**SAMPLE DESCRIPTION**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**COMMENTS**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

# AUGUSTUS ENERGY PARTNERS LLC.

## DAILY DRILLING REPORT

REPORTED BY: WHIP DAHL RIG PHONE NO.: \_\_\_\_\_ CEL PHONE NO: 06-480-3135/307-749-5820

DATE: 10/24/2008  
DAYS SINCE SPUD: 0  
DEPTH: 375  
FOOTAGE LAST 24 HRS: 375  
FORMATION: \_\_\_\_\_  
PRESENT OPERATION: RIGGING UP CEMENTERS

WELL NAME: SAN ARROYO 1625-220  
LOCATION: SEC: 22 TWN: 16S RGE: 25E  
COUNTY & STATE: Grand, Utah  
PROJECTED T.D.: 6700'  
DRILLING CONTRACTOR: FRONTIER # 5  
LAST CSG SIZE & DEPTH: \_\_\_\_\_

**CONFIDENTIAL**  
*43-019-31580*

### 24 HOUR BREAKDOWN

RIG UP/DWN: 14.50 DRLG: 7.50 REAMING: \_\_\_\_\_ CORING: \_\_\_\_\_ CIRC: \_\_\_\_\_ TRIPS: \_\_\_\_\_  
RIG SERVICE: \_\_\_\_\_ RIG REPAIR: \_\_\_\_\_ CUT D.L. \_\_\_\_\_ SURVEY: \_\_\_\_\_ LOG: \_\_\_\_\_ RUN CSG: 1.00  
CEMENT: 0.00 WOC: \_\_\_\_\_ NIPPLE UP/DWN: \_\_\_\_\_ TEST BOP: \_\_\_\_\_ DST: \_\_\_\_\_ PLUG BACK: \_\_\_\_\_  
P.U./L.D. TOOLS: 1.00 W.O.O.: \_\_\_\_\_ MISC: \_\_\_\_\_

TOTAL HOURS: **24.00**

### MUD PROPERTIES

MUD COMPANY: ARNOLD ENGINEERING

MUD WT: 8.4 VISC: 34 WTR LOSS: 9.0 F/C: \_\_\_\_\_ PH: 9 GELS: \_\_\_\_\_ PV: \_\_\_\_\_ YP: \_\_\_\_\_  
CHLORIDES: \_\_\_\_\_ SOLIDS: \_\_\_\_\_ SAND: \_\_\_\_\_ CALCIUM: \_\_\_\_\_ OTHER: \_\_\_\_\_

PUMP NO: 1 PRESS: 450 SPM: 113 LINERS: 6" X 7.75" GPM: 348.04 ANN. VEL.: \_\_\_\_\_ DC: \_\_\_\_\_  
PUMP NO: 2 PRESS: \_\_\_\_\_ SPM: \_\_\_\_\_ LINERS: \_\_\_\_\_ X \_\_\_\_\_ GPM: \_\_\_\_\_ DP: \_\_\_\_\_

### REMARKS/CASING/CEMENT

06:00 - 18:00 FINISH RIGGING UP  
18:00 - 19:00 MAKE UP MUD MOTOR AND SPUD WELL / PICK UP MWD TOOL  
19:00 - 02:30 DRILL F/ 60' - 375'  
02:30 - 03:00 CIRCULATE BTMS UP  
03:00 - 03:30 BLOW DOWN KELLY  
03:30 - 04:00 TRIP OUT FOR CSG  
04:00 - 05:00 RIG UP POWER TONGS TO RUN 9 5/8" CSG  
05:00 - 06:00 RUN IN HOLE WITH 9 5/8" K-55 36# CASING  
  
RAN 9 JTS PLUS 14' LANDING JT TO LAND CASING AT 365' RKB

### SURVEYS

SEE ATTACHED DIRECTIONAL PROGRAM

DEPTH	ANGLE	DIRECTION	DEPTH	ANGLE	DIRECTION

### BITS

NO.	SIZE	MAKE	TYPE	SER. NO.	JETS	OUT	FTG	HRS	FT/HR	COND.
1	12.25"	REED	HP43A	TP2974	3X20	375	375	7.50	50.0	1/1/1

CUM ROTATING HOURS: \_\_\_\_\_ BIT WT: 10-25k ROTARY RPM: \_\_\_\_\_ MOTOR RPM: \_\_\_\_\_

BOTTOM HOLE ASSEMBLY: BIT,MTR,NMDC,5 DC , 3 HWDP

AGUSTUS ENERGY PARTNERS LLC.  
DAILY/CUMULATIVE WELL COSTS

WELL NAME &amp; NUMBER:

**SAN ARROYO 1625-22O**DATE: **10/24/2008**

ACCT NO.	DESCRIPTION	AFE	DAILY	CUM	REMARKS
830.010	Permits & Surveys	\$ 15,000	\$ -	\$ -	
830.030	Location & Roads	\$ 40,000		\$ 34,955	
830.050	Rig Mobilization / Demobilization	\$ 33,500	\$ 4,655	\$ 34,655	RIG UP CAMPS
830.060	Dayrate Drilling	\$ 115,200	\$ 16,000	\$ 32,000	
830.070	Gravel Road (Safety)			\$ 48,825	
830.090	Bits	\$ 25,000	\$ 12,000	\$ 12,000	
830.100	Mud and Chemicals	\$ 55,000	\$ 5,000	\$ 7,500	
830.110	Fuel and Power	\$ 14,400	\$ 15,368	\$ 15,368	
830.120	Water	\$ 10,000	\$ 5,415	\$ 5,415	
830.130	Cementing Services - Surface & Inter.	\$ 8,000			
830.140	Open Hole Logging	\$ 14,000			
830.150	Mud Logger	\$ 9,600	\$ 1,200	\$ 1,200	
830.160	Coring				
830.170	Drill Stem Testing				
830.180	Equipment Rental - Downhole	\$ 7,000	\$ 650	\$ 1,300	
830.180	Equipment Rental - Surface	\$ 20,000	\$ 2,500	\$ 8,871	
830.190	Transportation	\$ 5,000	\$ 383	\$ 5,176	
830.210	Contract Labor & Surf. Casing Crew	\$ 4,000	\$ 1,235	\$ 1,235	CLEAN/DRIFT CSG.
830.220	Consulting Engineer	\$ 12,800	\$ 1,300	\$ 18,200	
830.230	Consulting Geologist	\$ 8,800			
830.280	Surface Damages				
830.310	Directional Services	\$ 69,600	\$ 3,840	\$ 15,840	
	OTHER DRYHOLE COSTS	\$ 43,500		\$ 2,889	
850.010	Conductor Pipe			\$ 18,759	COND,RAT.MOUSE HOLES
850.020	Surface Casing	\$ 17,640		\$ 3,471	FLOAT SHOE AND CENT.
850.030	Intermediate Casing				
850.050	Casing Heads & Spools	\$ 4,000			
840.130	Cementing Services - Production	\$ 31,700			
840.320	Casing Crews and Services	\$ 3,000	\$ 5,454	\$ 5,454	POWER TONGS
860.040	Production Casing	\$ 55,575			
	OTHER COMPLETION COSTS	\$ -			
	TOTAL DAILY/CUMULATIVE:	\$ 622,315	\$ 74,999	\$ 273,113	

AGUSTUS ENERGY PARTNERS LLC.
DAILY GEOLOGIC REPORT

WELL NAME: SAN ARROYO 1625-22O

LOCATION: SEC 22 TWN 16S RGE 25E

DATE: 10/24/2008

ELEVATION K.B. 7574

DEPTH: 375

FORMATION:

CONTROL WELL: SA UNIT # 4

FORMATION TOPS

Table with columns: FORMATION NAME, SAMPLE TOP (Depth, Datum), HIGH(+)/LOW(-) (Prog, Control), PROGNOSIS (Depth, Datum), CONTROL WELL (Datum). Rows include formations like CASTLEGATE SS, MANCOS "B", DAKOTA SILT, etc.

MUD LOGGING DATA

LOGGING COMPANY: COLUMBINE

Background Gas: Connection Gas: Trip Gas:

SHOW REPORT

SHOW REPORT

SHOW REPORT

Form for mud logging reports with columns for DEPTH, BEFORE, DURING, AFTER and rows for TL GAS, C1, C2, C3, C4, and Min/FT.

SAMPLE DESCRIPTION

Blank lines for sample description.

COMMENTS

DEPTH 375', RAN 9 JTS K-55 36# LANDED AT 365'RKB, CURRENTLY RIGGING UP TO CEMENT

# AUGUSTUS ENERGY PARTNERS LLC.

## DAILY DRILLING REPORT

# CONFIDENTIAL

43-019-31580

REPORTED BY: WHIP DAHL RIG PHONE NO.: \_\_\_\_\_ CEL PHONE NO: 6480-3135/307-749-5820

DATE: 10/25/2008

WELL NAME: SAN ARROYO 1625-220

DAYS SINCE SPUD: 1

LOCATION: SEC: 22 TWN: 16S RGE: 25E

DEPTH: 375

COUNTY & STATE: Grand, Utah

FOOTAGE LAST 24 HRS: 375

PROJECTED T.D.: 6700'

FORMATION: \_\_\_\_\_

DRILLING CONTRACTOR: FRONTIER # 5

PRESENT OPERATION: TEST B.O.P.

LAST CSG SIZE & DEPTH: \_\_\_\_\_

### 24 HOUR BREAKDOWN

RIG UP/DWN: 1.50 DRLG: \_\_\_\_\_ REAMING: \_\_\_\_\_ CORING: \_\_\_\_\_ CIRC: \_\_\_\_\_ TRIPS: \_\_\_\_\_  
RIG SERVICE: \_\_\_\_\_ RIG REPAIR: \_\_\_\_\_ CUT D.L.: \_\_\_\_\_ SURVEY: \_\_\_\_\_ LOG: \_\_\_\_\_ RUN CSG: 1.50  
CEMENT: 1.50 WOC: 6.50 NIPPLE UP/DWN: 9.00 TEST BOP: 3.00 DST: \_\_\_\_\_ PLUG BACK: \_\_\_\_\_  
P.U./L.D. TOOLS: 1.00 W.O.O.: \_\_\_\_\_ MISC: \_\_\_\_\_

TOTAL HOURS: **24.00**

### MUD PROPERTIES

MUD COMPANY: ARNOLD ENGINEERING

MUD WT: 8.4 VISC: 34 WTR LOSS: 9.0 F/C: \_\_\_\_\_ PH: 9 GELS: \_\_\_\_\_ PV: \_\_\_\_\_ YP: \_\_\_\_\_  
CHLORIDES: \_\_\_\_\_ SOLIDS: \_\_\_\_\_ SAND: \_\_\_\_\_ CALCIUM: \_\_\_\_\_ OTHER: \_\_\_\_\_

PUMP NO: 1 PRESS: 450 SPM: 113 LINERS: 6" X 7.75" GPM: 348.04 ANN. VEL.: \_\_\_\_\_ DC: \_\_\_\_\_  
PUMP NO: 2 PRESS: \_\_\_\_\_ SPM: \_\_\_\_\_ LINERS: \_\_\_\_\_ X \_\_\_\_\_ GPM: \_\_\_\_\_ DP: \_\_\_\_\_

### REMARKS/CASING/CEMENT

06:00 - 07:30 FINISH RUNNING 9 JTS 9 5/8" K-55 #36 CASING LANDED AT 364' RKB.  
07:30 - 08:00 RIG DOWN POWER TONGS  
08:00 - 09:00 RIG UP BJ CEMENTERS  
09:00 - 10:30 PUMP SURFACE CEMENT, LEAD, 80 SKS PREMIUM CEMENT,+05 LBS STATIC FREE,+0.05GALSFP-13L  
+2% CALCIUM CHLORIDE,+2%CELLOFLAKE,2LBS KOL SEAL,+6% BENTONITE,+102%H2O  
TAIL CEMENT 70 SX CLASS G CEMENT,+2%CALCIUM CHLORIDE,+0.05LBS STATIC FREE,+0.25LBS CELLO FLAKE  
2LBS KOL SEAL,+0.05GALSFP-13L,+43.1%H2O  
10:30 - 17:00 WAIT ON CEMENT  
17:00 - 18:00 TAKE LANDING JOINT OUT, CUT 3" OFF CONDUCTOR  
18:00 - 03:00 INSTALL WELLHEAD, WAIT ON FLANGE 4.5HRS,NIPPLE UP BOP  
03:00 - 06:00 PRESSURE TEST B.O.P.

### SURVEYS SEE ATTACHED DIRECTIONAL PROGRAM

DEPTH	ANGLE	DIRECTION	DEPTH	ANGLE	DIRECTION

### BITS

NO.	SIZE	MAKE	TYPE	SER. NO.	JETS	OUT	FTG	HRS	FT/HR	COND.
1	12.25"	REED	HP43A	TP2974	3X20	375	375	7.50	50.0	1/1/1

CUM ROTATING HOURS: \_\_\_\_\_ BIT WT: 10-25k ROTARY RPM: \_\_\_\_\_ MOTOR RPM: \_\_\_\_\_

BOTTOM HOLE ASSEMBLY: BIT,MTR,NMDC,5 DC, 3 HWDP

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OCT 28 2008

DIV. OF OIL, GAS & MINING

AGUSTUS ENERGY PARTNERS LLC.  
DAILY/CUMULATIVE WELL COSTS

WELL NAME &amp; NUMBER:

**SAN ARROYO 1625-220**DATE: **10/25/2008**

ACCT NO.	DESCRIPTION	AFE	DAILY	CUM	REMARKS
830.010	Permits & Surveys	\$ 15,000	\$ -	\$ -	
830.030	Location & Roads	\$ 40,000		\$ 34,955	
830.050	Rig Mobilization / Demobilization	\$ 33,500		\$ 34,655	RIG UP CAMPS
830.060	Dayrate Drilling	\$ 115,200	\$ 16,000	\$ 48,000	
830.070	Gravel Road (Saftey)			\$ 48,825	
830.090	Bits	\$ 25,000	\$ -	\$ 12,000	
830.100	Mud and Chemicals	\$ 55,000	\$ 4,500	\$ 12,000	
830.110	Fuel and Power	\$ 14,400	\$ -	\$ 15,368	
830.120	Water	\$ 10,000	\$ -	\$ 5,415	
830.130	Cementing Services - Surface & Inter.	\$ 8,000	\$ 8,941	\$ 8,941	
830.140	Open Hole Logging	\$ 14,000			
830.150	Mud Logger	\$ 9,600	\$ 1,200	\$ 2,400	
830.160	Coring				
830.170	Drill Stem Testing				
830.180	Equipment Rental - Downhole	\$ 7,000	\$ 650	\$ 1,950	
830.180	Equipment Rental - Surface	\$ 20,000	\$ 2,500	\$ 11,371	
830.190	Transportation	\$ 5,000	\$ 1,950	\$ 7,081	
830.210	Contract Labor & Surf. Casing Crew	\$ 4,000	\$ -	\$ 1,235	CLEAN/DRIFT CSG.
830.220	Consulting Engineer	\$ 12,800	\$ 1,300	\$ 19,500	
830.230	Consulting Geologist	\$ 8,800			
830.280	Surface Damages				
830.310	Directional Services	\$ 69,600	\$ 11,615	\$ 27,455	
	OTHER DRYHOLE COSTS	\$ 43,500		\$ 2,889	
850.010	Conductor Pipe			\$ 18,759	COND,RAT.MOUSE HOLES
850.020	Surface Casing	\$ 17,640		\$ 3,471	FLOAT SHOE AND CENT.
850.030	Intermediate Casing				
850.050	Casing Heads & Spools	\$ 4,000			
840.130	Cementing Services - Production	\$ 31,700			
840.320	Casing Crews and Services	\$ 3,000		\$ 5,454	POWER TONGS
860.040	Production Casing	\$ 55,575			
	OTHER COMPLETION COSTS	\$ -			
	TOTAL DAILY/CUMULATIVE:	\$ 622,315	\$ 48,656	\$ 321,724	

AGUSTUS ENERGY PARTNERS LLC.
DAILY GEOLOGIC REPORT

WELL NAME SAN ARROYO 1625-220

LOCATION: SEC 22 TWN 16S RGE 25E

DATE: 10/25/2008

ELEVATION K.B. 7574

DEPTH: 375

FORMATION:

CONTROL WELL: SA UNIT # 4

FORMATION TOPS

Table with columns: FORMATION NAME, SAMPLE TOP (Depth, Datum), HIGH(+)/LOW(-) (Prog, Control), PROGNOSIS (Depth, Datum), CONTROL WELL (Datum). Rows include formations like CASTLEGATE SS, MANCOS "B", etc.

MUD LOGGING DATA

LOGGING COMPANY: COLUMBINE

Background Gas: Connection Gas: Trip Gas:

SHOW REPORT

SHOW REPORT

SHOW REPORT

Three columns of 'SHOW REPORT' tables, each with DEPTH, BEFORE, DURING, AFTER, TL GAS, C1-C4, and Min/FT.

SAMPLE DESCRIPTION

Blank lines for sample description.

