

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

FORM 3

AMENDED REPORT

<b>APPLICATION FOR PERMIT TO DRILL</b>		<b>1. WELL NAME and NUMBER</b> DWR 3-33B5
<b>2. TYPE OF WORK</b> DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>		<b>3. FIELD OR WILDCAT</b> ALTAMONT
<b>4. TYPE OF WELL</b> Oil Well      Coalbed Methane Well: NO		<b>5. UNIT or COMMUNITIZATION AGREEMENT NAME</b>
<b>6. NAME OF OPERATOR</b> EP ENERGY E&P COMPANY, L.P.		<b>7. OPERATOR PHONE</b> 713 997-5038
<b>8. ADDRESS OF OPERATOR</b> 1001 Louisiana, Houston, TX, 77002		<b>9. OPERATOR E-MAIL</b> maria.gomez@epenergy.com
<b>10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) FEE</b>	<b>11. MINERAL OWNERSHIP</b> FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>	<b>12. SURFACE OWNERSHIP</b> FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
<b>13. NAME OF SURFACE OWNER (if box 12 = 'fee')</b>		<b>14. SURFACE OWNER PHONE (if box 12 = 'fee')</b>
<b>15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')</b>		<b>16. SURFACE OWNER E-MAIL (if box 12 = 'fee')</b>
<b>17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')</b>	<b>18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS</b> YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>	<b>19. SLANT</b> VERTICAL <input checked="" type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/>

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	665 FNL 831 FWL	NWNW	33	2.0 S	5.0 W	U
Top of Uppermost Producing Zone	665 FNL 831 FWL	NWNW	33	2.0 S	5.0 W	U
At Total Depth	665 FNL 831 FWL	NWNW	33	2.0 S	5.0 W	U

<b>21. COUNTY</b> DUCHESNE	<b>22. DISTANCE TO NEAREST LEASE LINE (Feet)</b> 665	<b>23. NUMBER OF ACRES IN DRILLING UNIT</b> 640
<b>27. ELEVATION - GROUND LEVEL</b> 6106	<b>25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completion)</b> 2000	<b>26. PROPOSED DEPTH</b> MD: 13200    TVD: 13200
	<b>28. BOND NUMBER</b> 400JU0708	<b>29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE</b> Duchesne City

Hole, Casing, and Cement Information										
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
Cond	17.5	13.375	0 - 300	54.5	J-55 ST&C	8.6	Class G	1000	1.15	15.8
Surf	12.25	9.625	0 - 4000	40.0	N-80 LT&C	9.5	Type V	470	3.18	11.0
							Class G	375	1.3	14.3
I1	8.75	7	0 - 9600	29.0	HCP-110 LT&C	10.2	Class G	345	1.91	12.5
							Class G	217	1.64	13.0
L1	6.125	5	9400 - 13200	18.0	HCP-110 LT&C	12.8	Class G	225	1.47	14.2

**ATTACHMENTS**

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES

<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input checked="" type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)	<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
<input type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)	<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP

<b>NAME</b> Maria S. Gomez	<b>TITLE</b> Principal Regulatory Analyst	<b>PHONE</b> 713 997-5038
<b>SIGNATURE</b>	<b>DATE</b> 08/10/2014	<b>EMAIL</b> maria.gomez@epenergy.com
<b>API NUMBER ASSIGNED</b> 43013530980000		<b>APPROVAL</b>

**Received: August 13, 2014**

**DWR 3-33B5  
Sec. 33, T2S, R5W  
DUCHESNE COUNTY, UT**

**EP ENERGY E&P COMPANY, L.P.**

**DRILLING PROGRAM**

**1. Estimated Tops of Important Geologic Markers**

<u>Formation</u>	<u>Depth</u>
Green River (GRRV)	4,816' TVD
Green River (GRTN1)	5,666' TVD
Mahogany Bench	6,656' TVD
L. Green River	7,966' TVD
Wasatch	9,506' TVD
T.D. (Permit)	13,200' TVD

**2. Estimated Depths of Anticipated Water, Oil, Gas or Mineral Formations:**

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
	Green River (GRRV)	4,816' MD/TVD
	Green River (GRTN1)	5,666' MD/TVD
	Mahogany Bench	6,656' MD/TVD
Oil	L. Green River	7,966' MD/TVD
Oil	Wasatch	9,506' MD/TVD

**3. Pressure Control Equipment: (Schematic Attached)**

A 4.5" by 20.0" rotating head on structural pipe from surface to 800' MD/TVD. A 4.5" by 13-3/8" Diverter Stack w/ rotating head from 800' MD/TVD to 4,000' MD/TVD on Conductor. A 10M BOP stack w/ rotating head, spacer spool, 5M annular, flex rams, blind rams & single w/ flex rams from 4,000' MD/TVD to 9,600' MD/TVD. A 10M BOP stack w/ rotating head, spacer spool, 5M annular, flex rams, blind rams & single w/ flex rams from 9,600' MD/TVD to TD (13,200' MD/TVD).

The BOPE and related equipment will meet the requirements of the 5M and 10M system.

**OPERATORS MINIMUM SPECIFICATIONS FOR BOPE:**

The surface casing will be equipped with a flanged casing head of 5M psi working pressure. An 11" 5M x 11" 10M spool, 11" x 10M psi BOP and 5M psi annular will be nipped up on the surface casing and tested to 250 psi low test / 3,000 psi high test for 10 minutes each prior to drilling out. The surface casing

will be tested to 1,000 psi. for 30 mins. Intermediate casing will be tested to the greater of 1,500 psi or 0.22 psi/ft. The choke manifold equipment, upper Kelly cock and floor safety valves will be tested to 5M psi. The annular preventer will be tested to 250 psi low test / 4,000 psi high test. The 10M BOP will be installed with rotating head, spacer spool, 5M annular, flex rams, blind rams & single w/ flex rams from surface shoe to TD. The BOPE will be hydraulically operated.

In addition, the BOP equipment will be tested after running intermediate casing, after any repairs to the equipment and at least once every 30 days. Pipe and blind rams will be activated on each trip, annular preventer will be activated weekly and weekly BOP drills will be held with each crew.

**Statement on Accumulator System and Location of Hydraulic Controls:**

Precision Rig # 406 is expected to be used to drill the proposed well. Operations will commence after approval of this application. Manual and/or hydraulic controls will be in compliance with 5M and 10M psi systems.

**Auxiliary Equipment:**

- A) Pason Gas Monitoring 800' - TD
- B) Mud logger with gas monitor – 4,000' to TD
- C) Choke manifold with one manual and one hydraulic operated choke
- D) Full opening floor valve with drill pipe thread
- E) Upper and lower Kelly cock
- F) Shaker, de-sander and centrifuge

**4. Proposed Casing & Cementing Program:**

Please refer to the attached Wellbore Diagram.

All casing will meet or exceed the following design safety factors:

- Burst = 1.00
- Collapse = 1.125
- Tension = 1.2 (including 100k# overpull)

Cement design calculations for intermediate and production hole will be based on minimum 10% excess over gauge hole volumes. Actual volumes pumped will be a minimum of 10% excess over caliper volume to designed tops of cement for any section logged. A minimum of 50% excess over gauge volume will be pumped on surface casing.

**5. Drilling Fluids Program:**

Proposed Mud Program:

Interval	Type	Mud Weight
Surface	WBM	8.6 – 9.5
Intermediate	WBM	9.5 – 10.2
Production	WBM	10.2 – 12.8

Anticipated mud weights are based on actual offset well bottom-hole pressure data. Mud weights utilized may be somewhat higher to allow for trip margin and to provide hole stability for running logs and casing.

Visual mud monitoring equipment will be utilized.

6. **Evaluation Program:**

Logs:

Mud Log: 4,000' MD/TVD – TD

Open Hole Logs: Gamma Ray, Neutron-Density, Resistivity, Sonic, from surface casing shoe to TD.

7. **Abnormal Conditions:**

Maximum anticipated bottomhole pressure calculated at 13,200' TVD equals approximately 8,786 psi. This is calculated based on a 0.6656 psi/ft gradient (12.8 ppg mud density at TD).

Maximum anticipated surface pressure equals approximately 5,882 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/ft).

Maximum anticipated surface pressure based on frac gradient at 7" casing shoe is 0.8 psi/ft at 9,600' TVD = 7,680 psi

BOPE and casing design will be based on the lesser of the two MASPs which is 5,882 psi.

