

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

FORM 3

AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL		1. WELL NAME and NUMBER DWR 2-33B5
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>		3. FIELD OR WILDCAT ALTAMONT
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO		5. UNIT or COMMUNITIZATION AGREEMENT NAME
6. NAME OF OPERATOR EP ENERGY E&P COMPANY, L.P.		7. OPERATOR PHONE 713 997-5038
8. ADDRESS OF OPERATOR 1001 Louisiana, Houston, TX, 77002		9. OPERATOR E-MAIL maria.gomez@epenergy.com
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) FEE	11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>	12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
13. NAME OF SURFACE OWNER (if box 12 = 'fee')		14. SURFACE OWNER PHONE (if box 12 = 'fee')
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')		16. SURFACE OWNER E-MAIL (if box 12 = 'fee')
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')	18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>	19. SLANT 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	1000 FSL 1300 FWL	SWSW	33	2.0 S	5.0 W	U
Top of Uppermost Producing Zone	1000 FSL 1300 FWL	SWSW	33	2.0 S	5.0 W	U
At Total Depth	1000 FSL 1300 FWL	SWSW	33	2.0 S	5.0 W	U

21. COUNTY DUCHESNE	22. DISTANCE TO NEAREST LEASE LINE (Feet) 1000	23. NUMBER OF ACRES IN DRILLING UNIT 640
25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completion) 3000	26. PROPOSED DEPTH MD: 12700 TVD: 12700	
27. ELEVATION - GROUND LEVEL 6095	28. BOND NUMBER 400JU0708	29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 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 - 9000	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 - 9400	29.0	HCP-110 LT&C	10.2	Class G	327	1.91	12.5
							Class G	217	1.64	13.0
L1	6.125	5	9200 - 12700	18.0	HCP-110 LT&C	12.8	Class G	208	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

NAME Maria S. Gomez	TITLE Principal Regulatory Analyst	PHONE 713 997-5038
SIGNATURE	DATE 07/21/2014	EMAIL maria.gomez@epenergy.com
API NUMBER ASSIGNED 4301353096000		APPROVAL

Received: August 13, 2014

**DWR 2-33B5
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)	4,512' TVD
Green River (GRTN1)	5,532' TVD
Mahogany Bench	6,482' TVD
L. Green River	7,762' TVD
Wasatch	9,332' TVD
T.D. (Permit)	12,700' TVD

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

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
	Green River (GRRV)	4,512' MD/TVD
	Green River (GRTN1)	5,532' MD/TVD
	Mahogany Bench	6,482' MD/TVD
Oil	L. Green River	7,762' MD/TVD
Oil	Wasatch	9,332' 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 9,400' MD/TVD. A 10M BOP stack w/ rotating head, spacer spool, 5M annular, flex rams, blind rams & single w/ flex rams from 9,400' MD/TVD to TD (12,700' 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	10.5 – 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 12,700' TVD equals approximately 8,453 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 5,659 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 9,400' TVD = 7,520 psi

BOPE and casing design will be based on the lesser of the two MASPs which is 5,659 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 9400	29.00	HCP-110	LTC	11,220	9,750	797
PRODUCTION LINER	5'	9200 12700	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 3,800	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 lbm/sk Poly-E-Flake	325	10%	12.5 ppg	1.91
	Tail 2,100	EXPANDACEM SYSTEM: Class G Cement + 4% Bentonite + 0.25 Poly-E-Flake + 0.1% Halad-413 + 0.5 lbm/sk Silicalite Compacted + 0.15% SA-1015 + 0.3% HR-5	217	10%	13.0 ppg	1.64
PRODUCTION LINER	3,500	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	208	25%	14.2 ppg	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. 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 7,700'.
LINER	Float shoe, 1 joint, float collar, 1 joint, landing collar. Thread lock all FE. Maker joints every 1000'.

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

MANAGER: Bob Dodd

EP ENERGY E&P COMPANY, L.P.
DWR 2-33B5
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 THEN SOUTHERLY ON A GRAVEL ROAD 2.66 MILES TO AN INTERSECTION;

TURN LEFT AND TRAVEL SOUTHERLY ON A 2 TRACK ROAD 0.34 MILES TO THE BEGINNING OF THE ACCESS ROAD;

TURN LEFT AND FOLLOW ROAD FLAGS SOUTHEASTERLY 0.30 MILES TO THE PROPOSED LOCATION;

TOTAL DISTANCE FROM DUCHESNE, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 12.89 MILES.