COMMENTS

DEPTH 375', RAN 9 JTS K-55 36# LANDED AT 365'RKB , CURRENTLY RIGGING UP TO CEMENT



AGUSTUS ENERGY PARTNERS LLC.  
DAILY/CUMULATIVE WELL COSTS

WELL NAME &amp; NUMBER:

**SAN ARROYO 1625-22O**DATE: **10/26/2008**

ACCT NO.	DESCRIPTION	AFE	DAILY	CUM	REMARKS
830.010	Permits & Surveys	\$ 15,000	\$ 15,000	\$ 15,000	
830.030	Location & Roads	\$ 40,000		\$ 34,955	
830.050	Rig Mobilization / Demobilization	\$ 33,500		\$ 34,655	
830.060	Dayrate Drilling	\$ 115,200	\$ 16,000	\$ 64,000	
830.070	Gravel Road (Safety)			\$ 48,825	
830.090	Bits	\$ 25,000	\$ 7,500	\$ 13,000	12.25 = 5500/ 7 7/8 7500 THRU THRU TABLE 2.75/FT.
830.100	Mud and Chemicals	\$ 55,000		\$ 12,000	
830.110	Fuel and Power	\$ 14,400	\$ -	\$ 15,368	
830.120	Water	\$ 10,000	\$ -	\$ 5,415	
830.130	Cementing Services - Surface & Inter.	\$ 8,000		\$ 8,941	
830.140	Open Hole Logging	\$ 14,000			
830.150	Mud Logger	\$ 9,600	\$ 1,200	\$ 3,600	
830.160	Coring				
830.170	Drill Stem Testing				
830.180	Equipment Rental - Downhole	\$ 7,000	\$ 650	\$ 2,600	
830.180	Equipment Rental - Surface	\$ 20,000	\$ 2,500	\$ 13,871	
830.190	Transportation	\$ 5,000		\$ 7,081	
830.210	Contract Labor & Surf. Casing Crew	\$ 4,000	\$ -	\$ 1,235	
830.220	Consulting Engineer	\$ 12,800	\$ 1,300	\$ 20,800	
830.230	Consulting Geologist	\$ 8,800			
830.280	Surface Damages				
830.310	Directional Services	\$ 69,600	\$ 2,075	\$ 29,530	
	OTHER DRYHOLE COSTS	\$ 43,500	\$ 2,864	\$ 5,753	TEST B.O.P
850.010	Conductor Pipe			\$ 18,759	
850.020	Surface Casing	\$ 17,640		\$ 3,471	
850.030	Intermediate Casing				
850.050	Casing Heads & Spools	\$ 4,000			
840.130	Cementing Services - Production	\$ 31,700			
840.320	Casing Crews and Services	\$ 3,000		\$ 5,454	
860.040	Production Casing	\$ 55,575			
	OTHER COMPLETION COSTS	\$ -			
	TOTAL DAILY/CUMULATIVE:	\$ 622,315	\$ 49,089	\$ 364,313	

AGUSTUS ENERGY PARTNERS LLC.
DAILY GEOLOGIC REPORT

WELL NAME: SAN ARROYO 1625-22O

LOCATION: SEC 22 TWN 16S RGE 25E

DATE: 10/26/2008

ELEVATION K.B. 7574

DEPTH: 1969

FORMATION: MESA VERDE

CONTROL WELL: SA UNIT # 4

FORMATION TOPS

Table with 8 columns: FORMATION NAME, SAMPLE TOP (Depth, Datum), HIGH(+)/LOW(-) (Prog, Control), PROGNOSIS (Depth, Datum), CONTROL WELL (Datum). Rows include CASTLEGATE SS, MANCOS "B", BASE MANCOS "B", DAKOTA SILT, DAKOTA SAND, CEDAR MTN., MORRISON, SALT WASH, ENTRADA SANDSTONE, WINGATE, and TD.

MUD LOGGING DATA

LOGGING COMPANY: COLUMBINE

Background Gas: 4 Connection Gas: 10 Trip Gas:

SHOW REPORT

SHOW REPORT

SHOW REPORT

Three columns of data for 'SHOW REPORT' sections, each with sub-columns for BEFORE, DURING, and AFTER. Includes fields for DEPTH, TL GAS, C1-C4, and Min/FT.

SAMPLE DESCRIPTION

50%SLTST,tan-lt gry-gry,v lt calc,40%SH,lt gry-gry,blky,hrd,v lt calc, 10% SS, clr-opq,milky,wht, s amb- bn,fg-vfg,sbrnd-sbang w srt, cons-uncon,s lse cab frag, sil, v lt calc.

COMMENTS

DRILLING AHEAD

# AUGUSTUS ENERGY PARTNERS LLC.

## DAILY DRILLING REPORT

# CONFIDENTIAL

REPORTED BY: WHIP DAHL RIG PHONE NO.: \_\_\_\_\_ CEL PHONE NO: 6480-3135/307-749-5820

DATE: 10/27/2008  
DAYS SINCE SPUD: 3  
DEPTH: 3967  
FOOTAGE LAST 24 HRS: 1995  
FORMATION: MANCOS  
PRESENT OPERATION: DRILLING AHEAD

WELL NAME: SAN ARROYO 1625-220  
LOCATION: SEC: 22 TWN: 16S RGE: 25E  
COUNTY & STATE: Grand, Utah  
PROJECTED T.D.: 6700'  
DRILLING CONTRACTOR: FRONTIER # 5  
LAST CSG SIZE & DEPTH: \_\_\_\_\_

43-019-31580

### 24 HOUR BREAKDOWN

RIG UP/DWN: \_\_\_\_\_ DRLG: 21.50 DRILL CMT \_\_\_\_\_ CORING: \_\_\_\_\_ CIRC: \_\_\_\_\_ TRIPS: \_\_\_\_\_  
RIG SERVICE: 0.50 RIG REPAIR: \_\_\_\_\_ CUT D.L. \_\_\_\_\_ SURVEY: 2.00 LOG: \_\_\_\_\_ RUN CSG: \_\_\_\_\_  
CEMENT: \_\_\_\_\_ WOC: \_\_\_\_\_ NIPPLE UP/DWN: \_\_\_\_\_ TEST BOP: \_\_\_\_\_ DST: \_\_\_\_\_ PLUG BACK: \_\_\_\_\_  
P.U./L.D. TOOLS: \_\_\_\_\_ W.O.O.: \_\_\_\_\_ MISC: \_\_\_\_\_

TOTAL HOURS: **24.00**

### MUD PROPERTIES

MUD COMPANY: ARNOLD ENGINEERING

MUD WT: 8.9 VISC: 45 WTR LOSS: 4.4 F/C: 2 PH: 10 GELS: 2/3 PV: 38 YP: 10  
CHLORIDES: 1200 SOLIDS: 5 SAND: tr CALCIUM: 60 OTHER: \_\_\_\_\_

PUMP NO: 1 PRESS: 1294 SPM: 115 LINERS: 6" X 7.75" GPM: 359 ANN. VEL.: DC: \_\_\_\_\_  
PUMP NO: 2 PRESS: \_\_\_\_\_ SPM: \_\_\_\_\_ LINERS: \_\_\_\_\_ X \_\_\_\_\_ GPM: \_\_\_\_\_ DP: \_\_\_\_\_

### REMARKS/CASING/CEMENT

06:00 - 08:00 DRILL F/ 1972' - 2188' WOB 5.5, ROT 55, 115 STKS, MOTOR RPM 53  
08:00 - 09:00 SURVEY TIME ACC.  
09:00 - 13:00 DRILL F/ 2188' - 2630'  
13:00 - 13:30 RIG SERVICE  
13:30 - 18:00 DRILL F/ 2630' - 2945'  
18:00 - 01:00 DRILL F/ 2945' - 3631'  
01:00 - 02:00 SURVEY TIME ACC.  
02:00 - 06:00 DRILL F/ 3631' -  
STRING WT 68K/UP79K/DWN66K/ OFF BTM PSI 1260 ONBTM PSI 1560/ SPR#1 65 STKS 525 PSI @3755'  
FUEL 4800

### SURVEYS

SEE ATTACHED DIRECTIONAL PROGRAM

DEPTH	ANGLE	DIRECTION	DEPTH	ANGLE	DIRECTION

### BITS

NO.	SIZE	MAKE	TYPE	SER. NO.	JETS	OUT	FTG	HRS	FT/HR	COND.
1	12.25"	REED	HP43A	TP2974	3X20	375	375	7.50	50.0	1/1/1
2	7 7/8"	HDS	M516	904004	5X16	3967	3592	37.50	95.8	

CUM ROTATING HOURS: \_\_\_\_\_ BIT WT: 3-6K ROTARY RPM: 55 MOTOR RPM: 60

BOTTOM HOLE ASSEMBLY: BIT,MTR,NMDC, 21 HWDP,JARS,9 HWDP

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OCT 28 2008

DIV. OF OIL, GAS & MINING

AGUSTUS ENERGY PARTNERS LLC.  
DAILY/CUMULATIVE WELL COSTS

WELL NAME &amp; NUMBER:

**SAN ARROYO 1625-22O**DATE: **10/27/2008**

ACCT NO.	DESCRIPTION	AFE	DAILY	CUM	REMARKS
101	Permits & Surveys	\$ 5,000		\$ 5,000	
103	Location & Roads	\$ 60,000		\$ 34,955	
105	Rig Mobilization / Demobilization	\$ 30,000		\$ 34,655	
106	Dayrate Drilling	\$ 162,000	\$ 16,000	\$ 80,000	
830.070	Gravel Road (Saftey)			\$ 48,825	
109	Bits	\$ 10,000	\$ -	\$ 13,000	12.25 = 5500/ 7 7/8 7500 THRU THRU TABLE 2.75/FT.
110	Mud and Chemicals	\$ 35,000	\$ 2,618	\$ 14,618	
111	Fuel and Power	\$ 25,000	\$ -	\$ 15,368	
112	Water	\$ 15,000	\$ 2,480	\$ 7,895	
113	Cementing Services - Surface & Inter.	\$ 9,015		\$ 8,941	
114	Open Hole Logging	\$ 20,000			
115	Mud Logger	\$ 2,500	\$ 1,200	\$ 4,800	
116	Coring				
117	Drill Stem Testing				
119	Equipment Rental - Downhole	\$ 2,500	\$ 650	\$ 3,250	
118	Equipment Rental - Surface	\$ 32,000	\$ 2,500	\$ 16,371	
120	Transportation	\$ 15,000		\$ 7,081	
122	Contract Labor & Surf. Casing Crew	\$ -	\$ -	\$ 1,235	
123	Consulting Engineer	\$ 19,600	\$ 1,300	\$ 22,100	
124	Consulting Geologist	\$ 7,000			
127	Surface Damages				
130	Directional Services	\$ 6,000	\$ 4,745	\$ 34,275	
128	Contingencies	\$ 45,812	\$ 373	\$ 6,126	RIG UP PASON
151	Conductor Pipe			\$ 18,759	
152	Surface Casing	\$ 8,575		\$ 3,471	
153	Intermediate Casing				
154	Casing Heads & Spools	\$ 2,500			
205	Cementing Services - Production	\$ 33,654			
215	Casing Crews and Services			\$ 5,454	
251	Production Casing	\$ 174,200			<u>@26.00/ft.</u>
	OTHER COMPLETION COSTS	\$ -			
	TOTAL DAILY/CUMULATIVE:	\$ 720,356	\$ 31,866	\$ 386,179	

AGUSTUS ENERGY PARTNERS LLC.
DAILY GEOLOGIC REPORT

WELL NAME: SAN ARROYO 1625-220

LOCATION: SEC 22 TWN 16S RGE 25E

DATE: 10/27/2008

ELEVATION K.B. 7574

DEPTH: 3967

FORMATION: MANCOS

CONTROL WELL: SA UNIT # 4

FORMATION TOPS

Table with columns: FORMATION NAME, SAMPLE TOP (Depth, Datum), HIGH(+)/LOW(-) (Prog, Control), PROGNOSIS (Depth, Datum), CONTROL WELL (Datum). Rows include CASTLEGATE SS, MANCOS "B", BASE MANCOS "B", DAKOTA SILT, DAKOTA SAND, CEDAR MTN., MORRISON, SALT WASH, ENTRADA SANDSTONE, WINGATE, and ID.

MUD LOGGING DATA

LOGGING COMPANY: COLUMBINE

Background Gas: 10 Connection Gas: 20 Trip Gas:

SHOW REPORT

SHOW REPORT

SHOW REPORT

Three columns of 'SHOW REPORT' tables. Each table has columns: DEPTH, BEFORE, DURING, AFTER. Rows include TL GAS, C1, C2, C3, C4, and Min/FT.

SAMPLE DESCRIPTION

90% SH,gy, mod hd, brit, sbpity- sbbiky,vy sli calc,SLST & occ strngs.

COMMENTS

DRILLING AHEAD

AUGUSTUS ENERGY PARTNERS LLC.

DAILY DRILLING REPORT

REPORTED BY: WHIP DAHL RIG PHONE NO.: CEL PHONE NO: 406-480-3135/307-749-5820

DATE: 10/30/2008
DAYS SINCE SPUD: 6
DEPTH: 6400
FOOTAGE LAST 24 HRS: 470
FORMATION: MORRISON
PRESENT OPERATION: CIRCULATE BTMS UP SAMPLE

WELL NAME: SAN ARROYO 1625-220
LOCATION: SEC: 22 TWN: 16S RGE: 25E
COUNTY & STATE: Grand, Utah
PROJECTED T.D.: 6700'
DRILLING CONTRACTOR: FRONTIER # 5
LAST CSG SIZE & DEPTH:

43-019-31580

24 HOUR BREAKDOWN

RIG UP/DWN: DRLG: 18.50 DRILL CMT CORING: CIRC: 3.00 TRIPS:
RIG SERVICE: 0.50 RIG REPAIR: 1.00 CUT D.L. SURVEY: 1.00 LOG: RUN CSG:
CEMENT: WOC: NIPPLE UP/DWN: TEST BOP: DST: PLUG BACK:
P.U./L.D. TOOLS: W.O.O.: MISC:

TOTAL HOURS: 24.00

MUD PROPERTIES

MUD COMPANY: ARNOLD ENGINEERING

MUD WT: 9.1 VISC: 53 WTR LOSS 6.5 F/C: 2 PH: 9 GELS 3/7 PV: 15 YP: 8
CHLORIDES: 1800 SOLIDS: 5 SAND: 0.25 CALCIUM: 10 OTHER:

PUMP NO: 1 PRESS: 1757 SPM: 121 LINERS: 6" X 7.75" GPM: 396 ANN. VEL.: DC:
PUMP NO: 2 PRESS: SPM: LINERS: X GPM: DP: 142

REMARKS/CASING/CEMENT

06:00 - 15:00 DRILL F/ 5930' - 6182"
15:00 - 15:30 RIG SERVICE / FUNCTION PIPE RAMS
15:30 - 23:30 DRILL 6182' - 6339'
23:30 - 00:30 RIG REPAIR / WORK ON BOTH PUMPS
00:30 - 02:30 DRILL 6339' - 6390'
02:30 - 04:00 CONDITION MUD AND CIRCULATE UP BTM'S UP SAMPLE
04:00 - 04:30 DRILL 6390' - 6400'
04:30 - 06:00 CIRCULATE UP BTM UP SAMPLE LOOKING FOR ENTRADA FM

STRING WT 98K/UP105K/DWN96K/ OFF BTM PSI 1560 ONBTM PSI 1750/ SPR#1 56 STKS 483 PSI @5882'
FUEL 2400

SURVEYS [X] SEE ATTACHED DIRECTIONAL PROGRAM

Table with columns: DEPTH, ANGLE, DIRECTION, DEPTH, ANGLE, DIRECTION

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BITS

Table with columns: NO., SIZE, MAKE, TYPE, SER. NO., JETS, OUT, FTG, HRS, FT/HR, COND.