8. **OPERATOR REQUESTS THAT THE PROPOSED WELL BE PLACED ON CONFIDENTIAL STATUS.**



**DRILLING PROGRAM**

CASING PROGRAM	SIZE	INTERVAL		WT.	GR.	CPLG.	BURST	COLLAPSE	TENSION
CONDUCTOR	13 3/8"	0	800	54.5	J-55	STC	2,740	1,130	514
SURFACE	9-5/8"	0	4000	40.00	N-80	LTC	5,750	3,090	737
INTERMEDIATE	7"	0	9600	29.00	HCP-110	LTC	11,220	9,750	797
PRODUCTION LINER	5'	9400	13200	18.00	HCP-110	STL	13,940	15,450	495

CEMENT PROGRAM		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
CONDUCTOR		800	Class G + 3% CACL2	1000	100%	15.8 ppg	1.15
SURFACE	Lead	3,000	EXTENDACEM SYSTEM: Type V Cement + 5 lbm/sk Silicalite Compacted + 0.25 lbm/sk Kwik Seal + 0.125 lbm/sk Poly-E-Flake + 8% Bentonite + 0.3% D-AIR 5000	470	75%	11.0 ppg	3.18
	Tail	1,000	HALCEM SYSTEM: Class G Cement + 3 lbm/sk Silicalite Compacted + 1% Salt + 0.3% Econolite + 0.25 lbm/sk Poly-E-Flake + 0.25 lbm/sk Kwik Seal + 0.3% D-AIR 5000	375	50%	14.3 ppg	1.50
INTERMEDIATE	Lead	4,000	EXTENDACEM SYSTEM: Class G Cement + 6% Bentonite + 0.2% Econolite + 0.3% Versaset + 0.75% HR-5 + 0.3% Super CBL + 0.2% Halad-322 + 0.125 lb/sk Poly-E-Flake	345	70%	12.5 ppg	1.91
	Tail	2,100	EXPANDACEM SYSTEM: Class G Cement + 4% Bentonite + 0.25 Poly-E-Flake + 0.1% Halad-413 + 5 lb/sk Silicalite Compacted + 0.15% SA-1015 + 0.3% HR-5	217	10%	13.0 ppg	1.64
PRODUCTION LINER		3,000	EXTENDACEM SYSTEM: Class G Cement + 0.2% Super CBL + 0.55% SCR-100 + 0.3% Halad-413 + 0.125 lbm/sk Poly-E-Flake + 3 lbm/sk Silicalite Compacted + 20% SS-200 + 0.10% SA-1015	225	25%	14.20	1.47

FLOAT EQUIPMENT - CENTRALIZERS	
CONDUCTOR	PDC drillable guide shoe, 1 joint, PDC drillable float collar. Thread lock all float equipment. Install bow spring centralizers on the bottom 3 joints of casing.
SURFACE	PDC drillable guide shoe, 1 joint casing, PDC drillable float collar & Stage collar. Thread lock all float equipment. Install bow spring centralizers on the bottom 3 joints of casing & every 3rd joint thereafter.
INTERMEDIATE	PDC drillable 10M, P-110 float shoe, 1 joint, PDC drillable 10M, P-110 float collar. Thread lock all float equipment. Maker joint at 7,900'.
LINER	Float shoe, 1 joint, float collar, 1 joint, landing collar. Thread lock all FE. Maker joints every 1000'.

PROJECT ENGINEER(S): Brad Macafee 713-997-6383MANAGER: Bob Dodd

**EP ENERGY E&P COMPANY, L.P.**  
**DWR 3-33B5**  
**SECTION 33, T2S, R5W, U.S.B.&M.**

PROCEED NORTH ON STATE ROAD 87 FROM THE INTERSECTION OF STATE ROAD 87 WITH US HIGHWAY 40 IN DUCHESNE, UTAH APPROXIMATELY 5.88 MILES TO AN INTERSECTION;

TURN LEFT AND TRAVEL NORTHWESTERLY ON STATE ROAD 35 APPROXIMATELY 3.71 MILES TO AN INTERSECTION;

TURN LEFT AND TRAVEL SOUTHEASTERLY THEN NORTHWESTERLY 1.73 MILES ON A GRAVEL ROAD TO THE BEGINNING OF THE ACCESS ROAD;

TURN LEFT AND FOLLOW ROAD FLAGS SOUTHERLY 0.06 MILES TO THE PROPOSED LOCATION;

TOTAL DISTANCE FROM DUCHESNE, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 11.38 MILES.

**CONFIDENTIAL**  
**Returned Unapproved**

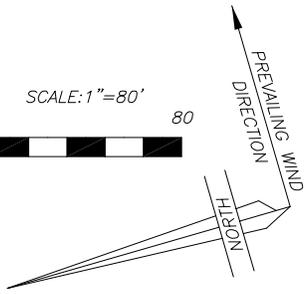
# EP ENERGY E & P COMPANY, L.P.