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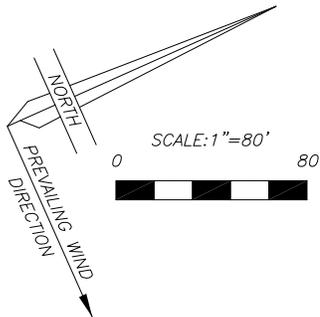
FIGURE #1

LOCATION LAYOUT FOR

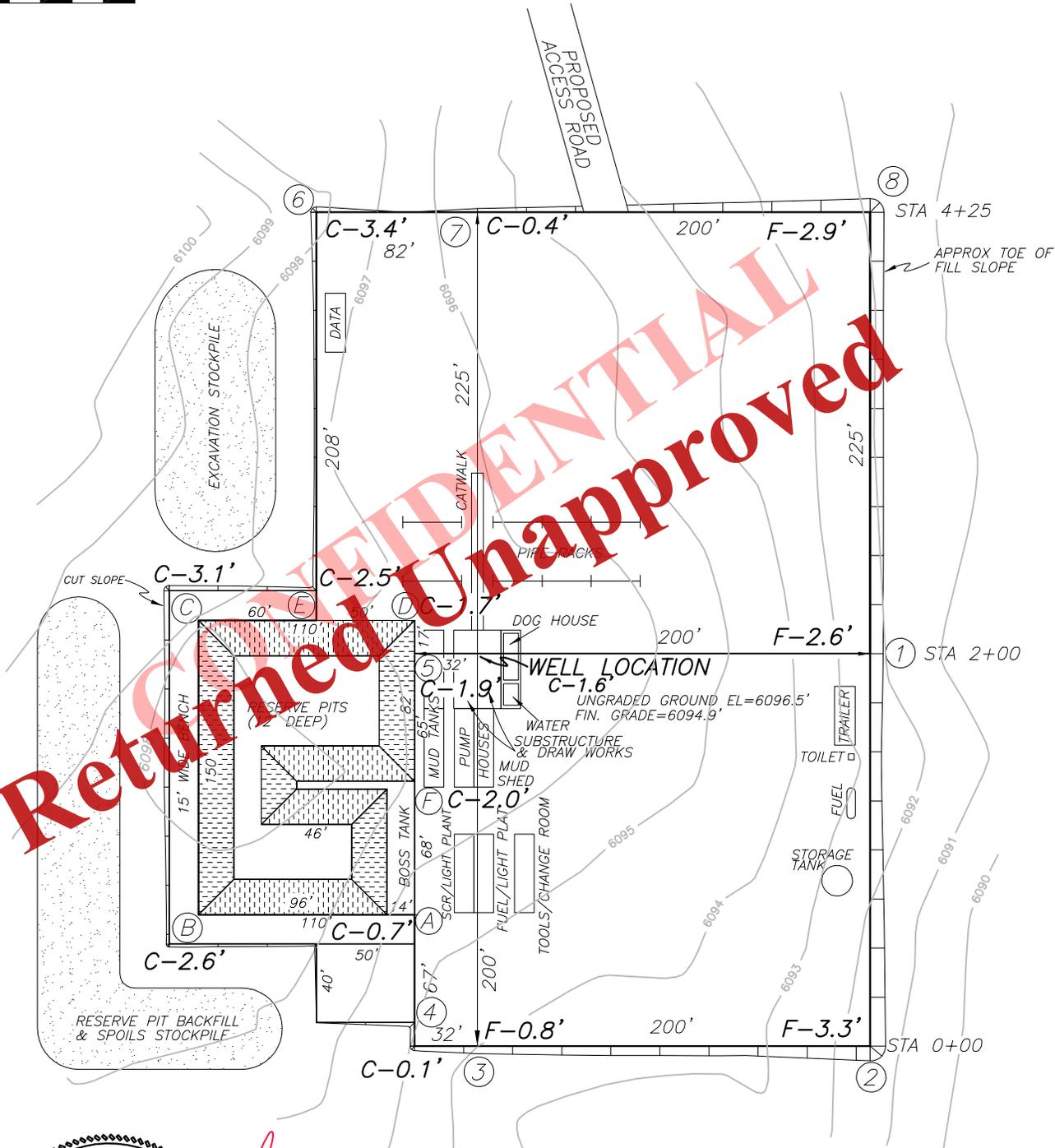
DWR 2-33B5

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

1000' FSL, 1300' FWL



Confidential Unapproved



Jerry D. Allred

8 JAN 2013

01-128-360

	<p>JERRY D. ALLRED & ASSOCIATES SURVEYING CONSULTANTS</p> <p>1235 NORTH 700 EAST--P.O. BOX 975 DUCHESNE, UTAH 84021 (435) 738-5352</p>
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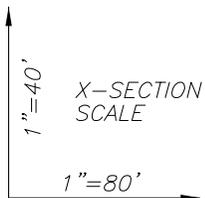
Received: July 21, 2014