CUM ROTATING HOURS: BIT WT: 5-9K ROTARY RPM: 55 MOTOR RPM: 64

BOTTOM HOLE ASSEMBLY: BIT,MTR,NMDC, 21 HWDP,JARS,9 HWDP

AGUSTUS ENERGY PARTNERS LL  
DAILY/CUMULATIVE WELL COSTS

WELL NAME & NUMBER: \_\_\_\_\_

**SAN ARROYO 1625-220**

DATE: **10/30/2008**

ACCT NO.	DESCRIPTION	AFE	DAILY	CUM	REMARKS
101	Permits & Surveys	\$ 5,000		\$ 5,000	
103	Location & Roads	\$ 60,000		\$ 34,955	
105	Rig Mobilization / Demobilization	\$ 30,000		\$ 34,655	
106	Dayrate Drilling	\$ 162,000	\$ 16,000	\$ 128,000	
830.070	Gravel Road (Saftey)			\$ 48,825	
109	Bits	\$ 10,000	\$ 7,500	\$ 35,429	
110	Mud and Chemicals	\$ 35,000	\$ 6,455	\$ 39,033	
111	Fuel and Power	\$ 25,000	\$ -	\$ 15,368	
112	Water	\$ 15,000		\$ 9,024	
113	Cementing Services - Surface & Inter.	\$ 9,015		\$ 8,941	
114	Open Hole Logging	\$ 20,000			
115	Mud Logger	\$ 2,500	\$ 1,200	\$ 8,400	
116	Coring				
117	Drill Stem Testing				
119	Equipment Rental - Downhole	\$ 2,500	\$ 650	\$ 5,200	
118	Equipment Rental - Surface	\$ 32,000	\$ 2,500	\$ 24,231	
120	Transportation	\$ 15,000	\$ 675	\$ 18,638	
122	Contract Labor & Surf. Casing Crew	\$ -	\$ -	\$ 1,235	
123	Consulting Engineer	\$ 19,600	\$ 1,300	\$ 26,000	
124	Consulting Geologist	\$ 7,000			
127	Surface Damages				
130	Directional Services	\$ 6,000	\$ 4,465	\$ 47,670	
128	Contingencies	\$ 45,812		\$ 6,886	
151	Conductor Pipe			\$ 18,759	
152	Surface Casing	\$ 8,575		\$ 3,471	
153	Intermediate Casing				
154	Casing Heads & Spools	\$ 2,500			
205	Cementing Services - Production	\$ 33,654	\$ 5,857	\$ 5,857	
215	Casing Crews and Services		\$ 3,190	\$ 8,644	
251	Production Casing	\$ 174,200			<u>.@26.00/ft.</u>
	OTHER COMPLETION COSTS	\$ -			
	<b>TOTAL DAILY/CUMULATIVE:</b>	<b>\$ 720,356</b>	<b>\$ 49,792</b>	<b>\$ 534,221</b>	

**AGUSTUS ENERGY PARTNERS LLC.**  
**DAILY GEOLOGIC REPORT**

WELL NAME SAN ARROYO 1625-220

LOCATION: SEC 22 TWN 16S RGE 25E

DATE: 10/30/2008

ELEVATION K.B. 7574

DEPTH: 6400

FORMATION: MORRISON

CONTROL WELL: SA UNIT # 4

**FORMATION TOPS**

FORMATION NAME	SAMPLE TOP		HIGH(+)/LOW(-)		PROGNOSIS		CONTROL WELL
	Depth	Datum	Prog	Control	Depth	Datum	Datum
CASTLEGATE SS	2112	5462	7	20	2119	5455	5442
MANCOS "B"	2240	5334	11	25	2251	5323	5309
BASE MANCOS "B"	3630	3944	4	22	3634	3940	3922
DAKOTA SILT	5560	2014	-1	20	5559	2015	1994
DAKOTA SAND	5610	1964	-2	18	5608	1966	1946
CEDAR MTN.	5720	1854	-6	14	5714	1860	1840
MORRISON	5900	1674	12	32	5912	1662	1642
SALT WASH					6107	1467	1447
ENTRADA SANDSTONE					6419	1155	1134
WINGATE					6589	985	966
TD					6700	874	
					7574		
					7574		
					7574		
					7574		
					7574		

**MUD LOGGING DATA**

LOGGING COMPANY: COLUMBINE

Background Gas: 12 Connection Gas: 90 Trip Gas: 121

**SHOW REPORT**

**SHOW REPORT**

**SHOW REPORT**

DEPTH: \_\_\_\_\_

DEPTH: \_\_\_\_\_

DEPTH: \_\_\_\_\_

BEFORE DURING AFTER  
 TL GAS: \_\_\_\_\_  
 C1: \_\_\_\_\_  
 C2: \_\_\_\_\_  
 C3: \_\_\_\_\_  
 C4: \_\_\_\_\_

BEFORE DURING AFTER  
 TL GAS: \_\_\_\_\_  
 C1: \_\_\_\_\_  
 C2: \_\_\_\_\_  
 C3: \_\_\_\_\_  
 C4: \_\_\_\_\_

BEFORE DURING AFTER  
 TL GAS: \_\_\_\_\_  
 C1: \_\_\_\_\_  
 C2: \_\_\_\_\_  
 C3: \_\_\_\_\_  
 C4: \_\_\_\_\_

Min/FT: \_\_\_\_\_

Min/FT: \_\_\_\_\_

Min/FT: \_\_\_\_\_

**SAMPLE DESCRIPTION**

SH; red-dk gy, s blk/carb,mod frm-mod hd, brit,fiss,sli calc. SLSTN;gry-dk gry,sbblky-ang,tr SS wht,clr smky,hd,sang,uncon,s sil & clac cmnt. CLYST; wht,lt gry,buf-crm,sft,flky-sbblky,fri,gsy(wet)

**COMMENTS**

DRILLING AHEAD

AUGUSTUS ENERGY PARTNERS LLC.
DAILY DRILLING REPORT

REPORTED BY: WHIP DAHL RIG PHONE NO.: CEL PHONE NO: 480-3135/307-749-5820
DATE: 10/31/2008 WELL NAME: SAN ARROYO 1625-220
DAYS SINCE SPUD: 7 LOCATION: SEC: 22 TWN: 16S RGE: 25E 43-019-31580
DEPTH: 6494 COUNTY & STATE: Grand, Utah
FOOTAGE LAST 24 HRS: 94 PROJECTED T.D.: 6700'
FORMATION: ENTRADA SS DRILLING CONTRACTOR: FRONTIER # 5
PRESENT OPERATION: drill to new td of 6653' LAST CSG SIZE & DEPTH:

24 HOUR BREAKDOWN

RIG UP/DWN: DRLG: 5.50 DRILL CMT CORING: CIRC: 6.50 TRIPS: 4.50
RIG SERVICE: 0.50 RIG REPAIR: CUT D.L. SURVEY: 1.00 LOG: 6.00 RUN CSG:
CEMENT: WOC: NIPPLE UP/DWN: TEST BOP: DST: PLUG BACK:
P.U./L.D. TOOLS: W.O.O.: MISC:
TOTAL HOURS: 24.00

MUD PROPERTIES

MUD COMPANY: ARNOLD ENGINEERING

MUD WT: 9.1 VISC: 53 WTR LOSS 6.5 F/C: 2 PH: 9 GELS 3/7 PV: 15 YP: 8
CHLORIDES: 1800 SOLIDS: 5 SAND: 0.25 CALCIUM: 10 OTHER:

PUMP NO: 1 PRESS: 1757 SPM: 121 LINERS: 6" X 7.75" GPM: 396 ANN. VEL.: DC:
PUMP NO: 2 PRESS: SPM: LINERS: X GPM: DP: 142

REMARKS/CASING/CEMENT

06:00 - 06:30 CIRCULATE UP SAMPLE
06:30 - 11:30 DRILL 6400 - 6417 IN 5' INCREMENTS LOOKING FOR TOP OF ENTRADA ZONE/ CIRCULATE UP BTM SAMPLES
11:30 - 12:30 WIPER TRIP / 10 STDs
12:30 - 13:00 CIRCULATE AND MIX PILL / PUMP PILL
13:00 - 18:30 T.O.O.H. FOR LOGGS
18:30 - 19:30 RIG UP LOGGERS
19:30 23:00 LOGGING OPERATIONS / LOGGERS BTM DEPTH 6709'
23:00 - 00:00 RIG DOWN LOGGERS
00:00 - 03:30 RIH TO DRILL NEW TD OF 6653'
03:30 - 06:00 DRILL 6417' - 6494'

SURVEYS

[X] SEE ATTACHED DIRECTIONAL PROGRAM

Table with 6 columns: DEPTH, ANGLE, DIRECTION, DEPTH, ANGLE, DIRECTION. All cells are empty.

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BITS

Table with 11 columns: NO., SIZE, MAKE, TYPE, SER. NO., JETS, OUT, FTG, HRS, FT/HR, COND.
Row 1: 1, 12.25", REED, HP43A, TP2974, 3X20, 375, 375, 7.50, 50.0, 1/1/1
Row 2: 2, 7 7/8", HDS, M516, 904004, 5X16, 5804, 5429, 63.00, 86.2, 3/6/1
Row 3: 3, 7 7/8", PDC LOG, PL516, SO6519, 5X16, 6400, 596, #DIV/0!
Rows 4-8: #DIV/0!

CUM ROTATING HOURS: BIT WT: 5-9K ROTARY RPM: 55 MOTOR RPM: 64

BOTTOM HOLE ASSEMBLY: BIT,MTR,NMDC, 21 HWDP,JARS,9 HWDP

AGUSTUS ENERGY PARTNERS LL  
DAILY/CUMULATIVE WELL COSTS

WELL NAME & NUMBER: \_\_\_\_\_

**SAN ARROYO 1625-220**

DATE: **10/31/2008**

ACCT NO.	DESCRIPTION	AFE	DAILY	CUM	REMARKS
101	Permits & Surveys	\$ 5,000		\$ 5,000	
103	Location & Roads	\$ 60,000		\$ 34,955	
105	Rig Mobilization / Demobilization	\$ 30,000		\$ 34,655	
106	Dayrate Drilling	\$ 162,000	\$ 16,000	\$ 144,000	
830.070	Gravel Road (Safety)			\$ 48,825	
109	Bits	\$ 10,000		\$ 35,429	
110	Mud and Chemicals	\$ 35,000		\$ 39,033	
111	Fuel and Power	\$ 25,000	\$ 1,500	\$ 16,868	
112	Water	\$ 15,000	\$ 7,835	\$ 16,859	6551 water roads/blm dust
113	Cementing Services - Surface & Inter.	\$ 9,015		\$ 8,941	
114	Open Hole Logging	\$ 20,000	\$ 20,078	\$ 20,078	
115	Mud Logger	\$ 2,500	\$ 1,200	\$ 9,600	
116	Coring				
117	Drill Stem Testing				
119	Equipment Rental - Downhole	\$ 2,500	\$ 650	\$ 5,850	
118	Equipment Rental - Surface	\$ 32,000	\$ 2,500	\$ 26,731	
120	Transportation	\$ 15,000	\$ 755	\$ 19,393	haul septic
122	Contract Labor & Surf. Casing Crew	\$ -	\$ -	\$ 1,235	
123	Consulting Engineer	\$ 19,600	\$ 1,300	\$ 27,300	
124	Consulting Geologist	\$ 7,000			
127	Surface Damages				
130	Directional Services	\$ 6,000		\$ 44,520	
128	Contingencies	\$ 45,812		\$ 6,886	
151	Conductor Pipe			\$ 18,759	
152	Surface Casing	\$ 8,575		\$ 22,965	66.67/FT.@361 FT.
153	Intermediate Casing				
154	Casing Heads & Spools	\$ 2,500	\$ 3,500	\$ 3,500	
205	Cementing Services - Production	\$ 33,654	\$ 5,857	\$ 5,857	
215	Casing Crews and Services		\$ 3,190	\$ 8,644	
251	Production Casing	\$ 174,200	\$ 237,487	\$ 237,487	<u>6643 ft. @35.75/ft.</u>
	OTHER COMPLETION COSTS	\$ -			
	<b>TOTAL DAILY/CUMULATIVE:</b>	<b>\$ 720,356</b>	<b>\$ 301,852</b>	<b>\$ 843,370</b>	

**AGUSTUS ENERGY PARTNERS LLC.**  
**DAILY GEOLOGIC REPORT**

WELL NAMES SAN ARROYO 1625-220

LOCATION: SEC 22 TWN 16S RGE 25E

DATE: 10/31/2008

ELEVATION K.B. 7574

DEPTH: 6494

FORMATION: ENTRADA SS

CONTROL WELL: SA UNIT # 4

**FORMATION TOPS**

FORMATION NAME	SAMPLE TOP		HIGH(+) / LOW(-)		PROGNOSIS		CONTROL WELL
	Depth	Datum	Prog	Control	Depth	Datum	Datum
CASTLEGATE SS	2112	5462	7	20	2119	5455	5442
MANCOS "B"	2240	5334	11	25	2251	5323	5309
BASE MANCOS "B"	3630	3944	4	22	3634	3940	3922
DAKOTA SILT	5560	2014	-1	20	5559	2015	1994
DAKOTA SAND	5610	1964	-2	18	5608	1966	1946
CEDAR MTN.	5720	1854	-6	14	5714	1860	1840
MORRISON	5900	1674	12	32	5912	1662	1642
SALT WASH	6100	1474	7	27	6107	1467	1447
ENTRADA SANDSTONE	6390	1184	29	50	6419	1155	1134
WINGATE					6589	985	966
TD					6700	874	
					7574		
					7574		
					7574		
					7574		
					7574		
					7574		

**MUD LOGGING DATA**

LOGGING COMPANY: COLUMBINE

Background Gas: 12 Connection Gas: 90 Trip Gas: 121

**SHOW REPORT**

**SHOW REPORT**

**SHOW REPORT**

DEPTH: _____	DEPTH: _____	DEPTH: _____
BEFORE DURING AFTER	BEFORE DURING AFTER	BEFORE DURING AFTER
TL GAS: _____	TL GAS: _____	TL GAS: _____
C1: _____	C1: _____	C1: _____
C2: _____	C2: _____	C2: _____
C3: _____	C3: _____	C3: _____
C4: _____	C4: _____	C4: _____
Min/FT: _____	Min/FT: _____	Min/FT: _____

**SAMPLE DESCRIPTION**

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**COMMENTS**

DRILLING AHEAD TO 6653

\_\_\_\_\_  
 \_\_\_\_\_

















**Augustus Energy Partners - SA 1625-220**  
**Flow Test Monitoring Report Interval 6418' to 6414'**

Time	Notes	Pressure	Choke	Approx. Fluid Recovered (BBLs)	Approx. Cumulative Fluid Recov. (BBLs)
9:30 AM	One swab run to F nipple			2	2.00
10:00 AM	Well kicked	160		3	5.00
10:15 AM		170	24/64	0.25	5.25
10:30 AM		180		0.25	5.50
10:45 AM		190		0.25	5.75
11:00 AM		200		0.25	6.00
11:15 AM		205		0.25	6.25
11:30 AM		210		0.25	6.50
11:45 AM		215		0.25	6.75
12:00 PM		220		0.25	7.00
12:15 PM		225		0.25	7.25
12:30 PM		230		0.125	7.38
12:45 PM		230		0.125	7.50
1:00 PM		230		0.125	7.63
1:15 PM		235		0.125	7.75
1:30 PM		235		0.125	7.88
1:45 PM		240		0.125	8.00
2:00 PM		245		0.125	8.13
2:15 PM		225	26/64	0.125	8.25
2:30 PM		225		0.125	8.38
2:45 PM		230		0.125	8.50
3:00 PM	Filled gas sample bottle	230		0.125	8.63
3:15 PM		230		0.125	8.75
3:30 PM		235		0.125	8.88
3:45 PM		235		0.125	9.00
4:00 PM	<b>RECEIVED</b>	235		0.125	9.13
4:15 PM	<b>NOV 18 2008</b>	240		0.125	9.25
4:30 PM	<b>DIV. OF OIL, GAS &amp; MINING</b>	240		0.125	9.38
4:45 PM		240		0.125	9.50
5:00 PM		240		0.125	9.63

5:15 PM		240		0.125	9.75
5:30 PM		245		0.125	9.88
5:45 PM		245		0.125	10.00
6:00 PM		250		0.125	10.13
6:15 PM		250		0.125	10.25
6:30 PM		250		0.125	10.38
9:00 PM	Shut in well	250			

Calc. Gas Flow Rate (mcf)
628
662
696
730
747
764
781
798
815
832
832
832
849
849
866
883
974
974
995
995
995
1015
1015
1015
1035
1035
1035
1035

1035
1056
1056
1076
1076
1076

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: March 31, 2007

**SUNDRY NOTICES AND REPORTS ON WELLS**

*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE- Other instructions on reverse side.**

1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> <input type="checkbox"/> Other		5. Lease Serial No. UTU-0307-A
2. Name of Operator AUGUSTUS ENERGY PARTNERS, LLC		6. If Indian, Allottee or Tribe Name NA
3a. Address 2016 GRAND AVE, SUITE A, BILLINGS, MT 59102	3b. Phone No. (include area code) 406-294-5990	7. If Unit or CA/Agreement, Name and/or No. UTU63022X SAN ARROYO
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) SWSE, 946' FSL, 1424' FEL SEC 22, T16S, R25E		8. Well Name and No. SAN ARROYO 1625-220
		9. API Well No. 43-019-31580
		10. Field and Pool, or Exploratory Area SAN ARROYO
		11. County or Parish, State GRAND, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>PIT CLOSURE</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

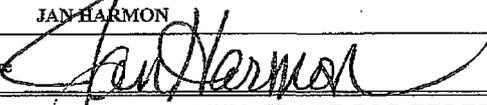
13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BLA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

AUGUSTUS ENERGY PARTNERS, LLC RECEIVED VERBAL APPROVAL FROM BEN KNIOLA, MOAB FIELD OFFICE, TO LEAVE PIT OPEN UNTIL NEXT SUMMER DUE TO DIFFICULTY OF ACCESSING THE LOCATION IN THE WINTER WITH WATER TRUCKS.

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NOV 30 19 2008

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed) JAN HARMON	Title OPERATIONS ADMINISTRATOR
Signature 	Date 11/20/2008

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Title	Date
	Office	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)



P. O. Box 1214 / 460 Salt Creek Hwy - Mills, WY 82644  
307-234-1229 307-234-0155 fax

November 18, 2008

State of Utah  
Department of Natural Resources  
Division of Oil, Gas and Mining  
P.O. Box 145801  
Salt Lake City, UT 84114-5801

43 019 31580

Attn: Diana Mason

Please find enclosed an official copy of the survey conducted for Augustus, our Job number 8055, completed October 31, 2008 by Zeb Worline for:

Well:	SA 1625-220
Field:	San Arroyo-Grand Co, Utah 660272X 43622454 39.396708
Rig:	Frontier 5 - 109.138780
Legal:	S22, T165,R25E

Surveyed From: 202 ft. to 6417 ft. measured depth of projection to bit.