FIGURE #1

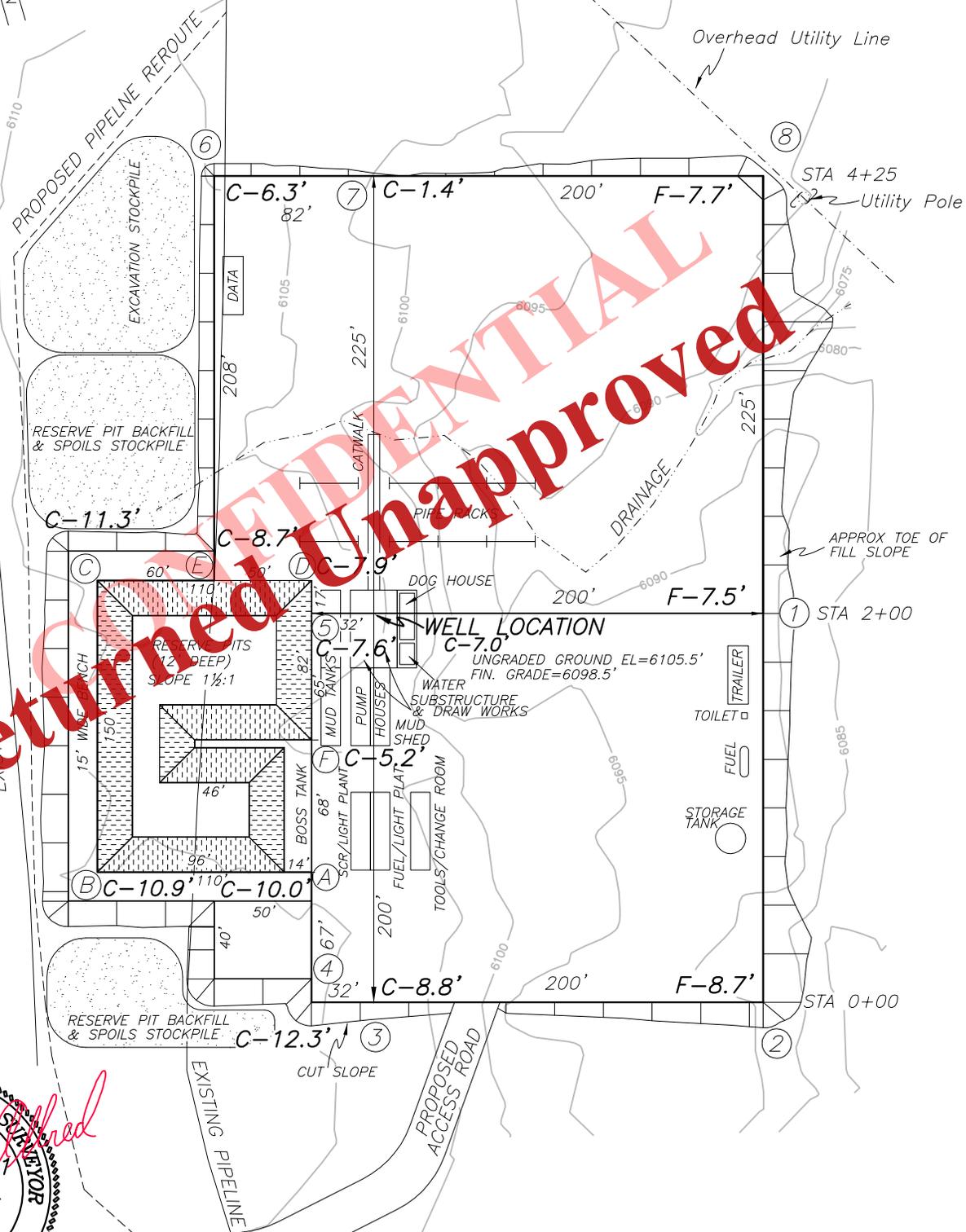
LOCATION LAYOUT FOR  
DWR 3-33B5

SECTION 33, T2S, R5W, U.S.B.&M.  
665' FNL, 831' FWL

SCALE: 1"=80'  
0 80

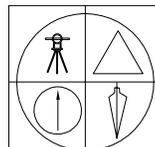


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22 JAN 2013

01-128-361



JERRY D. ALLRED & ASSOCIATES  
SURVEYING CONSULTANTS

1235 NORTH 700 EAST--P.O. BOX 975  
DUCHESNE, UTAH 84021  
(435) 738-5352

Received: August 10, 2014

# EP ENERGY E & P COMPANY, L.P.

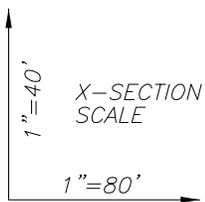
FIGURE #2

LOCATION LAYOUT FOR

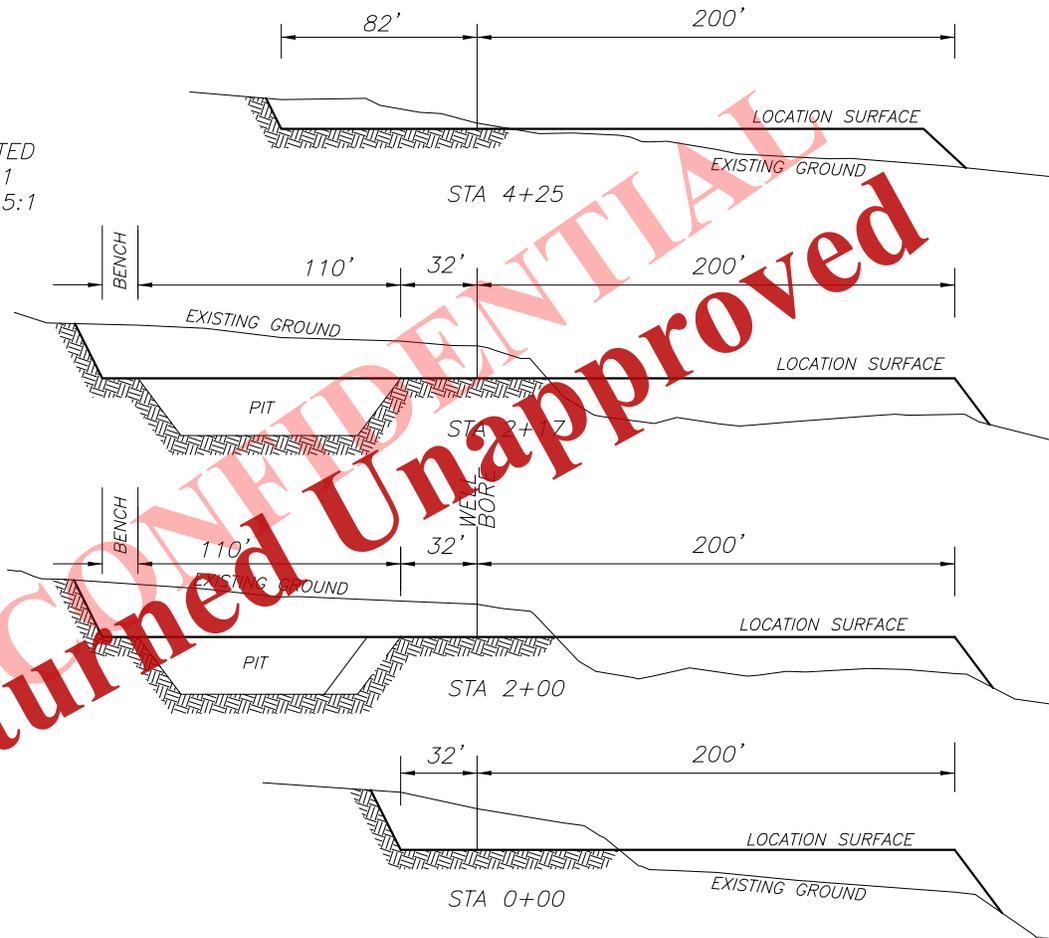
DWR 3-33B5

SECTION 33, T2S, R5W, U.S.B.&M.

665' FNL, 831' FWL



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



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APPROXIMATE YARDAGES

TOTAL CUT (INCLUDING PIT) = 24,870 CU. YDS.

PIT CUT = 4572 CU. YDS.  
TOPSOIL STRIPPING: (6") = 2780 CU. YDS.  
REMAINING LOCATION CUT = 17,518 CU. YDS

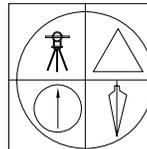
TOTAL FILL = 17,518 CU. YDS.

LOCATION SURFACE GRAVEL=1374 CU. YDS. (4" DEEP)  
ACCESS ROAD GRAVEL=110 CU. YDS.



22 JAN 2013

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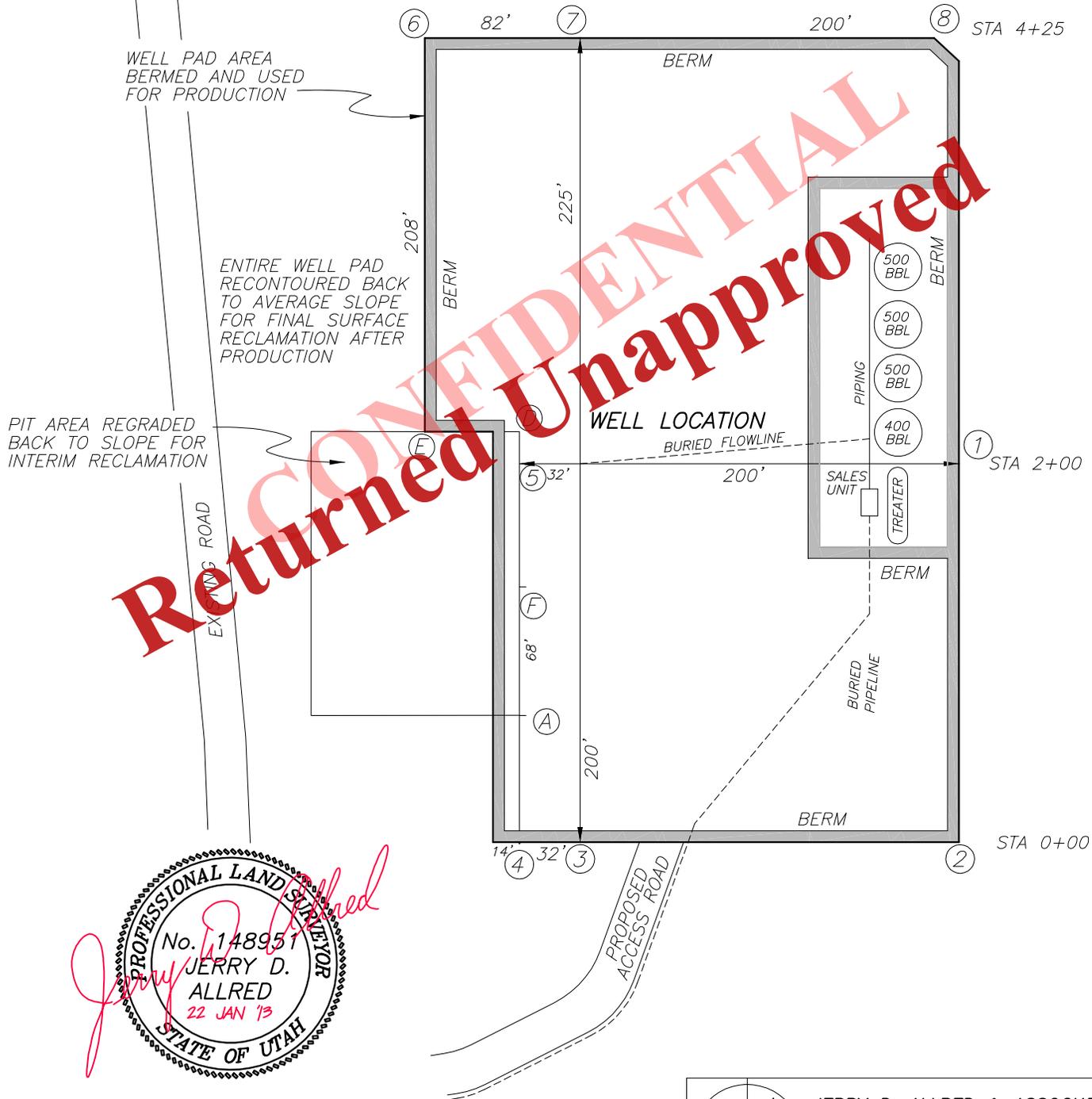
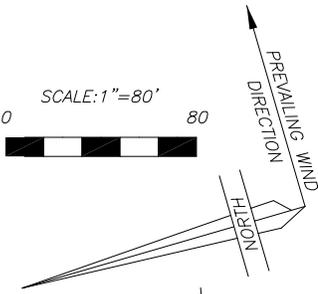
# EP ENERGY E & P COMPANY, L.P.

FIGURE #3

LOCATION LAYOUT FOR  
DWR 3-33B5

SECTION 33, T2S, R5W, U.S.B.&M.  
665' FNL, 831' FWL

SCALE: 1"=80'  
0 80



*Jerry D. Allred*  
PROFESSIONAL LAND SURVEYOR  
No. 148951  
JERRY D. ALLRED  
22 JAN '13  
STATE OF UTAH

	<b>JERRY D. ALLRED &amp; ASSOCIATES</b> SURVEYING CONSULTANTS
	1235 NORTH 700 EAST--P.O. BOX 975 DUCHESNE, UTAH 84021 (435) 738-5352

22 JAN 2013

01-128-361

Received: August 10, 2014

SEC 29 SEC 28

N 89°41'58" E 2639.87'

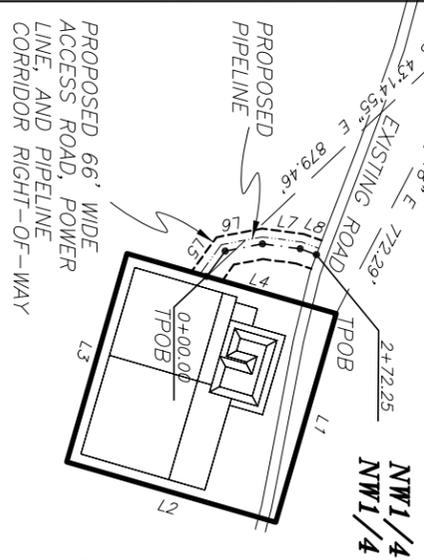
SEC 32 SEC 33

FOUND COUNTY MONUMENT AT SECTION CORNER

DWR PROPERTY

NW1/4 NW1/4

FOUND COUNTY MONUMENT AT QUARTER CORNER



EP ENERGY E & P CO, L.P.  
SURFACE USE AREA  
DWR 3-33B5  
5.18 ACRES

NE1/4 NW1/4

SW1/4 NW1/4

SE1/4 NW1/4

FOUND COUNTY MONUMENT AT QUARTER CORNER

LINE	BEARING	DISTANCE
L1	S 73°52'34" E	475.00'
L2	S 16°07'26" W	475.00'
L3	N 73°52'34" W	475.00'
L4	N 16°07'26" E	475.00'
L5	N 54°02'12" W	68.75'
L6	N 10°46'31" W	82.61'
L7	N 07°21'25" E	82.92'
L8	N 19°55'08" E	37.97'



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LOCATION USE AREA, ACCESS ROAD, PIPELINE, AND POWER LINE  
CORRIDOR RIGHT-OF-WAY SURVEY FOR  
**EP ENERGY E&P COMPANY, L.P.**  
DWR 3-33B5  
NW1/4 NW1/4, SECTION 33, TOWNSHIP 2 SOUTH, RANGE 5 WEST, U.S.B.&M.  
DUCHESSNE COUNTY, UTAH

USE AREA BOUNDARY DESCRIPTION

Commencing at the Northwest Corner of Section 33, Township 2 South, Range 5 West of the Uintah Special Base and Meridian;  
Thence South 62°22'18" East 772.29 feet to the TRUE POINT OF BEGINNING;  
Thence South 73°52'34" East 475.00 feet;  
Thence South 16°07'26" West 475.00 feet;  
Thence North 73°52'34" West 475.00 feet;  
Thence North 16°07'26" East 475.00 feet to the TRUE POINT OF BEGINNING, containing 5.18 acres.