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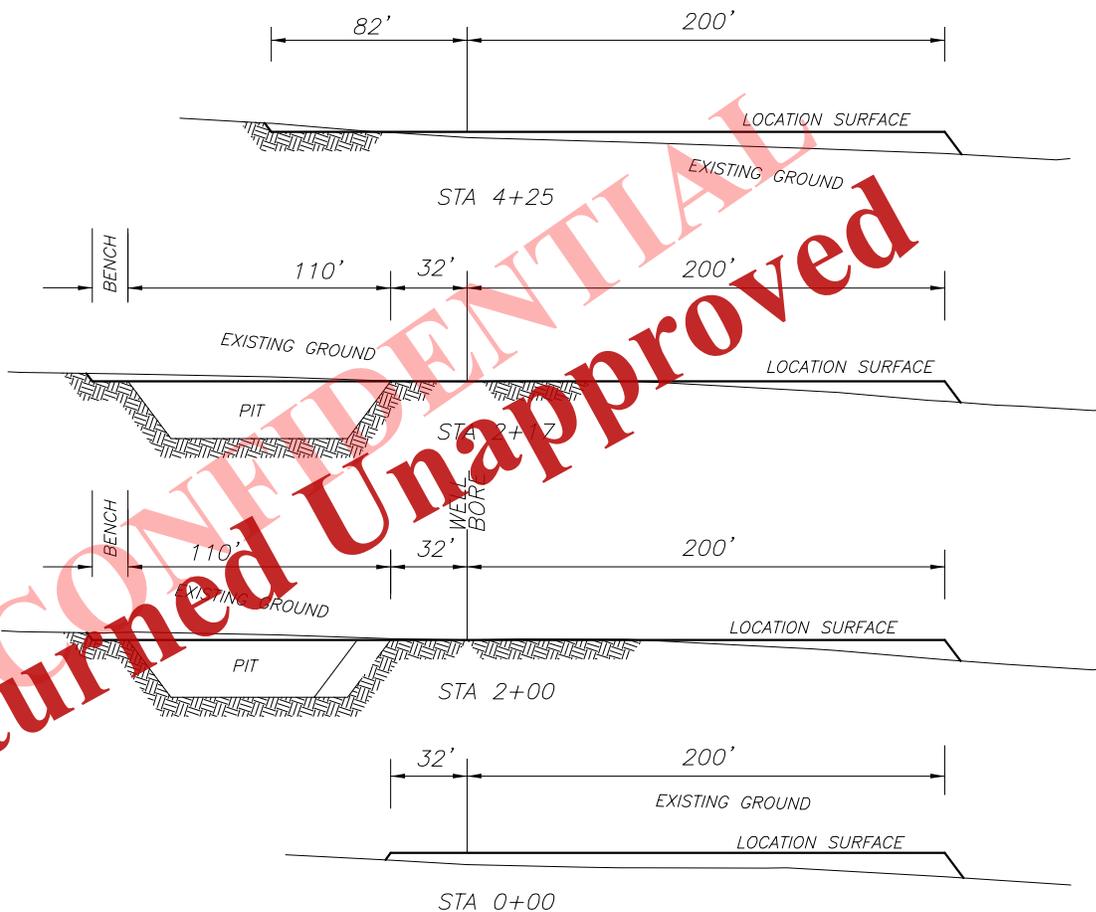
FIGURE #2

LOCATION LAYOUT FOR
DWR 2-33B5

SECTION 33, T2S, R5W, U.S.B.&M.
1000' FSL, 1300' FWL



NOTE: ALL CUT/FILL
SLOPES ARE 1½:1
UNLESS OTHERWISE
NOTED



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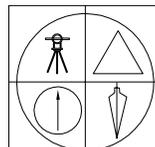
APPROXIMATE YARDAGES

TOTAL CUT (INCLUDING PIT) = 10,620 CU. YDS.

PIT CUT = 4572 CU. YDS.
TOPSOIL STRIPPING: (6") = 2560 CU. YDS.
REMAINING LOCATION CUT = 3488 CU. YDS

TOTAL FILL = 3488 CU. YDS.

LOCATION SURFACE GRAVEL=1374 CU. YDS. (4" DEEP)
ACCESS ROAD GRAVEL=585 CU. YDS.



JERRY D. ALLRED & ASSOCIATES
SURVEYING CONSULTANTS

1235 NORTH 700 EAST--P.O. BOX 975
DUCHESNE, UTAH 84021
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8 JAN 2013

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EP ENERGY E & P COMPANY, L.P.