These surveys are true and accurate to the best of our knowledge and conform to the standards put forth by A2Z Directional Services, LP. Wellbore coordinates are using minimum curvature method.

Thank you for your time and efforts in this matter. It has been a pleasure working with you.

Sincerely,

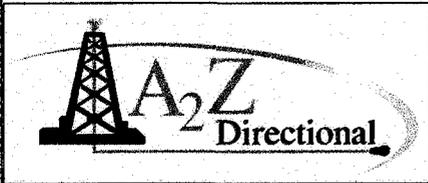
*Frank J. Zitkovic*  
Frank J. Zitkovic  
Operations Manager

*Amber Lara*  
Amber Lara  
Administrative Assistant

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NOV 24 2008  
DIV. OF OIL, GAS & MINING

Job Number: 8055  
 Company: Augustus  
 Lease/Well: SA1625-220  
 Location: S22,T165,R25E  
 Rig Name: Frontier 5  
 RKB: 7574  
 G.L. or M.S.L.: G.L.

State/Country: Utah, USA  
 Declination: 9.34085  
 Grid:  
 File name: C:\WINSERVE\8055.SVY  
 Date/Time: 19-Nov-08 / 06:08  
 Curve Name: 8055-Augustus-Frontier 5



**A2Z Directional Services, LP**  
 P. O. Box 1214 - 460 Old Salt Creek Hwy  
 Mills, Wyoming 82644  
 phone 307-234-1229

WINSERVE SURVEY CALCULATIONS  
 Minimum Curvature Method  
 Vertical Section Plane .00  
 Vertical Section Referenced to Wellhead  
 Rectangular Coordinates Referenced to Wellhead

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE Distance FT	Direction Deg	Dogleg Severity Deg/100
<b>Tie-in point @ Surface 0.00 ft MD.</b>									
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
202.00	.50	184.20	202.00	-.88	-.06	-.88	.88	184.20	.25
312.00	.20	349.20	312.00	-1.17	-.14	-1.17	1.18	186.62	.63
418.00	.30	34.90	418.00	-.76	-.01	-.76	.76	180.87	.20
541.00	.30	74.50	540.99	-.41	.48	-.41	.63	130.30	.17
663.00	.20	85.40	662.99	-.31	1.00	-.31	1.05	107.03	.09
752.00	.20	84.30	751.99	-.28	1.31	-.28	1.34	102.01	.00
873.00	.50	101.40	872.99	-.36	2.04	-.36	2.07	100.08	.26
995.00	.90	105.00	994.98	-.72	3.49	-.72	3.56	101.60	.33
1125.00	1.10	87.40	1124.96	-.92	5.72	-.92	5.79	99.17	.28
1252.00	1.40	87.40	1251.93	-.80	8.49	-.80	8.53	95.37	.24
1378.00	1.40	50.00	1377.90	.26	11.20	.26	11.21	88.66	.71
1503.00	.50	20.20	1502.88	1.75	12.56	1.75	12.68	82.05	.80
1629.00	.70	321.70	1628.87	2.87	12.28	2.87	12.61	76.82	.49
1755.00	.60	343.90	1754.86	4.11	11.62	4.11	12.32	70.50	.21
1883.00	.10	307.70	1882.86	4.82	11.34	4.82	12.32	66.95	.41
2008.00	.40	20.30	2007.86	5.30	11.41	5.30	12.58	65.07	.31
2133.00	.20	40.70	2132.86	5.88	11.70	5.88	13.09	63.34	.18
2260.00	.30	5.50	2259.86	6.37	11.88	6.37	13.48	61.78	.14

**RECEIVED**  
 NOV 24 2008  
 DIV. OF OIL, GAS & MINING

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
2386.00	.40	42.60	2385.85	7.03	12.21	7.03	14.08	60.07	.19
2512.00	.40	359.60	2511.85	7.79	12.50	7.79	14.73	58.07	.23
2639.00	.60	35.60	2638.85	8.77	12.88	8.77	15.59	55.75	.29
2766.00	.90	32.30	2765.84	10.16	13.80	10.16	17.14	53.65	.24
2890.00	.80	342.50	2889.82	11.81	14.06	11.81	18.36	49.99	.58
3013.00	.60	320.00	3012.82	13.12	13.39	13.12	18.75	45.59	.27
3139.00	.30	280.50	3138.81	13.68	12.64	13.68	18.63	42.74	.33
3265.00	.30	274.30	3264.81	13.77	11.99	13.77	18.26	41.05	.03
3388.00	.30	216.50	3387.81	13.53	11.48	13.53	17.75	40.30	.24
3509.00	.40	188.40	3508.81	12.86	11.23	12.86	17.07	41.12	.16
3640.00	.40	175.00	3639.80	11.95	11.20	11.95	16.38	43.14	.07
3765.00	.30	161.20	3764.80	11.21	11.34	11.21	15.95	45.34	.10
3891.00	.40	143.30	3890.80	10.54	11.71	10.54	15.76	48.01	.12
4018.00	.40	175.30	4017.80	9.75	12.01	9.75	15.47	50.95	.17
4144.00	.50	181.10	4143.79	8.76	12.04	8.76	14.89	53.96	.09
4321.00	.40	176.90	4320.79	7.37	12.06	7.37	14.13	58.57	.06
4395.00	.70	148.90	4394.78	6.73	12.31	6.73	14.02	61.34	.53
4520.00	.40	168.90	4519.78	5.64	12.78	5.64	13.97	66.18	.28
4646.00	.60	170.90	4645.77	4.56	12.97	4.56	13.75	70.63	.16
4773.00	.50	205.80	4772.77	3.40	12.84	3.40	13.28	75.15	.27
4897.00	.50	193.10	4896.76	2.39	12.48	2.39	12.71	79.15	.09
5021.00	.70	222.40	5020.76	1.30	11.85	1.30	11.92	83.72	.29
5148.00	.40	229.20	5147.75	.44	10.99	.44	11.00	87.70	.24
5275.00	.80	224.00	5274.74	-.49	10.04	-.49	10.05	92.77	.32
5401.00	.70	201.30	5400.73	-1.84	9.15	-1.84	9.33	101.35	.25
5527.00	.50	66.80	5526.73	-2.34	9.37	-2.34	9.66	104.00	.88
5653.00	1.10	202.20	5652.72	-3.24	9.42	-3.24	9.96	108.98	1.19
5780.00	1.50	206.60	5779.69	-5.85	8.21	-5.85	10.09	125.47	.32
5960.00	.70	201.10	5959.65	-8.99	6.76	-8.99	11.25	143.03	.45
6119.00	.90	205.50	6118.64	-11.02	5.88	-11.02	12.49	151.93	.13
6159.00	.90	206.60	6158.63	-11.58	5.60	-11.58	12.87	154.20	.04
6284.00	.80	198.80	6283.62	-13.29	4.88	-13.29	14.16	159.83	.12
<b>Final Station Closure 15.63 ft. @ 164.18 Degrees Azimuth.</b>									
6359.00	.80	199.70	6358.61	-14.28	4.53	-14.28	14.98	162.38	.02
<b>Projected to Bit Depth of 6417 ft. MD.</b>									
6417.00	.80	199.70	6416.61	-15.04	4.26	-15.04	15.63	164.18	.00
6417.00	.80	199.70	6416.61	-15.04	4.26	-15.04	15.63	164.18	256.23



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires March 31, 2007

**SUNDRY NOTICES AND REPORTS ON WELLS**

*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

<b>SUBMIT IN TRIPLICATE- Other instructions on reverse side</b>		5 Lease Serial No <b>UTU-0307-A-</b>
1 Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> <input type="checkbox"/> Other		6 If Indian, Allottee or Tribe Name <b>NA</b>
2 Name of Operator <b>AUGUSTUS ENERGY PARTNERS, LLC</b>		7 If Unit or CA/Agreement, Name and/or No <b>UTU63022X SAN ARROYO</b>
3a Address <b>2016 GRAND AVE, SUITE A, BILLINGS, MT 59102</b>	3b Phone No (include area code) <b>406-294-5990</b>	8 Well Name and No <b>SAN ARROYO 1625-220</b>
4 Location of Well (Footage, Sec, T, R, M, or Survey Description) <b>SWSE, 946' FSL, 1424' FEL SEC 22, T16S, R25E</b>		9 API Well No <b>43-019-31580</b>
		10 Field and Pool, or Exploratory Area <b>SAN ARROYO</b>
		11 County or Parish, State <b>GRAND, UT</b>

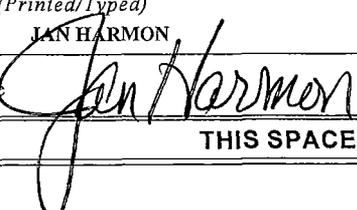
12 CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input checked="" type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13 Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

**THIS IS NOTICE OF 1ST PRODUCTION FOR THE ABOVE WELL WELL OPEN TO PRODUCTION ON 12-9-08 AT 10 00 AM Initial production was: 8 bbls Oil, 1153 mcf; 10 bbls water**

14 I hereby certify that the foregoing is true and correct

Name (Printed/Typed) <b>JAN HARMON</b>	Title <b>OPERATIONS ADMINISTRATOR</b>
Signature 	Date <b>12/10/2008</b>

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by _____	Title _____	Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		
Office _____		

Title 18 USC Section 1001 and Title 43 USC Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

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**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 6

**ENTITY ACTION FORM**

Operator: Augustus Energy Partners, LLC Operator Account Number: N 3505  
 Address: 2016 Grand Ave., Suite A  
city Billings  
state MT zip 59102 Phone Number: (406) 294-5990

**Well 1**

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301931580	San Arroyo 1625-220		SWSE	22	16S	25E	Grand
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
C	17165	505				11/17/2008	
<b>Comments:</b> Well completed into Entrada (Unit PA) <span style="float: right;"><u>12/30/08</u></span>							

**Well 2**

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
<b>Comments:</b>							

**Well 3**

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
<b>Comments:</b>							

**ACTION CODES:**

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Earlene Russell (for DOGM)

Name (Please Print)

Earlene Russell

Signature

Engineering Tech

12/30/2008

Title

Date

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED  
OMB NO. 1004-0137  
Expires: March 31, 2007

1a. Type of Well  Oil Well  Gas Well  Dry  Other  
 b. Type of Completion:  New Well  Work Over  Deepen  Plug Back  Diff. Resrv.,  
 Other \_\_\_\_\_

2. Name of Operator **AUGUSTUS ENERGY PARTNERS, LLC**

3. Address **2016 GRAND AVE, SUITE A, BILLINGS, MT 59102**

3a. Phone No. (include area code)  
**406-294-5990**

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

At surface **SWSE, 946' FSL, 1424' FEL**

At top prod. interval reported below **Same**

At total depth ~~Same~~ **931 fsl / 1419 fel** *per MSM review*

14. Date Spudded  
**10/24/2008**

15. Date T.D. Reached  
**10/31/2008**

16. Date Completed **11/17/2008**  
 D & A  Ready to Prod.

5. Lease Serial No.  
**UTU 0307-A**

6. If Indian, Allottee or Tribe Name  
**NA**

7. Unit or CA Agreement Name and No.  
**UTU63022X SAN ARROYO**

8. Lease Name and Well No.  
**SAN ARROYO 1625-220**

9. AFI Well No.  
**43-019-31580**

10. Field and Pool, or Exploratory  
**SAN ARROYO**

11. Sec., T., R., M., on Block and Survey or Area **SEC 22, T16S, R25E, 6TH**

12. County or Parish **GRAND** 13. State **UT**

17. Elevations (DF, RKB, RT, GL)\*  
**7564.5' GL 7578.5' KB**

18. Total Depth: MD  
**TVD 6650' KB 6350**

19. Plug Back T.D.: MD  
**TVD 6597' KB 6597**

20. Depth Bridge Plug Set: MD  
**TVD 6500' KB**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
**MUD LOG; FORM. EVAL.; AIT/GR; CBL/VDL;**

22. Was well cored?  No  Yes (Submit analysis)  
 Was DST run?  No  Yes (Submit report)  
 Directional Survey?  No  Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.25"	9.625K5	36	0	350		80 promolite	28	0	
7.875	5.5/N-80	17	0	6643'		70 G neat 909 50-50poz	16.8 250	0	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-3/8	6352	6318						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) ENTRADA ENRD	6386'		6418-6440		96	open
B)						
C)						
D)						

26. Perforation Record

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
12/09/2008	12/09/2008	24	→	8	1153	10			flowing
Choke Size	Tbg. Press. Flvg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						producing

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flvg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

\*(See instructions and spaces for additional data on page 2)

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28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				CASTLEGATE	2048'
				MANCOS SHALE	2258'
				MANCOS "B"	3582'
				DAKOTA SILT	5558'
				TOP DAKOTA SS	5608'
				CEDAR MOUNTAIN	5734'
				MORRISON	5904'
				SALT WASH	6100'
				ENTRADA	6386'

32. Additional remarks (include plugging procedure):

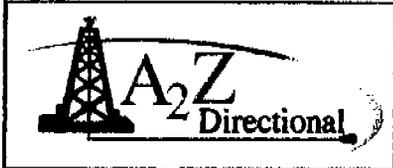
33. Indicate which items have been attached by placing a check in the appropriate boxes:

- Electrical/Mechanical Logs (1 full set req'd.)  
  Geologic Report  
  DST Report  
  Directional Survey  
 Sundry Notice for plugging and cement verification  
  Core Analysis  
  Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) JAN HARMON Title OPERATION ADMINISTRATOR  
 Signature *Jan Harmon* Date 12-10-08

Title 18 U.S.C Section 1001 and Title 43 U.S.C Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



Job Number: 8055  
 Company: Augustus  
 Lease/Well: SA1628-220  
 Location: S22,T185,R25E  
 Rig Name: Frontier 5  
 RKB: 7574  
 G.L. or M.S.L.: G.L.

State/Country: Utah, USA  
 Declination: 9.34085  
 Grid: □  
 File name: C:\WINSERVE\8055.SVY  
 Date/Time: 13-Nov-08 / 00:57  
 Curve Name: 8055-Augustus-Frontier 5

**A2Z Directional Services, LP**  
**P. O. Box 1214 - 460 Old Salt Creek Hwy**  
**Mills, Wyoming 82644**  
**phone 307-234-1229**

**WINSERVE SURVEY CALCULATIONS**  
*Minimum Curvature Method*  
*Vertical Section Plane .00*  
*Vertical Section Referenced to Wellhead*  
*Rectangular Coordinates Referenced to Wellhead*

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE		Dogleg Severity Deg/100
							Distance	Direction	
							FT	Deg	
<b>Tie-In point @ Surface 0.00 ft MID.</b>									
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
202.00	.50	184.20	202.00	-.88	-.06	-.88	.88	184.20	.25
312.00	.20	349.20	312.00	-1.17	-.14	-1.17	1.18	186.62	.63
418.00	.30	34.90	418.00	-.76	-.01	-.76	.76	180.87	.20
541.00	.30	74.50	540.99	-.41	.48	-.41	.63	130.30	.17
663.00	.20	85.40	662.99	-.31	1.00	-.31	1.05	107.03	.09
762.00	.20	84.30	751.99	-.28	1.31	-.28	1.34	102.01	.00
873.00	.50	101.40	872.99	-.36	2.04	-.36	2.07	100.08	.26
995.00	.90	105.00	994.98	-.72	3.49	-.72	3.56	101.60	.33
1125.00	1.10	87.40	1124.96	-.92	5.72	-.92	5.79	99.17	.28
1252.00	1.40	87.40	1251.93	-.80	8.49	-.80	8.53	95.37	.24
1378.00	1.40	50.00	1377.90	.26	11.20	.26	11.21	88.66	.71
1503.00	.50	20.20	1502.88	1.75	12.58	1.75	12.68	82.05	.80
1629.00	.70	321.70	1628.87	2.87	12.28	2.87	12.61	76.82	.49
1755.00	.80	343.90	1754.86	4.11	11.62	4.11	12.32	70.50	.21
1883.00	.10	307.70	1882.86	4.82	11.34	4.82	12.32	66.95	.41
2008.00	.40	20.30	2007.86	5.30	11.41	5.30	12.58	65.07	.31
2133.00	.20	40.70	2132.86	5.88	11.70	5.88	13.09	63.34	.18
2280.00	.30	5.50	2259.86	6.37	11.88	6.37	13.48	61.78	.14