ACCESS ROAD, PIPELINE, AND POWER LINE CORRIDOR RIGHT-OF-WAY DESCRIPTION

A 66 feet wide access road, pipeline, and power line right-of-way over portions of Section 33, Township 2 South, Range 5 West of the Uintah Special Base and Meridian, the centerline of which is further described as follows:  
Commencing at the Northwest Corner of said Section 33;  
Thence South 43°14'55" East 879.46 feet to the TRUE POINT OF BEGINNING;  
Thence North 54°02'12" West 68.75 feet;  
Thence North 10°46'31" West 82.61 feet;  
Thence North 07°21'25" East 82.92 feet;  
Thence North 19°55'08" East 37.97 feet to the South line of the existing road. Said right-of-way being 272.25 feet in length with the sidelines being shortened or elongated to intersect said use area boundary and said South line of said road.

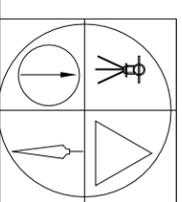
SURVEYOR'S CERTIFICATE

This survey certifies that this plat was prepared from the field notes and electronic data collector files of an actual survey made by me, or under my personal supervision, of the use area and access road, power line, and pipeline corridor, right-of-way shown hereon, and that the monuments indicated were found or set during said survey, and that this plat accurately represents said survey to the best of my knowledge.



Jerry D. Alfred, Professional Land Surveyor,  
Certificate 148951 (Utah)

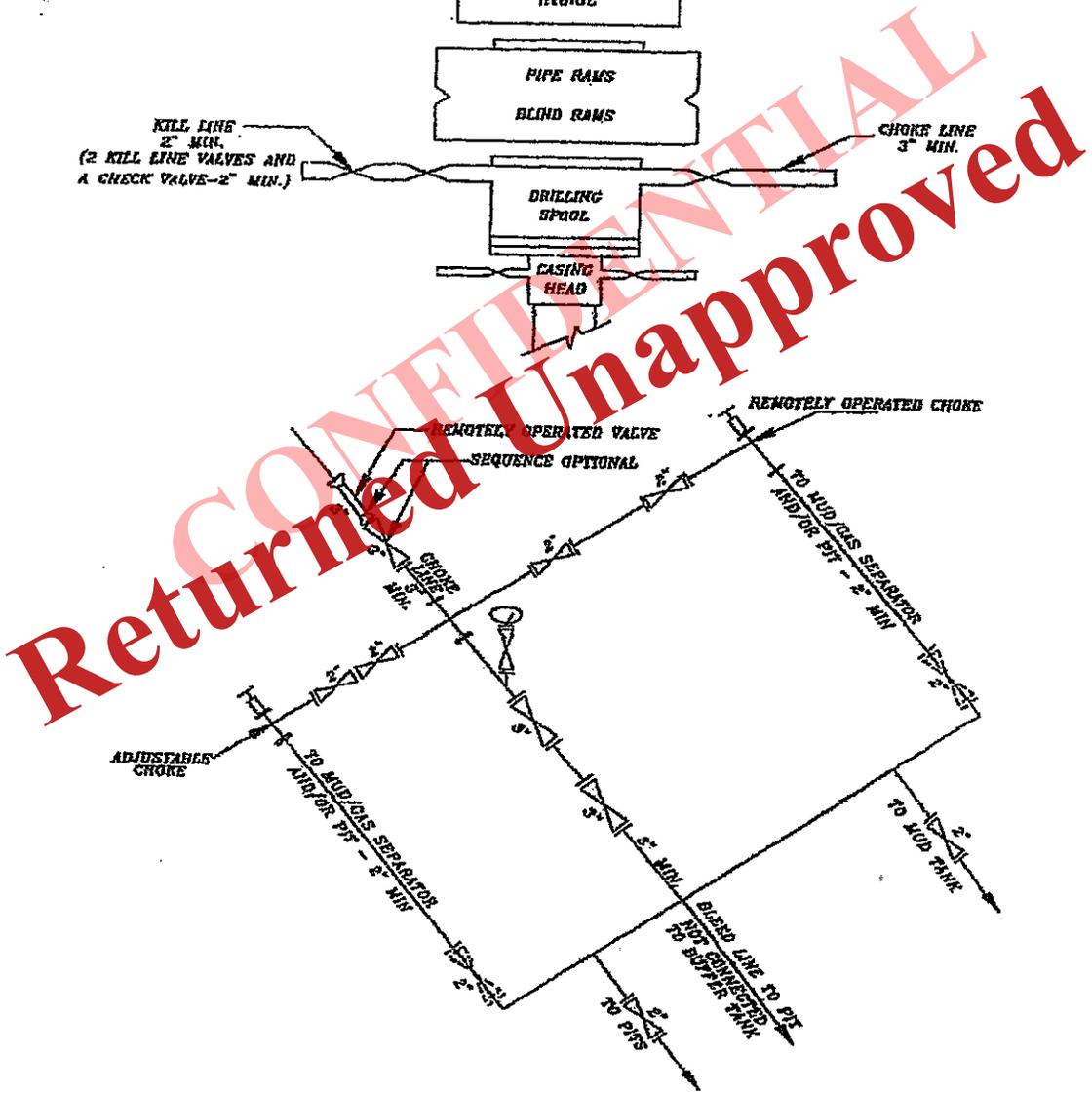
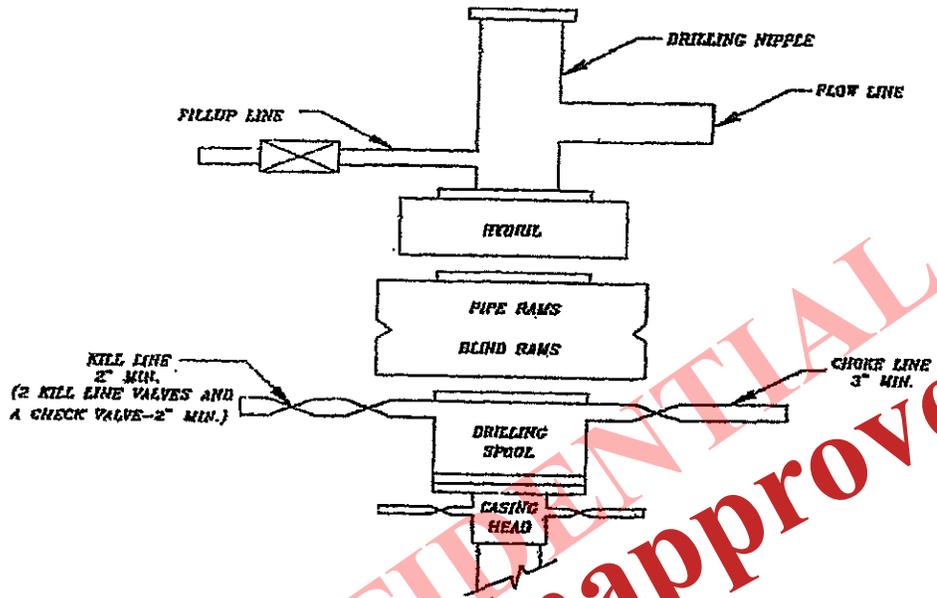
THIS SURVEY WAS PERFORMED USING GLOBAL POSITIONING SYSTEM PROCEDURES AND EQUIPMENT FROM G.P.S. OBSERVATIONS AT A CONTROL POINT LOCATED AT LAT. 40°13'50.43923"N AND LONG. 110°29'48.25715"W USING THE UTAH STATE G.P.S. VIRTUAL REFERENCE STATION CONTROL NETWORK MAINTAINED AND OPERATED BY THE AUTOMATED GEOGRAPHIC REFERENCE CENTER