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE Distance FT	Direction Deg	Dogleg Severity Deg/100
2386.00	.40	42.60	2385.86	7.03	12.21	7.03	14.08	60.07	.19
2512.00	.40	359.80	2511.85	7.79	12.60	7.79	14.73	58.07	.23
2639.00	.60	36.60	2638.85	8.77	12.88	8.77	15.59	55.75	.29
2766.00	.90	32.30	2765.84	10.16	13.80	10.16	17.14	53.65	.24
2890.00	.80	342.60	2889.82	11.81	14.06	11.81	18.36	49.89	.58
3013.00	.60	320.00	3012.82	13.12	13.39	13.12	18.76	45.59	.27
3139.00	.30	280.50	3138.81	13.68	12.64	13.68	18.63	42.74	.33
3265.00	.30	274.30	3264.81	13.77	11.99	13.77	18.26	41.06	.03
3388.00	.30	216.60	3387.81	13.53	11.48	13.53	17.75	40.30	.24
3509.00	.40	188.40	3508.81	12.86	11.23	12.86	17.07	41.12	.16
3640.00	.40	175.00	3639.80	11.95	11.20	11.95	16.38	43.14	.07
3765.00	.30	161.20	3764.80	11.21	11.34	11.21	15.95	45.34	.10
3891.00	.40	143.30	3890.80	10.54	11.71	10.54	15.76	48.01	.12
4018.00	.40	175.30	4017.80	9.76	12.01	9.76	15.47	50.95	.17
4144.00	.50	181.10	4143.79	8.76	12.04	8.76	14.89	53.96	.09
4321.00	.40	176.90	4320.79	7.37	12.06	7.37	14.13	58.57	.06
4395.00	.70	148.90	4394.78	6.73	12.31	6.73	14.02	61.34	.53
4520.00	.40	168.90	4519.78	5.64	12.78	5.64	13.97	66.18	.28
4646.00	.60	170.90	4645.77	4.56	12.97	4.56	13.75	70.63	.16
4773.00	.50	205.80	4772.77	3.40	12.84	3.40	13.28	75.15	.27
4897.00	.50	193.10	4896.76	2.39	12.48	2.39	12.71	79.15	.09
5021.00	.70	222.40	5020.76	1.30	11.85	1.30	11.92	83.72	.29
5148.00	.40	229.20	5147.75	.44	10.99	.44	11.00	87.70	.24
5275.00	.80	224.00	5274.74	-.49	10.04	-.49	10.05	92.77	.32
5401.00	.70	201.30	5400.73	-1.84	9.15	-1.84	9.33	101.35	.25
5527.00	.60	66.80	5526.73	-2.34	9.37	-2.34	9.66	104.00	.88
5653.00	1.10	202.20	5652.72	-3.24	9.42	-3.24	9.96	108.98	1.19
5780.00	1.50	206.60	5779.69	-5.85	8.21	-5.85	10.09	125.47	.32
5960.00	.70	201.10	5959.65	-8.99	6.76	-8.99	11.26	143.03	.45
6119.00	.90	205.60	6118.64	-11.02	5.88	-11.02	12.49	151.93	.13
6159.00	.90	206.60	6158.63	-11.58	5.60	-11.58	12.87	154.20	.04
6284.00	.80	198.80	6283.62	-13.29	4.88	-13.29	14.16	159.83	.12
6359.00	.80	199.70	6358.61	-14.28	4.53	-14.28	14.98	162.38	.02
<b>Final Station Closure 15.28 ft @ 164.06 degrees Azimuth.</b>									
6417.00	.80	199.70	6416.61	-15.04	4.26	-15.04	15.63	164.18	.00
<b>Final Station Closure 15.28 ft @ 164.06 degrees Azimuth.</b>									
6417.00	.80	199.70	6416.61	-15.04	4.26	-15.04	15.63	164.18	256.23

 COPY

# DIRECTIONAL SURVEY CALCULATION

## MINIMUM CURVATURE METHOD

Well Name		Target Direction		Slot	N / S	E / W	Hole Size	Calculation by		Date
SA 1625-220		200.00		Coordinate	0.00	0.00	12.250	Zebuelon Worline		10/24/08
Job Number		Type of Survey		Tie-in Point			Directional Co.			
8055		Manned		At Surface 0.00 ft MD			A <sub>2</sub> Z Directional, LP			
Survey Depth	Hole Angle	Hole Direction	Course Length	True Vertical Depth	Vertical Section	Total Coordinate		Dogleg Severity	Build Up %/100 ft	Walk/ %/100 ft
						N + / S -	E + / W -			
<< SURFACE >>										
<< Tie in Point >>										
0			0							
202	0.50	184.20	202	202.00	0.85	-0.88	-0.08	0.25	0.25	91.19
312	0.20	349.20	110	312.00	1.15	-1.17	-0.14	0.63	-0.27	150.00
418	0.30	34.90	108	418.00	0.72	-0.76	-0.01	0.20	0.09	-296.51
541	0.30	74.60	123	540.99	0.22	-0.41	0.48	0.17	0.00	32.20
683	0.20	85.40	122	662.99	-0.05	-0.31	1.00	0.09	-0.08	8.93
752	0.20	84.30	89	751.99	-0.19	-0.28	1.31	0.00	0.00	-1.24
873	0.60	101.40	121	872.99	-0.36	-0.36	2.04	0.26	0.25	14.13
996	0.80	106.00	122	994.98	-0.52	-0.72	3.49	0.33	0.33	2.95
1125	1.10	87.40	130	1,124.98	-1.09	-0.92	5.72	0.28	0.15	-13.54
1,252	1.40	87.40	127	1,251.93	-2.15	-0.80	8.49	0.24	0.24	0.00
1,378	1.40	50.00	126	1,377.90	-4.08	0.26	11.20	0.71	0.00	-29.68
1,503	0.60	20.20	125	1,502.88	-5.95	1.75	12.56	0.80	-0.72	-23.84
1,629	0.70	321.70	126	1,628.87	-6.90	2.87	12.28	0.49	0.16	239.29
1,755	0.60	343.90	126	1,754.86	-7.84	4.11	11.62	0.21	-0.08	17.62
1,883	0.10	307.70	128	1,882.86	-8.41	4.82	11.34	0.41	-0.39	-28.28
2,008	0.40	20.30	125	2,007.86	-8.88	5.30	11.41	0.31	0.24	-229.92
2,133	0.20	40.70	125	2,132.86	-9.52	5.88	11.70	0.18	-0.16	16.32
2,260	0.30	51.50	127	2,259.86	-10.01	6.25	12.10	0.09	0.08	8.50
2,386	0.40	42.60	126	2,385.85	-10.70	6.78	12.66	0.09	0.08	-7.06
2,512	0.40	369.60	126	2,511.85	-11.52	7.54	12.96	0.23	0.00	251.59
2,639	0.60	35.60	127	2,638.85	-12.58	8.53	13.34	0.29	0.16	-255.12
2,766	0.90	32.30	127	2,765.84	-14.19	9.91	14.26	0.24	0.24	-2.60
2,890	0.80	342.50	124	2,889.82	-15.83	11.56	14.52	0.58	-0.08	250.16
3,013	0.60	320.00	123	3,012.82	-16.83	12.87	13.85	0.27	-0.16	-18.29
3,139	0.30	280.50	126	3,138.81	-17.11	13.44	13.10	0.33	-0.24	-31.35
3,266	0.30	274.30	126	3,264.81	-16.96	13.52	12.45	0.03	0.00	-4.92
3,388	0.30	216.60	123	3,387.81	-16.57	13.29	11.93	0.24	0.00	-48.99
3,509	0.40	188.40	121	3,508.81	-15.85	12.62	11.68	0.16	0.08	-23.22
3,640	0.40	175.00	131	3,639.80	-14.99	11.71	11.86	0.07	0.00	-10.23
3,765	0.30	161.20	125	3,764.80	-14.34	10.96	11.80	0.10	-0.08	-11.04
3,891	0.40	143.30	126	3,890.80	-13.84	10.30	12.17	0.12	0.08	-14.21
4,018	0.40	175.30	127	4,017.80	-13.19	9.50	12.47	0.17	0.00	25.20
4,144	0.50	181.10	128	4,143.79	-12.27	8.51	12.50	0.09	0.08	4.60
4,321	0.40	176.90	177	4,320.79	-10.97	7.12	12.51	0.06	-0.06	-2.37
4,395	0.70	148.80	74	4,394.78	-10.45	6.48	12.76	0.53	0.41	-37.84
4,520	0.40	168.90	125	4,519.78	-9.60	5.40	13.24	0.28	-0.24	16.00
4,646	0.60	170.90	126	4,645.77	-8.65	4.31	13.43	0.16	0.16	1.59
4,773	0.60	208.80	127	4,772.77	-7.51	3.16	13.29	0.27	-0.08	27.48
4,897	0.60	193.10	124	4,896.76	-6.44	2.14	12.93	0.09	0.00	-10.24
5,021	0.70	222.40	124	5,020.76	-5.20	1.06	12.30	0.29	0.16	23.63
5,148	0.40	229.20	127	5,147.75	-4.10	0.20	11.44	0.24	-0.24	5.35
5,275	0.80	224.00	127	5,274.74	-2.90	-0.73	10.49	0.32	0.31	-4.09
5,401	0.70	201.30	126	5,400.73	-1.33	-2.08	9.60	0.25	-0.08	-18.02
5,527	0.60	66.80	126	5,526.73	-0.93	-2.58	9.83	0.88	-0.16	-106.75
5,653	1.10	202.20	126	5,652.72	-0.10	-3.49	9.87	1.19	0.48	107.46
5,780	1.50	206.60	127	5,779.69	2.77	-6.10	8.67	0.32	0.31	3.46
5,960	0.70	201.10	180	5,959.65	6.21	-9.23	7.22	0.45	-0.44	-3.06

COPY

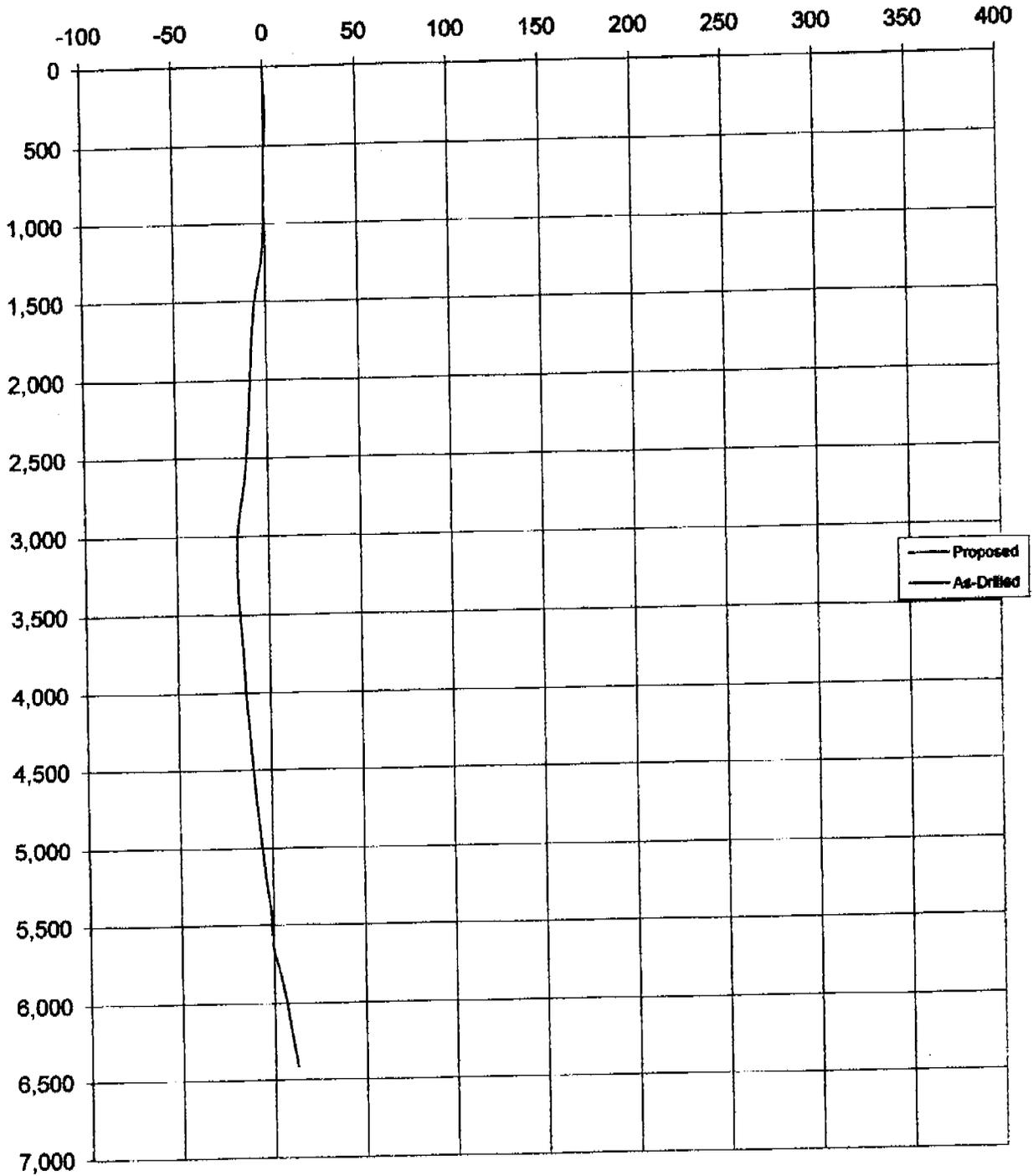
# DIRECTIONAL SURVEY CALCULATION

## MINIMUM CURVATURE METHOD

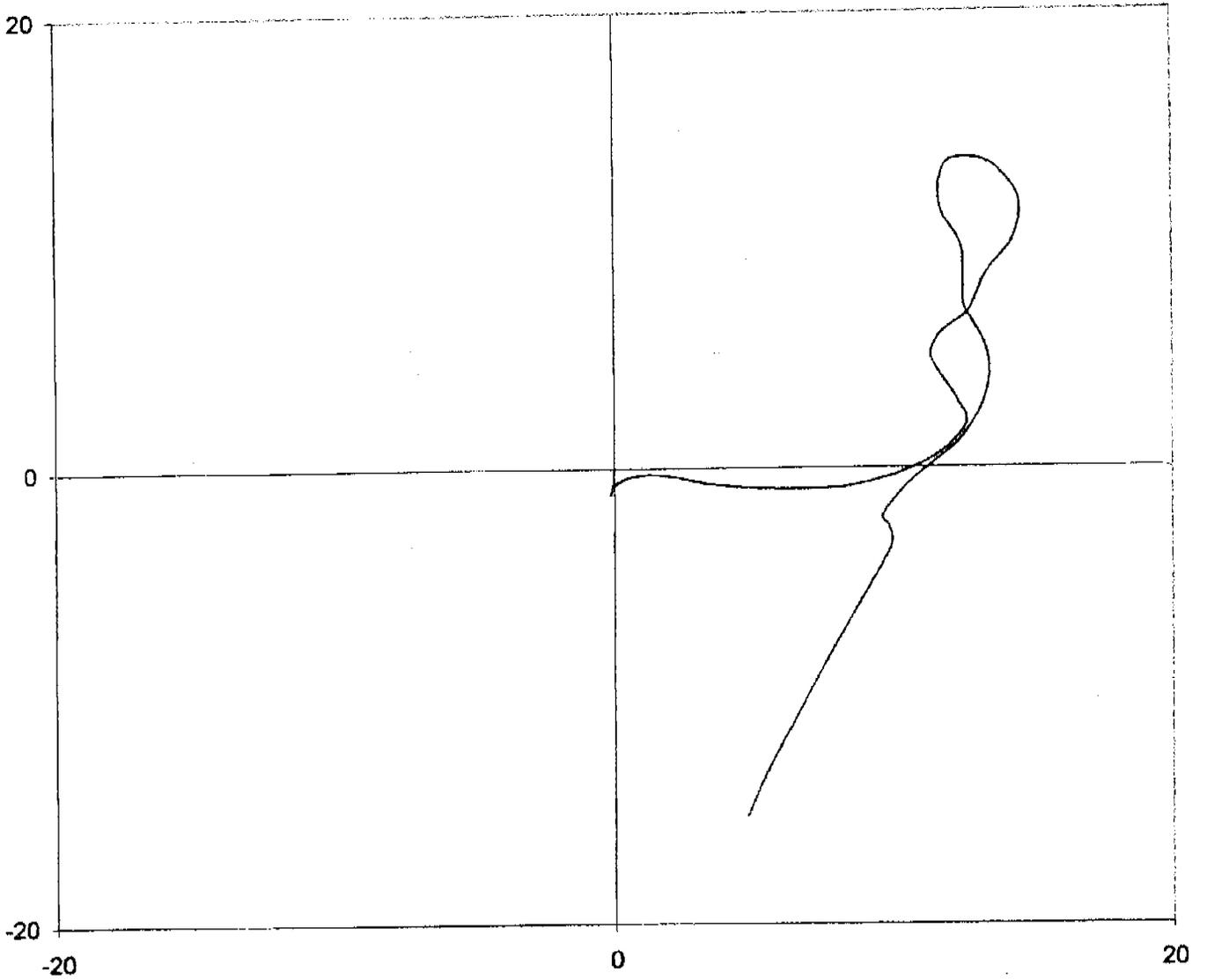
<b>Well Name</b> SA 1625-220		<b>Target Direction</b> 200.00		<b>Slot Coordinate</b>	<b>N / S</b> 0.00	<b>E / W</b> 0.00	<b>Hole Size</b> 12.250	<b>Calculation by</b> Zebuelon Worline		<b>Date</b> 10/24/08	
<b>Job Number</b> 8055		<b>Type of Survey</b> Manned		<b>Tie-In Point</b> At Surface 0.00 ft MD				<b>Directional Co.</b> A.Z. Directional, LP			
Survey Depth	Hole Angle	Hole Direction	Course Length	True Vertical Depth	Vertical Section	Total Coordinate		Dogleg Severity	Build Up %/100 ft	Walk %/100 ft	
						N + / S -	E + / W -				
<< SURFACE >>											
6,119	0.90	205.50	159	6,118.64	8.42	-11.27	6.33	0.13	0.13	2.77	
6,159	0.90	206.60	40	6,158.63	9.05	-11.83	6.06	0.04	0.00	2.75	
6,284	0.80	198.80	125	6,283.62	10.89	-13.53	5.33	0.12	-0.08	-6.24	
6,359	0.80	199.70	75	6,358.61	11.94	-14.52	4.99	0.02	0.00	1.20	
6,417	0.80	199.70	58	6,416.61	12.75	-15.29	4.72	0.00	0.00	0.00	
Projected bit depth to 6,417 ft MD last survey at 6,359 ft MD											

 COPY

**SA 1625-220  
Frontier 5  
VS View - 190 Az**



SA 1625-220  
Plane View



 COPY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1. Type of Well  
 Oil Well   Gas Well  Other

2. Name of Operator AUGUSTUS ENERGY PARTNERS, LLC

3a. Address 2016 GRAND AVENUE, STE A, BILLINGS, MT 59102  
3b. Phone No. (include area code) 406-294-5990

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
NESW, SEC 29, T8S, R103W

5. Lease Serial No.  
6. If Indian, Allottee or Tribe Name  
7. If Unit or CA/Agreement, Name and/or No.  
8. Well Name and No.  
BADGER WASH MIDSTREAM  
9. API Well No.  
43 019 31580  
10. Field and Pool, or Exploratory Area  
11. County or Parish, State  
MESA COUNTY, COLORADO

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>SUSPENSION OF</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<u>OPERATION</u>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

THE BADGER WASH MIDSTREAM GAS PLANT SUSPENDED OPERATION AS OF 5:00 PM ON 5/31/09.

THE FOLLOWING UTAH WELLS ARE NOW SI ACCORDINGLY.

SAN ARROYO 1	43-019-16532	U-71307	SENW, SEC 26, T16S, R25E, 1712' FNL, 2566' FWL	GRAND COUNTY, UTAH
SAN ARROYO 2	49-019-15885	U-370A	SENW, SEC 22, T16S, R25E, 2420' FNL, 2430' FWL	GRAND COUNTY, UTAH
SAN ARROYO 1625-220	49-019-31580	UTU-0307-A	SWSE, SEC 22, T16S, R25E, 946' FSL, 1424' FEL	GRAND COUNTY, UTAH

RECEIVED  
AUG 03 2009

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

JAN HARMON

Title OPERATIONS ADMINISTRATOR DIV. OF OIL, GAS & MINING

Signature

Date 07/29/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET (for state use only)**

**ROUTING**  
 CDW

**X - Change of Operator (Well Sold)**

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

**11/11/2013**

<b>FROM: (Old Operator):</b> N3505-Augustus Energy Partners, LLC 2016 Garnd Ave, Suite A Billings, MT 59102  Phone: 1 (406) 294-5990	<b>TO: ( New Operator):</b> N4035-Southwestern Energy Ventures Company, LLC PO Box 1056 Bayfield, CO 81122  Phone: 1 (970) 884-4869
---	--

**CA No. Unit: San Arroyo**

WELL NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
See Attached List						

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 11/22/2013
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 11/22/2013
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 11/27/2013
- Is the new operator registered in the State of Utah: \_\_\_\_\_ Business Number: 8812939-0161
- (R649-9-2) Waste Management Plan has been received on: N/A
- Inspections of LA PA state/fee well sites complete on: N/A
- Reports current for Production/Disposition & Sundries on: 11/27/2013
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM Not Yet BIA N/A
- Federal and Indian Units:**  
 The BLM or BIA has approved the successor of unit operator for wells listed on: Not Yet
- Federal and Indian Communization Agreements ("CA"):**  
 The BLM or BIA has approved the operator for all wells listed within a CA on: Not Yet
- Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to **Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 12/1/2013
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 12/1/2013
- Bond information entered in RBDMS on: 12/1/2013
- Fee/State wells attached to bond in RBDMS on: 12/1/2013
- Injection Projects to new operator in RBDMS on: N/A
- Receipt of Acceptance of Drilling Procedures for APD/New on: N/A
- Surface Agreement Sundry from **NEW** operator on Fee Surface wells received on: N/A

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: RLB0015347
- Indian well(s) covered by Bond Number: N/A
- (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number RLB0015348
- The **FORMER** operator has requested a release of liability from their bond on: 11/22/2013

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

**COMMENTS:**

## Augustus Energy Partners, LLC (N3505) to Southwestern Energy Ventures Company, LLC (N4035)

Effective 11/11/2013

## San Arroyo Unit

Well Name	Sec	TWN	RNG	API Number	Entity	Mineral Lease	Well Type	Well Status
SAN ARROYO U 35	24	160S	250E	4301911090	500	Federal	GW	P
SAN ARROYO 2	22	160S	250E	4301915885	505	Federal	GW	S
SAN ARROYO 3	23	160S	250E	4301915886	500	Federal	GW	P
SAN ARROYO 4	30	160S	260E	4301915887	500	Federal	GW	P
SAN ARROYO 5	25	160S	250E	4301915888	505	Federal	GW	S
SAN ARROYO 6	21	160S	250E	4301915889	505	Federal	GW	S
SAN ARROYO 8	16	160S	250E	4301915890	500	Federal	GW	P
SAN ARROYO 9	27	160S	250E	4301915891	500	Federal	GW	P
SAN ARROYO 11	15	160S	250E	4301915892	500	Federal	GW	S
SAN ARROYO 12	23	160S	250E	4301915893	500	Federal	GW	P
SAN ARROYO 13	22	160S	250E	4301915894	500	Federal	GW	P
SAN ARROYO 16	26	160S	250E	4301915896	500	Federal	GW	P
SAN ARROYO 17	24	160S	250E	4301915897	500	Federal	GW	P
SAN ARROYO 18	30	160S	260E	4301915898	500	Federal	GW	P
SAN ARROYO 19	14	160S	250E	4301915899	500	Federal	GW	P
SAN ARROYO 20	26	160S	250E	4301915900	500	Federal	GW	P
SAN ARROYO 21	25	160S	250E	4301915901	500	Federal	GW	P
SAN ARROYO 22	15	160S	250E	4301915902	500	Federal	GW	P
SAN ARROYO 24	19	160S	260E	4301915903	500	Federal	GW	P
SAN ARROYO 25	21	160S	250E	4301915904	500	Federal	GW	P
SAN ARROYO 26	20	160S	260E	4301915905	500	Federal	GW	P
SAN ARROYO 27	29	160S	260E	4301915906	500	Federal	GW	P
SAN ARROYO 28	29	160S	260E	4301915907	500	Federal	GW	P
SAN ARROYO 29	22	160S	250E	4301915908	500	Federal	GW	P
SAN ARROYO 30	21	160S	260E	4301915909	500	Federal	GW	P
SAN ARROYO 1	26	160S	250E	4301916532	505	Federal	GW	S
SAN ARROYO 31	22	160S	250E	4301930527	500	Federal	GW	S
SAN ARROYO 32	14	160S	250E	4301930528	500	Federal	GW	S
SAN ARROYO 33	25	160S	250E	4301930608	500	Federal	GW	P
SAN ARROYO U 36-A	19	160S	260E	4301931251	500	Federal	GW	P
SAN ARROYO U 37	20	160S	260E	4301931252	500	Federal	GW	P
SAN ARROYO U 38	16	160S	250E	4301931253	500	State	GW	P
SAN ARROYO U 41	36	160S	250E	4301931289	500	State	GW	P
SAN ARROYO U 42	30	160S	260E	4301931290	500	Federal	GW	P
SAN ARROYO U 43	29	160S	260E	4301931291	500	Federal	GW	S
SAN ARROYO 45	20	160S	260E	4301931299	500	Federal	GW	P
SAN ARROYO 44	30	160S	260E	4301931301	500	Federal	GW	S
SAN ARROYO 49	29	160S	260E	4301931316	500	Federal	GW	P
FEDERAL 47	31	160S	260E	4301931318	500	Federal	GW	P
SAN ARROYO 1625-22O	22	160S	250E	4301931580	505	Federal	GW	S

# BEATTY & WOZNIAK, P.C.

ATTORNEYS AT LAW

216 SIXTEENTH STREET, SUITE 1100  
DENVER, COLORADO 80202-5115  
TELEPHONE (303) 407-4499  
FACSIMILE (303) 407-4494  
www.bwenergylaw.com

CASPER

CHEYENNE

DENVER

SALT LAKE CITY

SANTA FE

JENNIFER STOLDT

PHONE: (303) 407-4499

E-MAIL: JSTOLDT@BWENERGYLAW.COM

November 21, 2013

VIA FEDERAL EXPRESS

Utah Division of Oil, Gas and Mining  
Attn: Rachel Medina  
1594 West North Temple, Suite 1210  
Salt Lake City, UT 84116

RECEIVED  
NOV 22 2013  
DIV. OF OIL, GAS & MINING

Re: Sundry Notices and Reports on Wells – Change of Operator (Form 9)  
Our File No.: 9517.0001

Dear Ms. Madina:

Enclosed for notice and filing please find an original and three (3) copies of the Sundry Notices and Reports on Wells, list of wells, and copies of BLM Bond No. RLB0015347 and Utah State Bond No. RLB0015348.

If you have any questions regarding the enclosed documents, please call me directly at 303-407-4459. Thank you for your assistance in this matter.

Very truly yours,

BEATTY & WOZNIAK, P.C.



Jennifer Stoldt

Enclosures  
00292177.DOCX

Energy in the Law®

Operating in Wyoming as Beatty, Wozniak & Reese

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: <b>See Attached List</b>
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: <b>See Attached List</b>
2. NAME OF OPERATOR: <b>Augustus Energy Partners, LLC</b> <i>N3505</i>		8. WELL NAME and NUMBER: <b>See Attached List</b>
3. ADDRESS OF OPERATOR: 2016 Grand Ave. Ste A <small>CITY</small> <b>Billings</b> <small>STATE</small> <b>MT</b> <small>ZIP</small> <b>59102</b>		9. API NUMBER: <b>See Attach</b>
PHONE NUMBER: <b>(406) 294-5990</b>		10. FIELD AND POOL, OR WILDCAT: <b>See Attached List</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: _____		COUNTY: <b>See Attached List</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____		STATE: <b>UTAH</b>

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of work completion: _____	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Change of Operator</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<u>Effective 11/11/13</u>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Southwestern Energy Ventures Company, LLC will become operator of the wells per the attached list effective 11/11/2013.  
Attn: Ezra Lee  
P. O. Box 1056  
Bayfield, CO 81122  
970-884-4869  
ezra@crossfire-llc.com

Bond Coverage for operations conducted on these wells is being provided by Southwestern Energy Ventures Company, LLC in the form of a \$ 120,000 statewide Bond.

Utah State bond number RLB0015348 Surety number (Letter of credit ) \_\_\_\_\_

BLM Bond Number RLB0015347

NAME (PLEASE PRINT) Ezra Lee TITLE Manager

SIGNATURE [Signature] DATE 11-13-13

NAME (PLEASE PRINT) Duane Zimmerman TITLE VP Operations

SIGNATURE [Signature] DATE 11/11/13 *N3505*

(This space for State use only)  
**APPROVED**

**DEC 01 2013**

(5/2000) DIV. OIL GAS & MINING  
BY: Rachel Medina

*\* San Arroyo U40  
not moved b/c its  
a P+A Federal well.  
(See Instructions on Reverse Side)*

	Current Operator	API Well Number	Well Name	Lease #	Unit #	CA #	Entity #	Qtr/Qtr	Sec	Twnshp-Rng
1	AUGUSTUS ENERGY PARTNERS LLC	43-019-11090-00-00	SAN ARROYO U 35	891003589A	UTU63022X		500	SESW	24	16S-25E
2	AUGUSTUS ENERGY PARTNERS LLC	43-019-15885-00-00	SAN ARROYO 2	891003598B	UTU63022X		505	SESW	22	16S-25E
3	AUGUSTUS ENERGY PARTNERS LLC	43-019-15886-00-00	SAN ARROYO 3	891003589A	UTU63022X		500	SESW	23	16S-25E
4	AUGUSTUS ENERGY PARTNERS LLC	43-019-15887-00-00	SAN ARROYO 4	891003589A	UTU63022X		500	SESW	30	16S-26E
5	AUGUSTUS ENERGY PARTNERS LLC	43-019-15888-00-00	SAN ARROYO 5	891003598B	UTU63022X		505	NWSE	25	16S-25E
6	AUGUSTUS ENERGY PARTNERS LLC	43-019-15889-00-00	SAN ARROYO 6	891003598B	UTU63022X		505	SWNE	21	16S-25E
7	AUGUSTUS ENERGY PARTNERS LLC	43-019-15890-00-00	SAN ARROYO 8	891003589A	UTU63022X		500	SWSW	16	16S-25E
8	AUGUSTUS ENERGY PARTNERS LLC	43-019-15891-00-00	SAN ARROYO 9	891003589A	UTU63022X		500	NWNE	27	16S-25E
9	AUGUSTUS ENERGY PARTNERS LLC	43-019-15892-00-00	SAN ARROYO 11	891003589A	UTU63022X		500	NESW	15	16S-25E
10	AUGUSTUS ENERGY PARTNERS LLC	43-019-15893-00-00	SAN ARROYO 12	891003589A	UTU63022X		500	SWSW	23	16S-25E
11	AUGUSTUS ENERGY PARTNERS LLC	43-019-15894-00-00	SAN ARROYO 13	891003589A	UTU63022X		500	C-SW	22	16S-25E
12	AUGUSTUS ENERGY PARTNERS LLC	43-019-15896-00-00	SAN ARROYO 16	891003589A	UTU63022X		500	SESW	26	16S-25E
13	AUGUSTUS ENERGY PARTNERS LLC	43-019-15897-00-00	SAN ARROYO 17	891003589A	UTU63022X		500	NENE	24	16S-25E
14	AUGUSTUS ENERGY PARTNERS LLC	43-019-15898-00-00	SAN ARROYO 18	891003589A	UTU63022X		500	NWNW	30	16S-26E
15	AUGUSTUS ENERGY PARTNERS LLC	43-019-15899-00-00	SAN ARROYO 19	891003589A	UTU63022X		500	SWSE	14	16S-25E
16	AUGUSTUS ENERGY PARTNERS LLC	43-019-15900-00-00	SAN ARROYO 20	891003589A	UTU63022X		500	SENE	26	16S-25E
17	AUGUSTUS ENERGY PARTNERS LLC	43-019-15901-00-00	SAN ARROYO 21	891003589A	UTU63022X		500	NWSE	25	16S-25E
18	AUGUSTUS ENERGY PARTNERS LLC	43-019-15902-00-00	SAN ARROYO 22	891003589A	UTU63022X		500	NENE	15	16S-25E
19	AUGUSTUS ENERGY PARTNERS LLC	43-019-15903-00-00	SAN ARROYO 24	891003589A	UTU63022X		500	SESW	19	16S-26E
20	AUGUSTUS ENERGY PARTNERS LLC	43-019-15904-00-00	SAN ARROYO 25	891003589A	UTU63022X		500	SWNE	21	16S-25E
21	AUGUSTUS ENERGY PARTNERS LLC	43-019-15905-00-00	SAN ARROYO 26	891003589A	UTU63022X		500	SWSW	20	16S-26E
22	AUGUSTUS ENERGY PARTNERS LLC	43-019-15906-00-00	SAN ARROYO 27	891003589A	UTU63022X		500	NESW	29	16S-26E
23	AUGUSTUS ENERGY PARTNERS LLC	43-019-15907-00-00	SAN ARROYO 28	891003589A	UTU63022X		500	NWNE	29	16S-26E
24	AUGUSTUS ENERGY PARTNERS LLC	43-019-15908-00-00	SAN ARROYO 29	891003589A	UTU63022X		500	NENE	22	16S-25E
25	AUGUSTUS ENERGY PARTNERS LLC	43-019-15909-00-00	SAN ARROYO 30	891003589A	UTU63022X		500	NWSW	21	16S-26E
26	AUGUSTUS ENERGY PARTNERS LLC	43-019-16532-00-00	SAN ARROYO 1	891003598B	UTU63022X		505	SESW	26	16S-25E
27	AUGUSTUS ENERGY PARTNERS LLC	43-019-30527-00-00	SAN ARROYO 31	891003589A	UTU63022X		500	NWNW	22	16S-25E
28	AUGUSTUS ENERGY PARTNERS LLC	43-019-30528-00-00	SAN ARROYO 32	891003589A	UTU63022X		500	SWSW	14	16S-25E
29	AUGUSTUS ENERGY PARTNERS LLC	43-019-30608-00-00	SAN ARROYO 33	891003589A	UTU63022X		500	SWSW	25	16S-25E
30	AUGUSTUS ENERGY PARTNERS LLC	43-019-31251-00-00	SAN ARROYO U 36-A	891003589A	UTU63022X		500	SESE	19	16S-26E
31	AUGUSTUS ENERGY PARTNERS LLC	43-019-31252-00-00	SAN ARROYO U 37	891003589A	UTU63022X		500	SWNE	20	16S-26E
32	AUGUSTUS ENERGY PARTNERS LLC	43-019-31253-00-00	SAN ARROYO U 38	891003589A	UTU63022X		500	SWNE	16	16S-25E
33	AUGUSTUS ENERGY PARTNERS LLC	43-019-31289-00-00	SAN ARROYO U 41	891003589A	UTU63022X		500	NENE	36	16S-25E
34	AUGUSTUS ENERGY PARTNERS LLC	43-019-31290-00-00	SAN ARROYO U 42	891003589A	UTU63022X		500	NESE	30	16S-26E
35	AUGUSTUS ENERGY PARTNERS LLC	43-019-31291-00-00	SAN ARROYO U 43	891003589A	UTU63022X		500	NESE	29	16S-26E
36	AUGUSTUS ENERGY PARTNERS LLC	43-019-31299-00-00	SAN ARROYO 45	891003589A	UTU63022X		500	NWSE	20	16S-26E
37	AUGUSTUS ENERGY PARTNERS LLC	43-019-31301-00-00	SAN ARROYO 44	891003589A	UTU63022X		500	SENE	30	16S-26E
38	AUGUSTUS ENERGY PARTNERS LLC	43-019-31316-00-00	SAN ARROYO 49	891003589A	UTU63022X		500	NENW	29	16S-26E
39	AUGUSTUS ENERGY PARTNERS LLC	43-019-31580-00-00	SAN ARROYO 1625-220	891003598B	UTU63022X		505	SWSE	22	16S-25E
40	AUGUSTUS ENERGY PARTNERS LLC	43-019-31250-00-00	SAN ARROYO U 40	891003598B	UTU63022X		505	NWNE	27	16S-25E
41	AUGUSTUS ENERGY PARTNERS LLC	43-019-31318-00-00	FEDERAL 47	891003589A	UTU63022X		500	NWNE	31	16S-26E
44	AUGUSTUS ENERGY PARTNERS LLC	43-019-15884-00-00	FEDERAL 174 1	UTU126528		NW115	8340	SESW	11	16S-25E
42	AUGUSTUS ENERGY PARTNERS LLC	43-047-30765-00-00	BLACK HORSE CANYON FED 31-1	UTU14234			8345	NWSW	31	15S-24E
43	AUGUSTUS ENERGY PARTNERS LLC	43-019-11089-00-00	FEDERAL GILBERT 1	UTU0125628			8341	SWNE	11	16S-25E