JERRY D. ALFRED AND ASSOCIATES  
SURVEYING CONSULTANTS  
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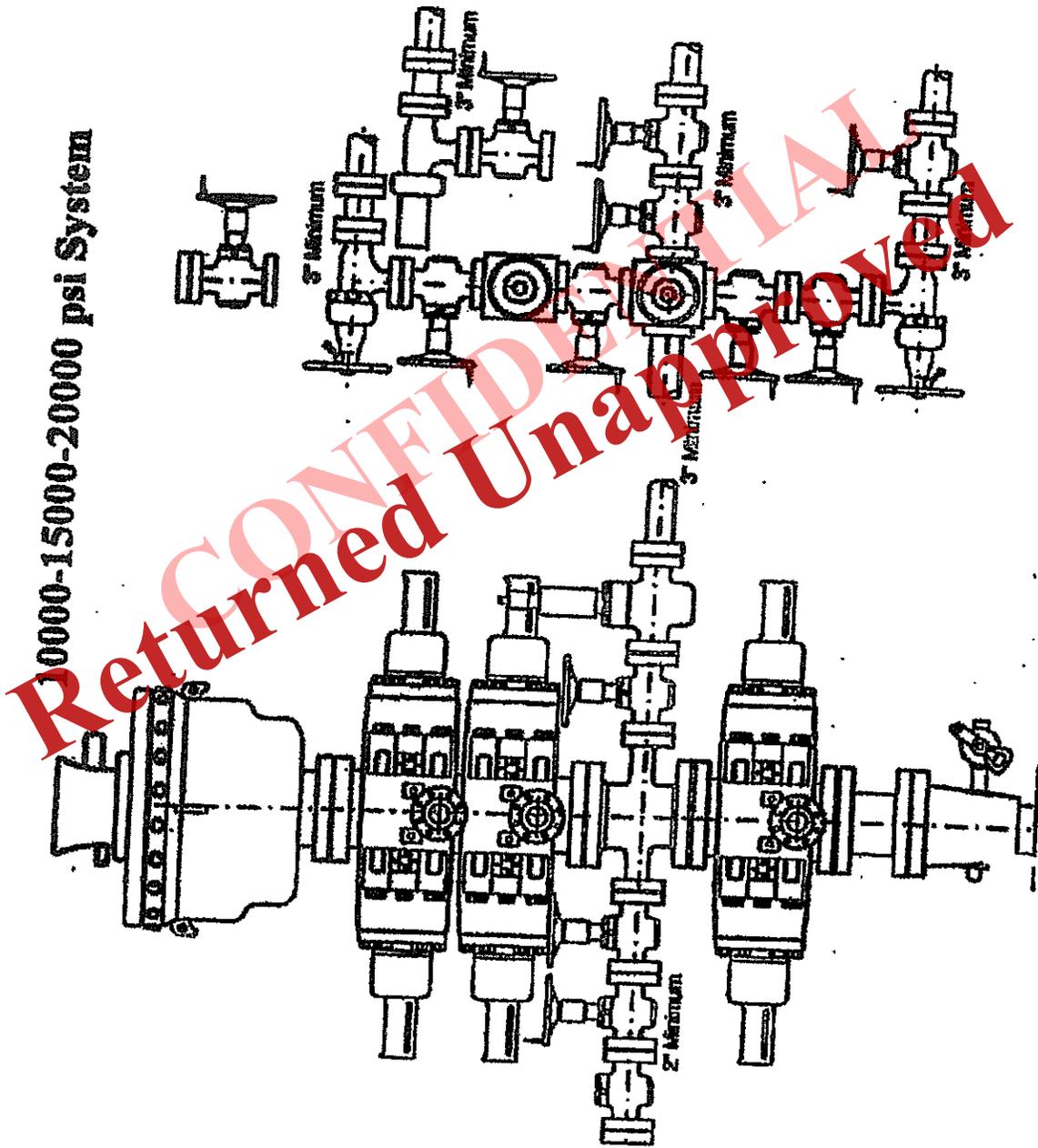
22 JAN 2013 01-128-361

# 5M BOP STACK and CHOKE MANIFOLD SYSTEM



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10000-15000-20000 psi System

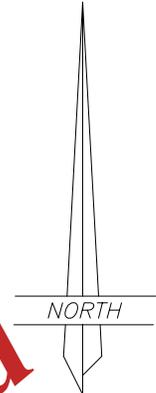
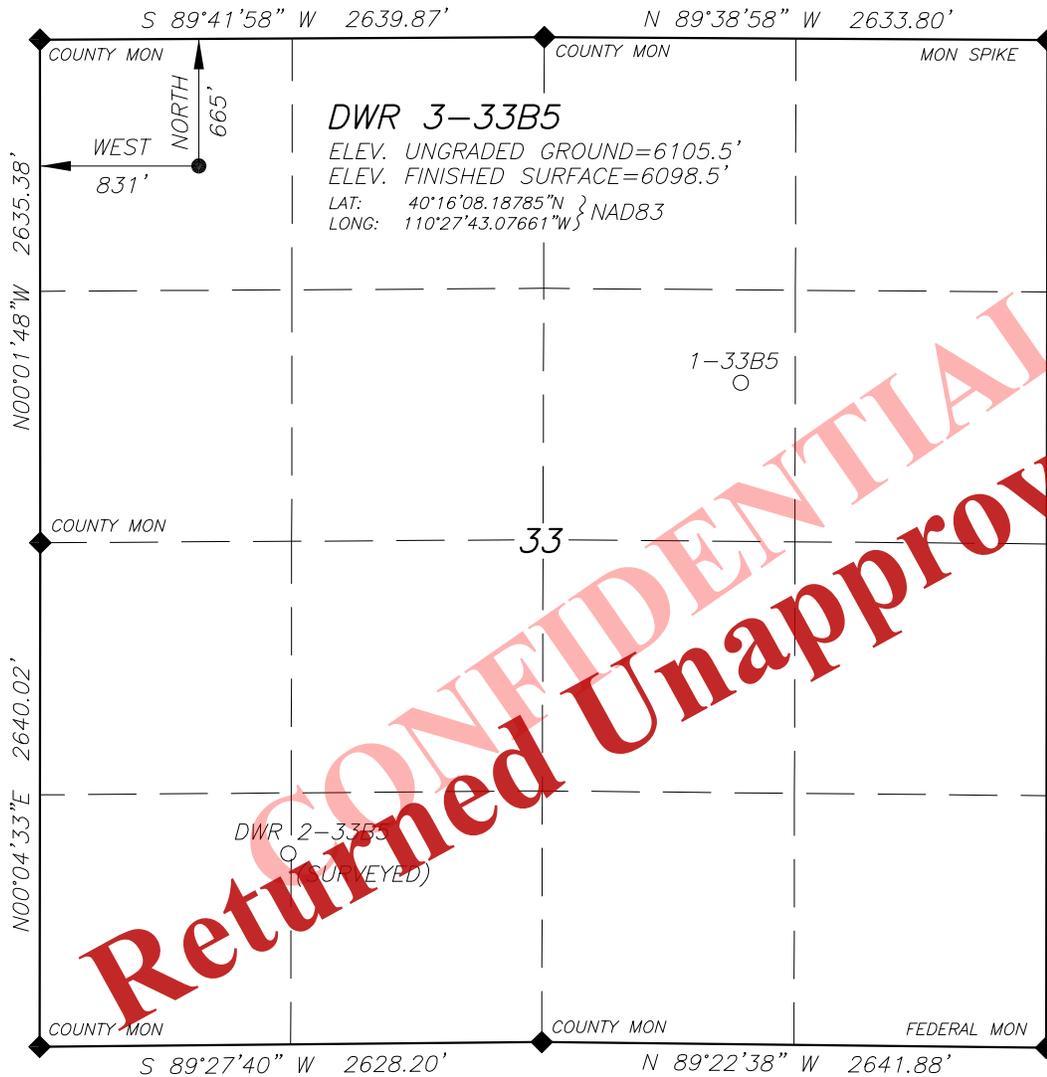


# EP ENERGY E & P COMPANY, L.P.

WELL LOCATION

DWR 3-33B5

LOCATED IN THE NW¼ OF THE NW¼ OF SECTION 33, T2S, R5W, U.S.B.&M. DUCHESNE COUNTY, UTAH



SCALE: 1" = 1000'



NOTE:  
NAD27 VALUES FOR  
WELL POSITION:  
LAT: 40.26898629° N  
LONG: 110.46125328° W

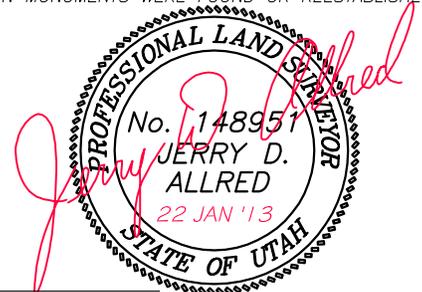
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### SURVEYOR'S CERTIFICATE

#### LEGEND AND NOTES

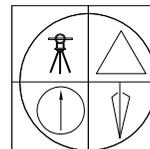
- ◆ CORNER MONUMENTS FOUND AND USED BY THIS SURVEY  
THE GENERAL LAND OFFICE (G.L.O.) PLAT WAS USED FOR REFERENCE AND CALCULATIONS AS WAS THE U.S.G.S. MAP  
THIS SURVEY WAS PERFORMED USING GLOBAL POSITIONING SYSTEM PROCEDURES AND EQUIPMENT  
THE BASIS OF BEARINGS IS GEODETIC NORTH DERIVED FROM G.P.S. OBSERVATIONS AT A CONTROL POINT LOCATED AT LAT. 40°13'50.43923"N AND LONG. 110°29'48.25715"W USING THE UTAH STATE G.P.S. VIRTUAL REFERENCE STATION CONTROL NETWORK MAINTAINED AND OPERATED BY THE AUTOMATED GEOGRAPHIC REFERENCE CENTER

I HEREBY CERTIFY THAT THIS PLAT WAS PREPARED FROM THE FIELD NOTES AND ELECTRONIC DATA COLLECTOR FILES OF AN ACTUAL SURVEY PERFORMED BY ME, OR UNDER MY PERSONAL SUPERVISION, DURING WHICH THE SHOWN MONUMENTS WERE FOUND OR REESTABLISHED.