	Current Operator	API Well Number	Well Name	Lease #	Unit #	CA #	Entity #	Qtr/Qtr	Sec	TwnsHP-Rng
45	AUGUSTUS ENERGY PARTNERS LLC	43-019-30570-00-00	ARCO 27-1	UTU29645			11595	NWSW	27	16S-25E
46	AUGUSTUS ENERGY PARTNERS LLC	43-019-30047-00-00	BITTER CREEK 1				515	SWSE	2	16S-25E
47	AUGUSTUS ENERGY PARTNERS LLC	43-019-30240-00-00	ARCO-STATE 2-1				520	NESE	2	16S-24E
48	AUGUSTUS ENERGY PARTNERS LLC	43-019-30241-00-00	ARCO-STATE 2-2				520	NWNW	2	16S-24E
49	AUGUSTUS ENERGY PARTNERS LLC	43-019-31162-00-00	ARCO STATE 36-7				9710	SWSE	36	15.5S-24E
50	AUGUSTUS ENERGY PARTNERS LLC	43-019-31192-00-00	ARCO STATE 36-8				9710	SWSW	36	15.5S-24E

Division of Oil, Gas and Mining  
 Operator Change/Name Change Worksheet-for State use only

Effective Date: 11/1/2014

FORMER OPERATOR:	NEW OPERATOR:
Southwestern Energy Ventures Company, LLC N4035 2154 W Eisenhower Blvd Loveland, CO 80537 970-669-7411	SWEVCO-SABW, LLC N4155 2154 W Eisenhower Blvd Loveland, CO 80537 970-669-7411
CA Number(s):	San Arroyo

**WELL INFORMATION:**

Well Name	Sec	TWN	RNG	API	Entity	Mineral	Surface	Type	Status
See Attached List									

**OPERATOR CHANGES DOCUMENTATION:**

- Sundry or legal documentation was received from the **FORMER** operator on: 10/21/2014
- Sundry or legal documentation was received from the **NEW** operator on: 10/21/2014
- New operator Division of Corporations Business Number: 8820416-0161

**REVIEW:**

- Surface Agreement Sundry from **NEW** operator on Fee Surface wells received on: N/A
- Receipt of Acceptance of Drilling Procedures for APD/New on: N/A
- Reports current for Production/Disposition & Sundries: 10/27/2014
- OPS/SI/TA well(s) reviewed for full cost bonding: 10/27/2014
- UIC5 on all disposal/injection/storage well(s) approved on: N/A
- Surface Facility(s) included in operator change: None
- Inspections of PA state/fee well sites complete on (only upon operators request): N/A

**NEW OPERATOR BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: RLB0015753
- Indian well(s) covered by Bond Number: RLB0015753
- State/fee well(s) covered by Bond Number(s): RLB0015799

**DATA ENTRY:**

- Well(s) update in the **OGIS** on: 11/3/2014
- Entity Number(s) updated in **OGIS** on: 11/3/2014
- Unit(s) operator number update in **OGIS** on: 11/3/2014
- Surface Facilities update in **OGIS** on: N/A
- State/Fee well(s) attached to bond(s) in **RBDMS** on: 11/3/2014
- Surface Facilities update in **RBDMS** on: N/A

**LEASE INTEREST OWNER NOTIFICATION:**

- The **NEW** operator of the Fee (Mineral) wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 11/3/2014

**COMMENTS:**

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## Southwestern Energy Ventures Company, LLC to SWEVCO-SABW, LLC

Effective November 1, 2014

Well Name	Sec	TWN	RNG	API Number	Entity	Mineral	Surface	Type	Status	Unit
ARCO 27-1	27	160S	250E	4301930570	11595	Federal	Federal	GW	P	
BLACK HORSE CANYON FED 31-1	31	150S	240E	4304730765	8345	Federal	Federal	GW	P	
FEDERAL 174 1	11	160S	250E	4301915884	8340	Federal	Federal	GW	P	
FEDERAL GILBERT 1	11	160S	250E	4301911089	8341	Federal	Federal	GW	P	
ARCO STATE 36-7	36	155S	240E	4301931162	9710	State	State	GW	P	
ARCO-STATE 2-1	2	160S	240E	4301930240	520	State	State	GW	P	
ARCO-STATE 2-2	2	160S	240E	4301930241	520	State	State	GW	P	
BITTER CREEK 1	2	160S	250E	4301930047	515	State	State	GW	P	
BAR X UNIT 11	18	170S	260E	4301930592	19413	Federal	Federal	GW	S	
BAR X UNIT 25	12	170S	250E	4301931371	19414	Federal	Federal	GW	S	
BAR X UNIT 4	18	170S	260E	4301915023	19412	Federal	Federal	GW	S	
ARCO STATE 36-8	36	155S	240E	4301931192	9710	State	State	GW	S	
FEDERAL 47	31	160S	260E	4301931318	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO 12	23	160S	250E	4301915893	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO 13	22	160S	250E	4301915894	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO 16	26	160S	250E	4301915896	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO 17	24	160S	250E	4301915897	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO 18	30	160S	260E	4301915898	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO 19	14	160S	250E	4301915899	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO 20	26	160S	250E	4301915900	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO 21	25	160S	250E	4301915901	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO 22	15	160S	250E	4301915902	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO 24	19	160S	260E	4301915903	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO 25	21	160S	250E	4301915904	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO 26	20	160S	260E	4301915905	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO 27	29	160S	260E	4301915906	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO 28	29	160S	260E	4301915907	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO 3	23	160S	250E	4301915886	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO 30	21	160S	260E	4301915909	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO 33	25	160S	250E	4301930608	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO 4	30	160S	260E	4301915887	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO 44	30	160S	260E	4301931301	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO 45	20	160S	260E	4301931299	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO 49	29	160S	260E	4301931316	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO 9	27	160S	250E	4301915891	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO U 35	24	160S	250E	4301911090	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO U 36-A	19	160S	260E	4301931251	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO U 37	20	160S	260E	4301931252	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO U 42	30	160S	260E	4301931290	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO U 43	29	160S	260E	4301931291	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO 8	16	160S	250E	4301915890	500	Federal	State	GW	P	SAN ARROYO
SAN ARROYO U 38	16	160S	250E	4301931253	500	State	State	GW	P	SAN ARROYO
SAN ARROYO U 41	36	160S	250E	4301931289	500	State	Fee	GW	P	SAN ARROYO
SAN ARROYO 1	26	160S	250E	4301916532	505	Federal	Federal	GW	S	SAN ARROYO
SAN ARROYO 11	15	160S	250E	4301915892	500	Federal	Federal	GW	S	SAN ARROYO
SAN ARROYO 1625-220	22	160S	250E	4301931580	505	Federal	Federal	GW	S	SAN ARROYO
SAN ARROYO 2	22	160S	250E	4301915885	505	Federal	Federal	GW	S	SAN ARROYO
SAN ARROYO 29	22	160S	250E	4301915908	500	Federal	Federal	GW	S	SAN ARROYO
SAN ARROYO 31	22	160S	250E	4301930527	500	Federal	Federal	GW	S	SAN ARROYO
SAN ARROYO 32	14	160S	250E	4301930528	500	Federal	Federal	GW	S	SAN ARROYO
SAN ARROYO 5	25	160S	250E	4301915888	505	Federal	Federal	GW	S	SAN ARROYO
SAN ARROYO 6	21	160S	250E	4301915889	505	Federal	Federal	GW	S	SAN ARROYO

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: <b>See Attached</b>
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: <b>See Attached</b>
2. NAME OF OPERATOR: <b>SOUTHWESTERN ENERGY VENTURES COMPANY, LLC Operator #N4035</b>		8. WELL NAME and NUMBER: <b>See Attached</b>
3. ADDRESS OF OPERATOR: 2154 W. Eisenhower Blvd. CITY Loveland STATE CO ZIP 80537		9. API NUMBER: <b>Attached</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>See Attached</b>		10. FIELD AND POOL, OR WILDCAT:
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		COUNTY: <b>See Attached</b>
		STATE: <b>UTAH</b>

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of work completion: _____	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Please see attached list of wells, transferring operations to new operator SWEVCO-SABW, LLC #N4155

NAME (PLEASE PRINT) <u>Ezra Lee</u>	TITLE <u>President, Southwestern Energy Ventures Comp.</u>
SIGNATURE	DATE <u>10-16-14</u>

(This space for State use only)

**APPROVED**

**NOV 03 2014**

DIV. OIL GAS & MINING (See Instructions on Reverse Side)

BY: Rachel Medina

**RECEIVED**  
**OCT 21 2014**

DIV. OF OIL, GAS & MINING

UTAH																									
API Well Number	Well Name	Operator	Well Status	Well Type	WI	NRI	RI	OR	Field Name/Unit #	Surface Ownership	Mineral Lease	Lease Number	County	Qtr/Qtr	Section	Township-Range	FNL/FSL	FEL/FWL	Latitude	Longitude	Elev. GR	TD	Unit #	PUMPER	
<b>OPERATED</b>																									
<b>Outside the Unit</b>																									
43-019-30570	ARCO 27-1	SWEVCO-SABW	Producing	Gas Well	1.0000000	0.87500000	-	-	SAN ARROYO	Federal	Federal	U-29645	GRAND	NWSW	27	16S-25E	1787	S	1200	W	39.3846	-109.14821	6740	5700	Chris
43-019-31162	ARCO STATE 36-7	SWEVCO-SABW	Producing	Gas Well	1.0000000	0.87500000	-	-	EAST CANYON	State	State	ML-22208	GRAND	SWSE	36	15.5S-24E	540	S	1550	E	39.45341	-109.21341	8319	7945	Chris
43-019-31192	ARCO STATE 36-8	SWEVCO-SABW	Producing	Gas Well	1.0000000	0.87500000	-	-	EAST CANYON	State	State	ML-22208	GRAND	SWSW	36	15.5S-24E	945	S	850	W	39.54688	-109.22361	7789	7490	Chris
43-019-30240	ARCO STATE 2-1	SWEVCO-SABW	Producing	Gas Well	1.0000000	0.87500000	-	-	EAST CANYON	State	State	ML-22208	GRAND	NESE	2	16S-24E	2194	S	991	E	39.44346	-109.23015	8443	7600	Chris
43-019-30241	ARCO STATE 2-2	SWEVCO-SABW	Producing	Gas Well	1.0000000	0.87500000	-	-	EAST CANYON	State	State	ML-22208	GRAND	NWNW	2	16S-24E	769	N	857	W	39.44995	-109.24212	7886	7250	Chris
43-019-30047	BITTER CREEK 1	SWEVCO-SABW	Producing	Gas Well	1.0000000	0.87500000	-	-	SAN ARROYO	State	State	ML-25151	GRAND	SWSE	2	16S-25E	395	S	2530	E	39.4387	-109.12413	7375	6658	Chris
43-047-30765	BLACK HORSE CANYON FED 31-1	SWEVCO-SABW	Producing	Gas Well	1.0000000	0.84500000	-	-	BLACK HORSE CYN	Federal	Federal	U-14234	UINTAH	NWSW	31	15S-24E	1820	S	500	W	39.46736	-109.28001	8262	7910	Chris
43-019-15884	FEDERAL 174 1	SWEVCO-SABW	Producing	Gas Well	1.0000000	0.84875000	-	-	SAN ARROYO	Federal	Federal	U-0126528	GRAND	SESW	11	16S-25E	1285	S	2090	W	39.42669	-109.1264	6577	5299	Chris
43-019-11089	FEDERAL GILBERT 1	SWEVCO-SABW	Producing	Gas Well	1.0000000	0.84500000	-	-	SAN ARROYO	Federal	Federal	U-0126528	GRAND	SWNE	11	16S-25E	1700	N	1830	E	39.4329	-109.12144	7001	6200	Chris
43-019-15023	BAR X UNIT 4	SWEVCO-SABW	Producing	Gas Well					BAR X	Federal	Federal	UTSL064807	GRAND	NENE	18	17S-26E	660	N	660	E	39.33379	-109.07281	5146	3599	Chris
43-019-30592	BAR X UNIT 11	SWEVCO-SABW	Producing	Gas Well					BAR X	Federal	Federal	UTSL064807	GRAND	NWNW	18	17S-26E	1319	N	1285	W	39.33203	-109.08486	5200	3466	Chris
43-019-31371	BAR X UNIT 25	SWEVCO-SABW	Producing	Gas Well					BAR X	Federal	Federal	UTSL064806	GRAND	NWSE	12	17S-25E	1384	S	2165	E	39.33965	-109.09684	5273	3742	Chris
<b>San Arroyo Unit</b>																									
43-019-16532	SAN ARROYO 1	SWEVCO-SABW	Shut-In	Gas Well	1.0000000	0.82500000	-	0.00027708	SAN ARROYO	Federal	Federal	U-071307	GRAND	SESW	26	16S-25E	1712	N	2566	W	39.38943	-109.12453	6033	5065	Chris
43-019-15892	SAN ARROYO 11	SWEVCO-SABW	Shut-In	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-05059C	GRAND	SESW	15	16S-25E	1760	S	1990	W	39.41349	-109.14544	7524	6367	Chris
43-019-15893	SAN ARROYO 12	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-071307	GRAND	SWSW	23	16S-25E	1140	S	1220	W	39.39734	-109.12949	6507	4731	Chris
43-019-15894	SAN ARROYO 13	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-0370A	GRAND	C-SW	22	16S-25E	1320	S	1320	W	39.39783	-109.14783	7592	6260	Chris
43-019-15896	SAN ARROYO 16	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-0369	GRAND	SESW	26	16S-25E	1125	S	1790	W	39.38276	-109.12746	5922	4884	Chris
43-019-15897	SAN ARROYO 17	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-25243	GRAND	NENE	24	16S-25E	660	N	940	E	39.40676	-109.09956	5983	5003	Chris
43-019-15898	SAN ARROYO 18	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-06023	GRAND	NWNW	30	16S-26E	660	N	990	W	39.39241	-109.09272	5778	4128	Chris
43-019-15899	SAN ARROYO 19	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-05011B	GRAND	SWSE	14	16S-25E	820	S	1610	E	39.41086	-109.12089	6305	5200	Chris
43-019-15885	SAN ARROYO 2	SWEVCO-SABW	Shut-In	Gas Well	1.0000000	0.82500000	-	0.00027708	SAN ARROYO	Federal	Federal	U-0370A	GRAND	SESW	22	16S-25E	2420	N	2430	W	39.40199	-109.14379	7752	6826	Chris
43-019-15900	SAN ARROYO 20	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-071307	GRAND	SENE	26	16S-25E	1380	N	170	E	39.39025	-109.11553	6855	5457	Chris
43-019-15901	SAN ARROYO 21	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-0369	GRAND	NWSE	25	16S-25E	2066	S	2340	E	39.3853	-109.1047	5878	4299	Chris
43-019-15902	SAN ARROYO 22	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-05011A	GRAND	NENE	15	16S-25E	1210	N	990	E	39.41968	-109.13711	6480	5500	Chris
43-019-15903	SAN ARROYO 24	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-06188	GRAND	SESW	19	16S-26E	2450	N	1495	W	39.40194	-109.09106	6023	4815	Chris
43-019-15904	SAN ARROYO 25	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-25244	GRAND	SWNE	21	16S-25E	1520	N	1805	E	39.40437	-109.15872	7599	5894	Chris
43-019-15905	SAN ARROYO 26	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-25297	GRAND	SWSW	20	16S-26E	660	S	660	W	39.39603	-109.07543	5800	4800	Chris
43-019-15906	SAN ARROYO 27	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-06021	GRAND	NESE	29	16S-26E	1990	S	2100	W	39.3851	-109.07027	5584		Chris
43-019-15907	SAN ARROYO 28	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-5650	GRAND	NWNE	29	16S-26E	660	N	1980	E	39.39225	-109.06591	5690	4260	Chris
43-019-15908	SAN ARROYO 29	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-0307A	GRAND	NENE	22	16S-25E	1300	N	195	E	39.40492	-109.13429	6849	5200	Chris
43-019-15887	SAN ARROYO 3	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-0307A	GRAND	SESW	23	16S-25E	1425	N	1450	W	39.40481	-109.12847	6474	5460	Chris
43-019-15909	SAN ARROYO 30	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-05650	GRAND	NWSW	21	16S-26E	2600	S	900	W	39.40124	-109.05587	5481	4293	Chris
43-019-30527	SAN ARROYO 31	SWEVCO-SABW	Shut-In	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-0370A	GRAND	NWNW	22	16S-25E	1111	N	913	W	39.40567	-109.14907	7742	6071	Chris
43-019-30528	SAN ARROYO 32	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-05011B	GRAND	SWSW	14	16S-25E	678	S	370	W	39.41086	-109.13255	6325	4964	Chris
43-019-30608	SAN ARROYO 33	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-0369	GRAND	SWSW	25	16S-25E	634	S	728	W	39.3815	-109.1126	5966	4600	Chris
43-019-15887	SAN ARROYO 4	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-0369	GRAND	SESW	30	16S-26E	1080	S	1800	W	39.38264	-109.09012	5735	4860	Chris
43-019-31301	SAN ARROYO 44*	SWEVCO-SABW	Producing	Gas Well	0.2429414	0.20026781	-	0.00240052	SAN ARROYO	Federal	Federal	U-06023	GRAND	SENE	30	16S-26E	1342	N	741	E	39.39033	-109.08018		5020	Chris
43-019-31299	SAN ARROYO 45*	SWEVCO-SABW	Producing	Gas Well	0.2429414	0.20026781	-	0.00240052	SAN ARROYO	Federal	Federal	U-05650	GRAND	NWSE	20	16S-26E	1482	S	1866	E	39.39813	-109.06575		4786	Chris
43-01931318-	SAN ARROYO 47*	SWEVCO-SABW	Producing	Gas Well	0.2429414	0.20026781	-	0.00240052	SAN ARROYO	Federal	Federal	U-06023	GRAND	NWNE	31	16S-26E	600	N	1400	E	39.3779	-109.08244		4505	Chris
43-019-31316	SAN ARROYO 49*	SWEVCO-SABW	Producing	Gas Well	0.2429414	0.20026781	-	0.00240052	SAN ARROYO	Federal	Federal	U-025245	GRAND	NENW	29	16S-26E	1300	N	1666	W	39.39059	-109.07165		4835	Chris
43-019-15888	SAN ARROYO 5	SWEVCO-SABW	Shut-In	Gas Well	1.0000000	0.82500000	-	0.00027708	SAN ARROYO	Federal	Federal	U-0369	GRAND	NWSE	25	16S-25E	2030	S	2290	E	39.3852	-109.10452	5878	4940	Chris
43-019-15889	SAN ARROYO 6	SWEVCO-SABW	Shut-In	Gas Well	1.0000000	0.82500000	-	0.00027708	SAN ARROYO	Federal	Federal	U-025244	GRAND	SWNE	21	16S-25E	1940	N	1695	E	39.40321	-109.15836	7588	6510	Chris
43-019-15890	SAN ARROYO 8	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	State	Federal	U-0369	GRAND	SWSW	16	16S-25E	1110	S	1310	W	39.41172	-109.16659	7350	5870	Chris
43-019-15891	SAN ARROYO 9	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-0370A	GRAND	NWNE	27	16S-									

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:  
**See Attached**

**SUNDRY NOTICES AND REPORTS ON WELLS**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

7. UNIT or CA AGREEMENT NAME:  
**See Attached**

1. TYPE OF WELL  
OIL WELL  GAS WELL  OTHER \_\_\_\_\_

8. WELL NAME and NUMBER:  
**See Attached**

2. NAME OF OPERATOR:  
**SWEVCO-SABW, LLC** Operator #N4155

9. API NUMBER:  
**Attached**

3. ADDRESS OF OPERATOR:  
2154 W. Eisenhower Blvd. CITY Loveland STATE CO ZIP 80537

PHONE NUMBER:  
**(970) 669-7411**

10. FIELD AND POOL, OR WILDCAT:

4. LOCATION OF WELL  
FOOTAGES AT SURFACE: **See Attached** COUNTY: **See Attached**  
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: STATE: **UTAH**

**11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Please see attached list of wells, taking over as operator from Southwestern Energy Ventures Company, LLC #N4035  
 Effective date: November 1, 2014  
 BLM Bond: RLB 0015753  
 State Bond: RLB0015799

NAME (PLEASE PRINT) Kellie Diffendaffer TITLE Accounting Manager  
 SIGNATURE *Kellie Diffendaffer* DATE 10/14/14

(This space for State use only)

**RECEIVED**  
OCT 21 2014

**APPROVED**  
NOV 03 2014  
DIV. OIL GAS & MINING  
BY: Rachel Medina

(5/2000) (See Instructions on Reverse Side)

DIV. OF OIL, GAS & MINING

UTAH																									
API Well Number	Well Name	Operator	Well Status	Well Type	WI	NRI	RI	OR	Field Name/Unit #	Surface Ownership	Mineral Lease	Lease Number	County	Qtr/Qtr	Section	Township-Range	FNL/FSL	FEL/FWL	Latitude	Longitude	Elev. GR	TD	Unit #	PUMPER	
<b>OPERATED</b>																									
<b>Outside the Unit</b>																									
43-019-30570	ARCO 27-1	SWEVCO-SABW	Producing	Gas Well	1.0000000	0.87500000	-	-	SAN ARROYO	Federal	Federal	U-29645	GRAND	NWSW	27	16S-25E	1787	S	1200	W	39.3846	-109.14821	6740	5700	Chris
43-019-31162	ARCO STATE 36-7	SWEVCO-SABW	Producing	Gas Well	1.0000000	0.87500000	-	-	EAST CANYON	State	State	ML-22208	GRAND	SWSE	36	15.5S-24E	540	S	1550	E	39.45341	-109.21341	8319	7945	Chris
43-019-31192	ARCO STATE 36-8	SWEVCO-SABW	Producing	Gas Well	1.0000000	0.87500000	-	-	EAST CANYON	State	State	ML-22208	GRAND	SWSW	36	15.5S-24E	945	S	850	W	39.45468	-109.22361	7789	7490	Chris
43-019-30240	ARCO STATE 2-1	SWEVCO-SABW	Producing	Gas Well	1.0000000	0.87500000	-	-	EAST CANYON	State	State	ML-22208	GRAND	NESE	2	16S-24E	2194	S	991	E	39.44346	-109.23015	8443	7600	Chris
43-019-30241	ARCO STATE 2-2	SWEVCO-SABW	Producing	Gas Well	1.0000000	0.87500000	-	-	EAST CANYON	State	State	ML-22208	GRAND	NWNW	2	16S-24E	769	N	857	W	39.44995	-109.24212	7886	7250	Chris
43-019-30047	BITTER CREEK 1	SWEVCO-SABW	Producing	Gas Well	1.0000000	0.87500000	-	-	SAN ARROYO	State	State	ML-25151	GRAND	SWSE	2	16S-25E	395	S	2530	E	39.4387	-109.12413	7375	6658	Chris
43-047-30765	BLACK HORSE CANYON FED 31-1	SWEVCO-SABW	Producing	Gas Well	1.0000000	0.84500000	-	-	BLACK HORSE CYN	Federal	Federal	U-14234	UINTAH	NWSW	31	15S-24E	1820	S	500	W	39.46736	-109.28001	8262	7910	Chris
43-019-15884	FEDERAL 174 1	SWEVCO-SABW	Producing	Gas Well	1.0000000	0.84875000	-	-	SAN ARROYO	Federal	Federal	U-0126528	GRAND	SESW	11	16S-25E	1285	S	2090	W	39.42669	-109.1264	6577	5299	Chris
43-019-11089	FEDERAL GILBERT 1	SWEVCO-SABW	Producing	Gas Well	1.0000000	0.84500000	-	-	SAN ARROYO	Federal	Federal	U-0126528	GRAND	SWNE	11	16S-25E	1700	N	1830	E	39.4329	-109.12144	7001	6200	Chris
43-019-15023	BAR X UNIT 4	SWEVCO-SABW	Producing	Gas Well					BAR X	Federal	Federal	UTSL064807	GRAND	NENE	18	17S-26E	660	N	660	E	39.33379	-109.07281	5146	3599	Chris
43-019-30592	BAR X UNIT 11	SWEVCO-SABW	Producing	Gas Well					BAR X	Federal	Federal	UTSL064807	GRAND	NWNW	18	17S-26E	1319	N	1285	W	39.33203	-109.08486	5200	3466	Chris
43-019-31371	BAR X UNIT 25	SWEVCO-SABW	Producing	Gas Well					BAR X	Federal	Federal	UTSL064806	GRAND	NWSE	12	17S-25E	1384	S	2165	E	39.33965	-109.09684	5273	3742	Chris
<b>San Arroyo Unit</b>																									
43-019-16532	SAN ARROYO 1	SWEVCO-SABW	Shut-In	Gas Well	1.0000000	0.82500000	-	0.00027708	SAN ARROYO	Federal	Federal	U-071307	GRAND	SESW	26	16S-25E	1712	N	2566	W	39.38943	-109.12453	6033	5065	Chris
43-019-15892	SAN ARROYO 11	SWEVCO-SABW	Shut-In	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-05059C	GRAND	NESE	15	16S-25E	1760	S	1990	W	39.41349	-109.14544	7524	6367	Chris
43-019-15893	SAN ARROYO 12	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-071307	GRAND	SWSW	23	16S-25E	1140	S	1220	W	39.39734	-109.12949	6507	4731	Chris
43-019-15894	SAN ARROYO 13	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-0370A	GRAND	C-SW	22	16S-25E	1320	S	1320	W	39.39783	-109.14783	7592	6260	Chris
43-019-15896	SAN ARROYO 16	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-0369	GRAND	SESW	26	16S-25E	1125	S	1790	W	39.38276	-109.12746	5922	4884	Chris
43-019-15897	SAN ARROYO 17	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-25243	GRAND	NENE	24	16S-25E	660	N	940	E	39.40676	-109.09956	5983	5003	Chris
43-019-15898	SAN ARROYO 18	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-06023	GRAND	NWNW	30	16S-26E	660	N	990	W	39.39241	-109.09272	5778	4128	Chris
43-019-15899	SAN ARROYO 19	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-05011B	GRAND	SWSE	14	16S-25E	820	S	1610	E	39.41086	-109.12089	6305	5200	Chris
43-019-15885	SAN ARROYO 2	SWEVCO-SABW	Shut-In	Gas Well	1.0000000	0.82500000	-	0.00027708	SAN ARROYO	Federal	Federal	U-0370A	GRAND	SESW	22	16S-25E	2420	N	2430	W	39.40199	-109.14379	7752	6826	Chris
43-019-15900	SAN ARROYO 20	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-071307	GRAND	SENE	26	16S-25E	1360	N	170	E	39.39025	-109.11553	6855	5457	Chris
43-019-15901	SAN ARROYO 21	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-0369	GRAND	NWSE	25	16S-25E	2066	S	2340	E	39.3853	-109.1047	5878	4299	Chris
43-019-15902	SAN ARROYO 22	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-05011A	GRAND	NENE	15	16S-25E	1210	N	990	E	39.41968	-109.13711	6480	5500	Chris
43-019-15903	SAN ARROYO 24	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-06188	GRAND	SESW	19	16S-26E	2450	N	1495	W	39.40194	-109.09106	6023	4815	Chris
43-019-15904	SAN ARROYO 25	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-25244	GRAND	SWNE	21	16S-25E	1520	N	1805	E	39.40437	-109.15872	7599	5894	Chris
43-019-15905	SAN ARROYO 26	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-25297	GRAND	SWSW	20	16S-26E	660	S	660	W	39.39603	-109.07543	5800	4800	Chris
43-019-15906	SAN ARROYO 27	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-06021	GRAND	NESE	29	16S-26E	1990	S	2100	W	39.3851	-109.07027	5584		Chris
43-019-15907	SAN ARROYO 28	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-5650	GRAND	NWNE	29	16S-26E	660	N	1980	E	39.39225	-109.06591	5690	4260	Chris
43-019-15908	SAN ARROYO 29	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-0307A	GRAND	NENE	22	16S-25E	1300	N	195	E	39.40492	-109.13429	6849	5200	Chris
43-019-15886	SAN ARROYO 3	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-0307A	GRAND	SESW	23	16S-25E	1425	N	1450	W	39.40481	-109.12847	6474	5460	Chris
43-019-15909	SAN ARROYO 30	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-05650	GRAND	NWSW	21	16S-26E	2600	S	900	W	39.40124	-109.05587	5481	4293	Chris
43-019-30527	SAN ARROYO 31	SWEVCO-SABW	Shut-In	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-0370A	GRAND	NWNW	22	16S-25E	1111	N	913	W	39.40567	-109.14907	7742	6071	Chris
43-019-30528	SAN ARROYO 32	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-05011B	GRAND	SWSW	14	16S-25E	678	S	370	W	39.41066	-109.13255	6325	4964	Chris
43-019-30608	SAN ARROYO 33	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-0369	GRAND	SWSW	25	16S-25E	634	S	728	W	39.3815	-109.1126	5966	4600	Chris
43-019-15887	SAN ARROYO 4	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-0369	GRAND	SESW	30	16S-26E	1080	S	1800	W	39.38264	-109.09012	5735	4860	Chris
43-019-31301	SAN ARROYO 44*	SWEVCO-SABW	Producing	Gas Well	0.2429414	0.20026781	-	0.00240052	SAN ARROYO	Federal	Federal	U-06023	GRAND	SENE	30	16S-26E	1342	N	741	E	39.39033	-109.08018		5020	Chris
43-019-31299	SAN ARROYO 45*	SWEVCO-SABW	Producing	Gas Well	0.2429414	0.20026781	-	0.00240052	SAN ARROYO	Federal	Federal	U-05650	GRAND	NWSE	20	16S-26E	1482	S	1866	E	39.39813	-109.06575		4786	Chris
43-01931318-	SAN ARROYO 47*	SWEVCO-SABW	Producing	Gas Well	0.2429414	0.20026781	-	0.00240052	SAN ARROYO	Federal	Federal	U-06023	GRAND	NWNE	31	16S-26E	600	N	1400	E	39.3779	-109.08244		4505	Chris
43-019-31316	SAN ARROYO 49*	SWEVCO-SABW	Producing	Gas Well	0.2429414	0.20026781	-	0.00240052	SAN ARROYO	Federal	Federal	U-025245	GRAND	NENW	29	16S-26E	1300	N	1666	W	39.39059	-109.07165		4835	Chris
43-019-15888	SAN ARROYO 5	SWEVCO-SABW	Shut-In	Gas Well	1.0000000	0.82500000	-	0.00027708	SAN ARROYO	Federal	Federal	U-0369	GRAND	NWSE	25	16S-25E	2030	S	2290	E	39.3852	-109.10452	5878	4940	Chris
43-019-15889	SAN ARROYO 6	SWEVCO-SABW	Shut-In	Gas Well	1.0000000	0.82500000	-	0.00027708	SAN ARROYO	Federal	Federal	U-025244	GRAND	SWNE	21	16S-25E	1940	N	1695	E	39.40321	-109.15836	7588	6510	Chris
43-019-15890	SAN ARROYO 8	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	State	Federal	U-0369	GRAND	SWSW	16	16S-25E	1110	S	1310	W	39.41172	-109.16659	7350	5870	Chris
43-019-15891	SAN ARROYO 9	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-0370A	GRAND	NWNE	27	16S-									

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9  5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-31928
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:  7. UNIT or CA AGREEMENT NAME: TIN CUP MESA
1. TYPE OF WELL Water Injection Well	8. WELL NAME and NUMBER: TIN CUP MESA 1-25
2. NAME OF OPERATOR: MAR/REG OIL COMPANY	9. API NUMBER: 43037306900000
3. ADDRESS OF OPERATOR: PO Box 18148 , Reno, NV, 89511	PHONE NUMBER: 755 852-7444 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1950 FNL 0790 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 25 Township: 38.0S Range: 25.0E Meridian: S	9. FIELD and POOL or WILDCAT: TIN CUP MESA  COUNTY: SAN JUAN  STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 4/30/2014	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="Request for Extension"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
 Request an extension to conduct remedial work. Request extension to April 30, 2015. Operator will monitor casing pressure weekly and file pressure report monthly.

Approved by the  
Utah Division of  
Oil, Gas and Mining

**COPY SENT TO OPERATOR**

Date: 11.3.2014  
Initials: KS

Date: 10/31/14  
By: [Signature]

NAME (PLEASE PRINT) Tariq Ahmad	PHONE NUMBER 775 852-7444	TITLE Petroleum Engineer
SIGNATURE N/A	DATE 10/29/2014	