JERRY D. ALLRED, REGISTERED LAND SURVEYOR, CERTIFICATE NO. 148951 (UTAH)

BASIS OF ELEVATIONS: NAVD 88 DATUM USING THE UTAH REFERENCE NETWORK CONTROL SYSTEM

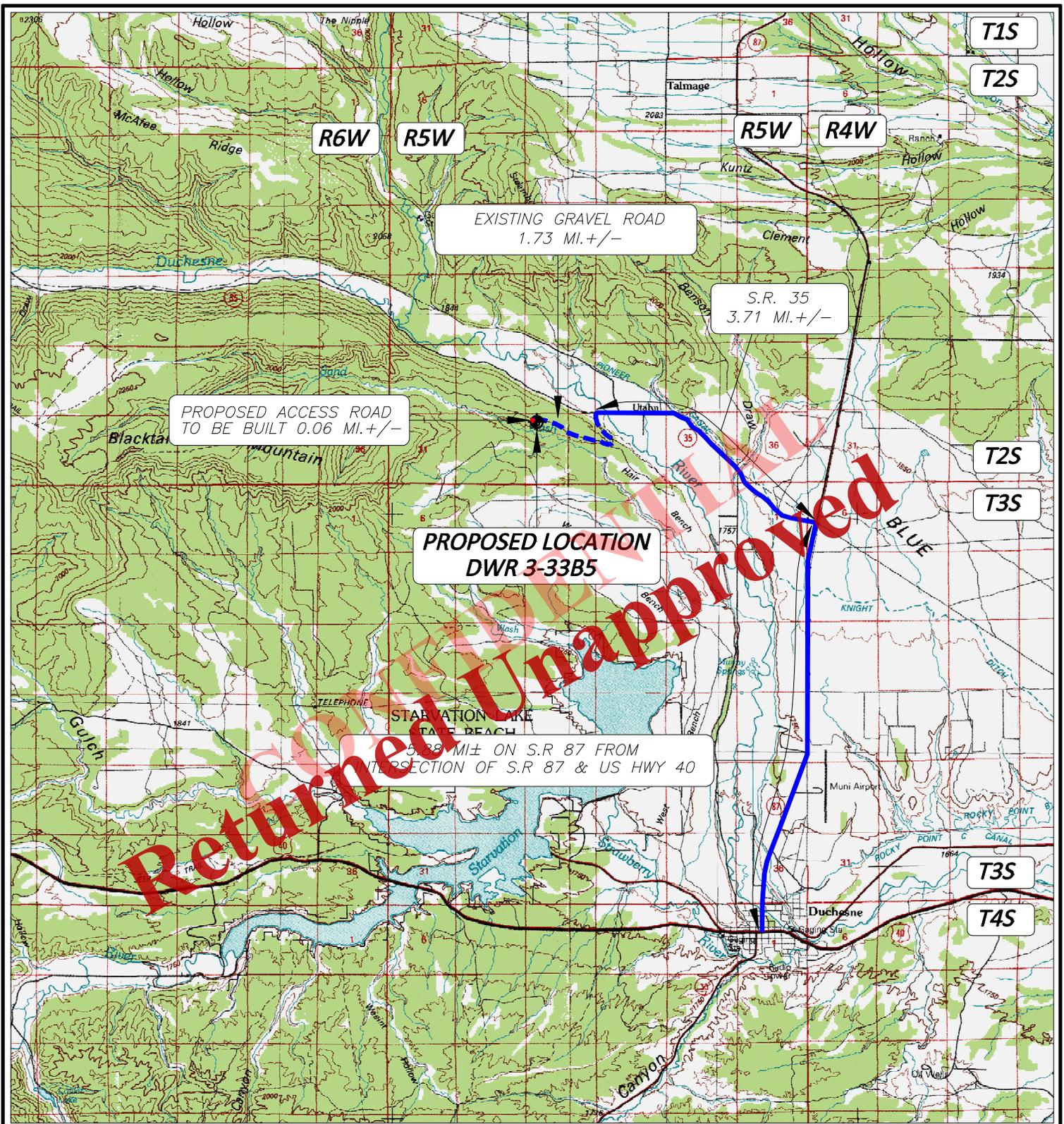


JERRY D. ALLRED & ASSOCIATES  
SURVEYING CONSULTANTS

1235 NORTH 700 EAST--P.O. BOX 975  
DUCHESNE, UTAH 84021  
(435) 738-5352

22 JAN 2013 01-128-361

Received: August 10, 2014



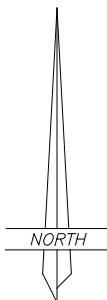
**LEGEND:**

◆ PROPOSED WELL LOCATION

01-128-361

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**EP ENERGY E & P COMPANY, L.P.**

DWR 3-33B5

SECTION 33, T2S, R5W, U.S.B.&M.

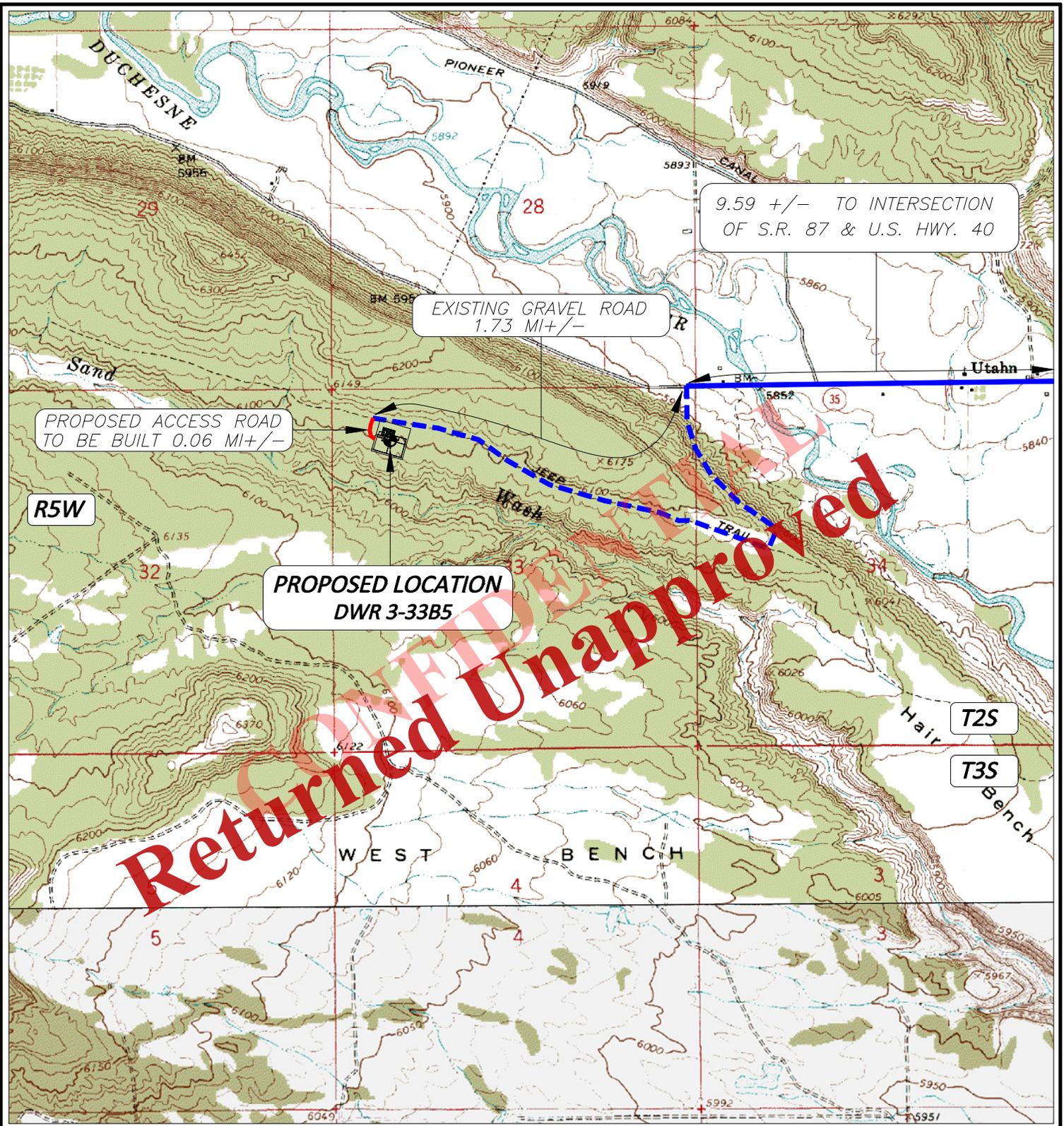
665' FNL, 831' FWL

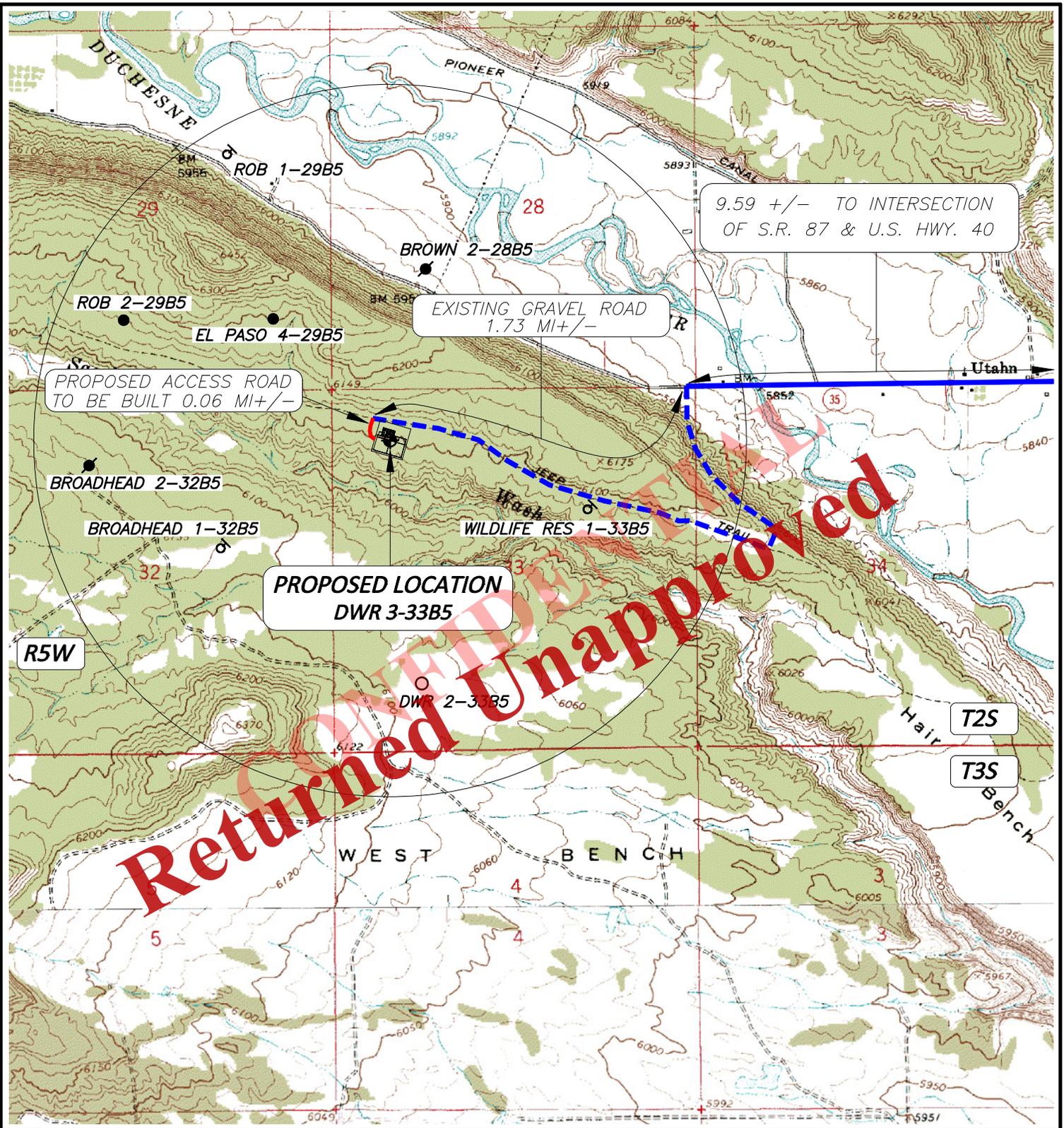
**TOPOGRAPHIC MAP "A"**

SCALE; 1"=10,000'

22 JAN 2013

**Received: August 10, 2014**



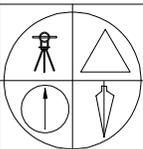


**LEGEND:**

⊕ PROPOSED WELL LOCATION

● ○ + ⊕ ○ ×

01-128-361



**JERRY D. ALLRED & ASSOCIATES**  
SURVEYING CONSULTANTS

1235 NORTH 700 EAST--P.O. BOX 975  
DUCHEсне, UTAH 84021  
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**EP ENERGY E & P COMPANY, L.P.**

DWR 3-33B5

SECTION 33, T2S, R5W, U.S.B.&M.

665' FNL, 831' FWL

**TOPOGRAPHIC MAP "C"**

SCALE; 1"=2000'

22 JAN 2013

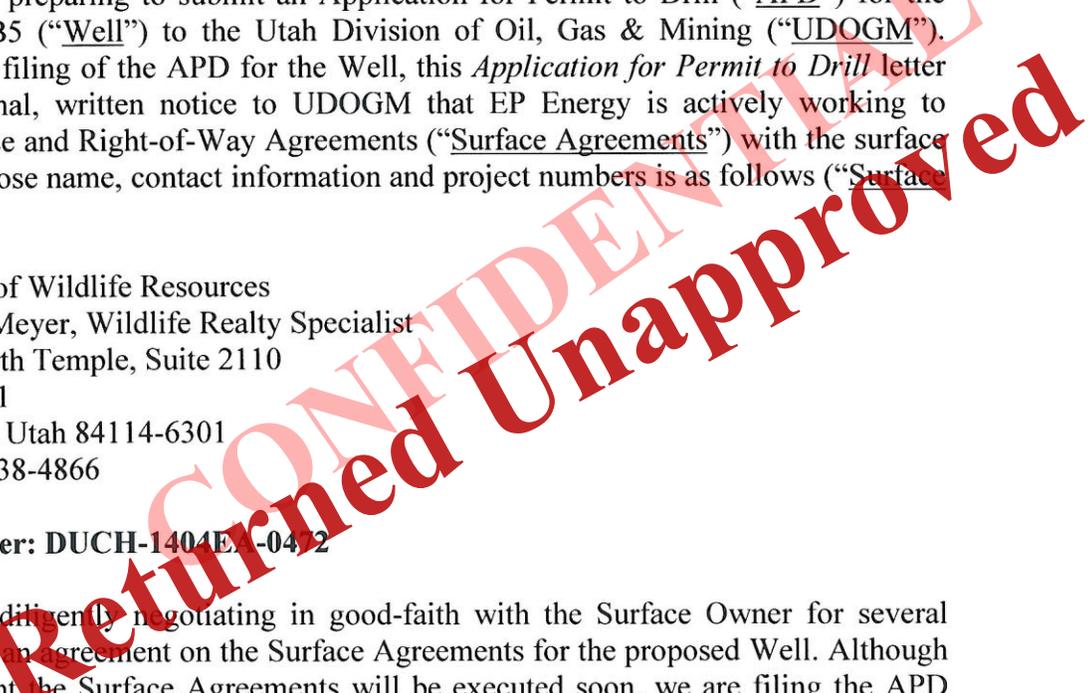
**Received: August 10, 2014**

June 5, 2014

State of Utah Division of Oil, Gas and Mining  
Attn: Mr. Brad Hill  
1594 West North Temple, Suite 1210  
Salt Lake City, Utah 84114-5801

RE: Application for Permit to Drill  
DWR 3-33B5  
SHL/BHL: 665' FNL & 831' FWL  
NW¼NW¼ of Section 33, Township 2 South, Range 5 West  
Duchesne County, Utah

Dear Mr. Hill:

In accordance with the rules and regulations of the State of Utah, EP Energy E&P Company, L.P. ("EP Energy") is preparing to submit an Application for Permit to Drill ("APD") for the proposed DWR 3-33B5 ("Well") to the Utah Division of Oil, Gas & Mining ("UDOGM"). Concurrently with the filing of the APD for the Well, this *Application for Permit to Drill* letter hereby serves as formal, written notice to UDOGM that EP Energy is actively working to finalize the Surface Use and Right-of-Way Agreements ("Surface Agreements") with the surface owner of the Well, whose name, contact information and project numbers is as follows ("Surface Owner"): 

Utah Division of Wildlife Resources  
Attn: Theresa Meyer, Wildlife Realty Specialist  
1594 West North Temple, Suite 2110  
PO Box 146301  
Salt Lake City, Utah 84114-6301  
Phone: (801) 538-4866

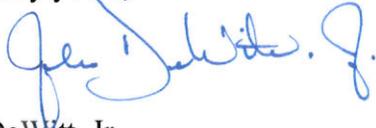
**Project Number: DUCH-1404EX-042**

EP Energy has been diligently negotiating in good-faith with the Surface Owner for several months and is nearing an agreement on the Surface Agreements for the proposed Well. Although EP Energy is confident the Surface Agreements will be executed soon, we are filing the APD without the executed Surface Agreements due to the demands of our drilling schedule. This will allow UDOGM to begin the permitting process as EP Energy finalizes the Surface Agreements. The Affidavit of Surface Agreements ("Affidavit") will be forwarded directly to your office as soon as the Surface Agreements are executed.

UDOGM's effort to begin processing the APD without the executed Surface Agreements is greatly appreciated. EP Energy fully understands the APD will not be approved until we submit the Affidavit or otherwise comply with the Surface Owner Protection Act Provision R649-3-38.

If you have any further questions, please feel free to contact me at your convenience using the phone number and/or email address below.

Very truly yours,

A handwritten signature in blue ink, appearing to read "John DeWitt, Jr.", written in a cursive style.

John DeWitt, Jr.

EP Energy E&P Company, L.P.  
Sr. Landman  
1001 Louisiana Street, Suite 2523D  
Houston, Texas 77002  
Office: (713) 997-2620  
[John.DeWitt@EPEnergy.com](mailto:John.DeWitt@EPEnergy.com)

**CONFIDENTIAL**  
**Returned Unapproved**

EP Energy E&P Company, L.P.

**Related Surface Information**

**1. Current Surface Use:**

- Livestock Grazing and Oil and Gas Production.

**2. Proposed Surface Disturbance:**

- The road will be crown and ditch. Water wings will be constructed on the access road as needed.
- The topsoil will be windrowed and re-spread in the borrow area.
- New road to be constructed will be approximately .06 miles in length and 66 feet wide.
- All equipment and vehicles will be confined to the access road, pad and area specified in the APD.

**3. Location Of Existing Wells:**

- Existing oil, gas wells within one (1) mile radius of proposed well are provided in EXHIBIT C.

**4. Location And Type Of Drilling Water Supply:**

- Drilling water: Duchesne City Water

**5. Existing/Proposed Facilities For Productive Well:**

- There are no existing facilities that will be utilized for this well.
- A pipeline corridor .06 miles will parallel the proposed access road. The corridor will contain one 4 inch gas line and one 2 inch gas line and one 2 inch Salt Water disposal line. Rehabilitation of unneeded, previously disturbed areas will consist of backfilling and contouring the reserve pit area; backsloping and contouring all cut and fill slopes. These areas will be reseeded. Refer to plans for reclamation of surface for details.
- Upgrade and maintain access roads and drainage control structures (e.g., culverts, drainage dips, ditching, etc.) as necessary to prevent soil erosion and accommodate safe, year-round traffic.

**6. Construction Materials:**

- Native soil from road and location will be used for construction materials along with gravel and/or scoria road base material. In the event that conditions should necessitate graveling of all or part of the access road and location, surfacing materials will be purchased from commercial suppliers in the marketing area.

**7. Methods For Handling Waste Disposal:**

- The reserve pit will be designed to prevent the collection of surface runoff and will be constructed with a minimum of 1/2 the total depth below the original ground surface on the lowest point with the pit. The pit will be lined with a 20-mil polyethylene to prevent leakage of fluids. The liner will be rolled into place and secured at the ends, i.e. buried on top of the pit berms. Prior to use, the reserve pit will be fenced on three sides; the fourth side will be fenced at the time the rig is removed. Drilling fluids, cuttings and produced water will be contained in the reserve pit (trash will be placed in the trash cage). Fluids in the reserve pit will be allowed to evaporate prior to pit burial.
- Garbage and other trash will be contained in the portable trash cage and hauled off the location to an authorized disposal site. Any trash on the pad will be cleaned up prior to the rig moving off location and hauled to an authorized disposal site.
- Sewage will be handled in Portable Toilets.
- Produced water will be placed in the reserve pit for a period not to exceed ninety days after initial production. Any hydrocarbons produced during completion work will be contained in test tanks and removed from the location at a later date.
- Water from the reserve pit may be used for drilling of additional wells. The water will be trucked along access roads as approved in pertinent APD's

**8. Ancillary Facilities:**

- There will be no ancillary facilities associated with this project.

9. **Surface Reclamation Plans:**

Backfilling of the pits will be done when dry. In the event of a dry hole, the location will be re-contoured, the topsoil will be distributed evenly over the entire location, and the seedbed prepared.

- Seed will be planted after September 15<sup>th</sup>, and prior to ground frost, or seed will be planted after the frost has left and before May 15<sup>th</sup>. Slopes to steep for machinery will be hand broadcast and raked with twice the specified amount of seed.
  1. The construction program and design are on the attached cut, fill and cross sectional diagrams.
  2. Prior to construction, all topsoil will be removed from the entire site and stockpiled. Topsoil for this site is the first 6 inches of soil materials.
  3. After the location has been reshaped and after redistributing the topsoil, the operator will rip and scarify the drilling platform and access road on the contour, to a depth of at least 12 inches.
- Rehabilitation will begin upon the completion of the drilling. Complete rehabilitation will depend on weather conditions and the amount of time required to dry the reserve pit.
  1. All rehabilitation work including seeding will be completed as soon as weather and the reserve pit conditions are appropriate.
  2. Landowner will be contacted for rehabilitation requirements.

10. **Surface Ownership:**

Utah Division of Wildlife Resources  
Attn: Theresa Meyer, Wildlife Realty Specialist  
1594 West North Temple, Suite 2110  
PO Box 146301  
Salt Lake City, Utah 84114-6301  
801-538-4866

**Other Information:**

- The surface soil consists of clay, and silt.
- Flora – vegetation consists of the following: Sagebrush, Juniper and prairie grasses.
- Fauna – antelope, deer, coyotes, raptors, small mammals, and domestic grazing animals.
- Current surface uses – Livestock grazing and mineral exploration and production.

• **Operator and Contact Persons:**

**Construction and Reclamation:**

EP Energy E&P Company, L.P.  
Wayne Garner  
PO Box 410  
Altamont, Utah 84001  
435-454-3394 – Office  
435-823-1490 – Cell

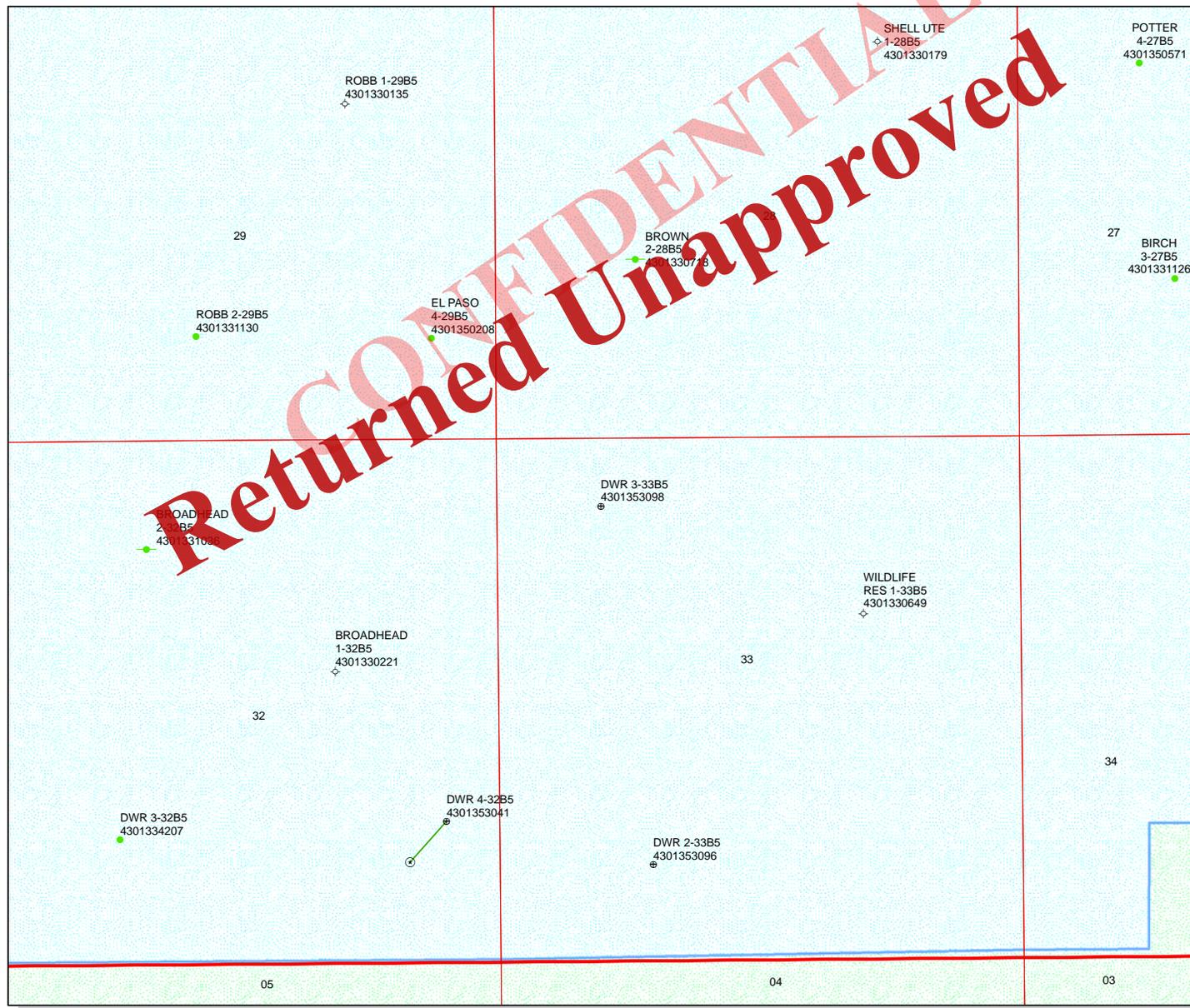
**Regarding This APD**

EP Energy E&P Company, L.P.  
Maria S. Gomez  
1001 Louisiana, Rm 2730D  
Houston, Texas 77002  
713-997-5038 – Office

**Drilling**

EP Energy E&P Company, L.P.  
Brad MacAfee – Drilling Engineer  
1001 Louisiana, Rm 2660D  
Houston, Texas 77002  
713-997-6383 – office  
281-813-0902 – Cell

CONFIDENTIAL  
Returned Unapproved



**API Number: 4301353098**

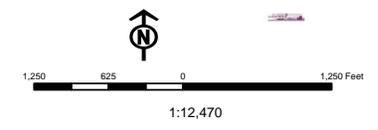
**Well Name: DWR 3-33B5**

Township: T02.0S Range: R05.0W Section: 33 Meridian: U

Operator: EP ENERGY E&P COMPANY, L.P.

Map Prepared: 8/13/2014  
Map Produced by Diana Mason

Wells Query		Units	
Status		STATUS	
◆	APD - Approved Permit	▨	ACTIVE
○	DRL - Spudded (Drilling Commenced)	▨	EXPLORATORY
↗	GIW - Gas Injection	▨	GAS STORAGE
★	GS - Gas Storage	▨	NF PP OIL
⊕	LOC - New Location	▨	PI OIL
⊖	OPS - Operation Suspended	▨	PP GAS
⊗	PA - Plugged Abandoned	▨	PP GEOTHERML
⊙	PGW - Producing Gas Well	▨	PP OIL
⊚	POW - Producing Oil Well	▨	SECONDARY
⊛	SGW - Shut-in Gas Well	▨	TERMINATED
⊜	SOW - Shut-in Oil Well		
⊝	TA - Temp. Abandoned		
○	TW - Test Well		
○	WDW - Water Disposal		
○	WW - Water Injection Well		
●	WSW - Water Supply Well		
Fields	STATUS		
▨	Unknown		
▨	ABANDONED		
▨	ACTIVE		
▨	COMBINED		
▨	INACTIVE		
▨	STORAGE		
▨	TERMINATED		





GARY R. HERBERT  
*Governor*

SPENCER J. COX  
*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*

November 02, 2015

EP ENERGY E&P COMPANY, L.P.  
1001 Louisiana  
Houston, TX 77002

Re: Application for Permit to Drill - DUCHESNE County, Utah

Ladies and Gentlemen:

The Application for Permit to Drill (APD) for the DWR 3-33B5 well, API 43013530980000 that was submitted August 10, 2014 is being returned unapproved. If you plan on drilling this well in the future, you must first submit a new application.

Should you have any questions regarding this matter, please call me at (801) 538-5312.

Sincerely,

Diana Mason  
Environmental Scientist

Enclosure

cc: Bureau of Land Management, Vernal, Utah