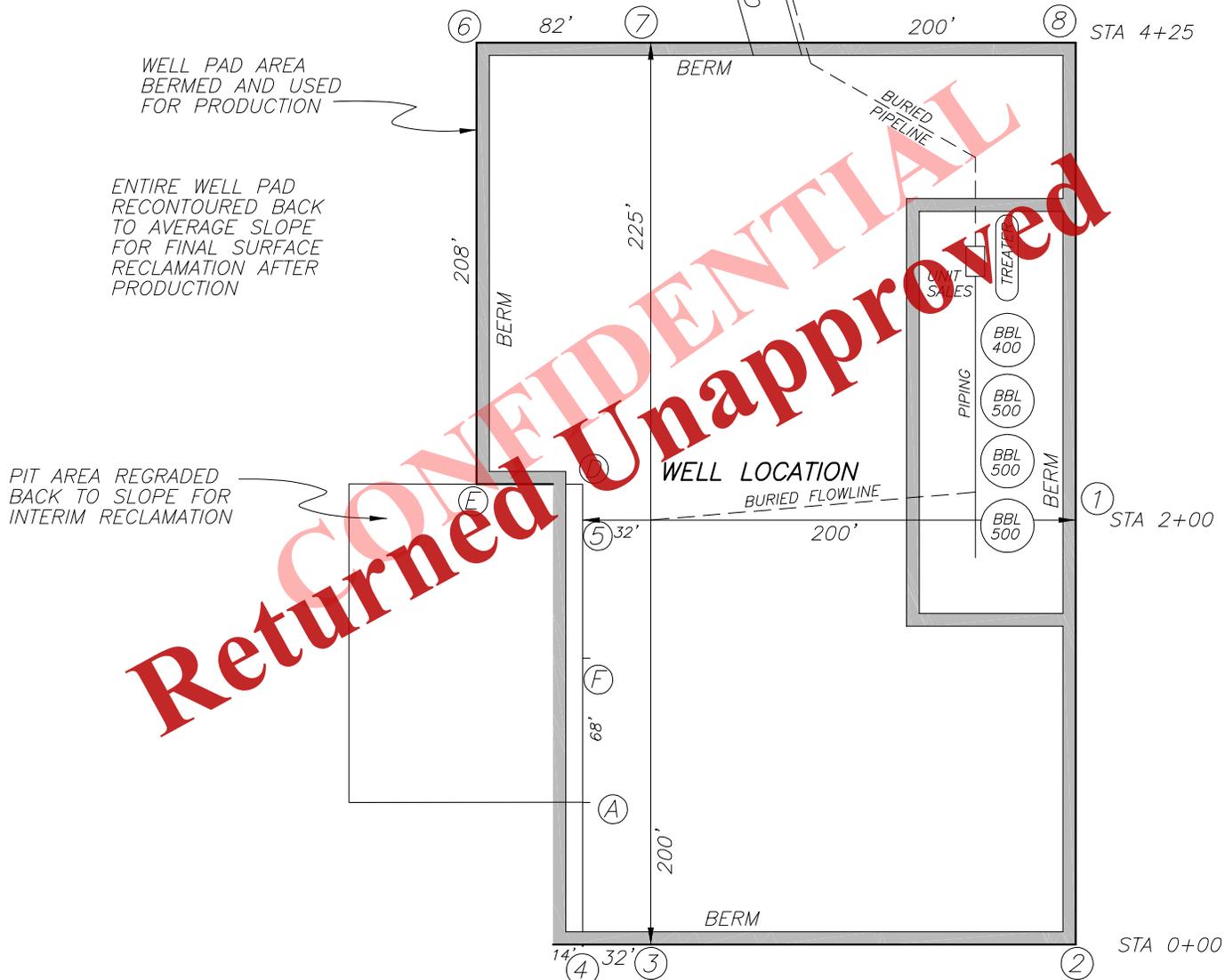
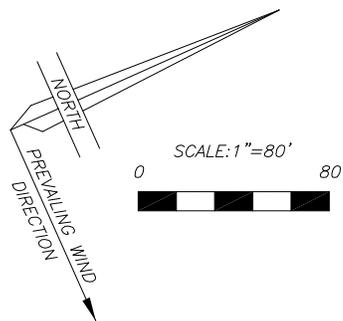
FIGURE #3

LOCATION LAYOUT FOR

DWR 2-33B5

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

1000' FSL, 1300' FWL



WELL PAD AREA BERMED AND USED FOR PRODUCTION

ENTIRE WELL PAD RECONTOURED BACK TO AVERAGE SLOPE FOR FINAL SURFACE RECLAMATION AFTER PRODUCTION

PIT AREA REGRADED BACK TO SLOPE FOR INTERIM RECLAMATION

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

	JERRY D. ALLRED & ASSOCIATES SURVEYING CONSULTANTS 1235 NORTH 700 EAST--P.O. BOX 975 DUCHESNE, UTAH 84021 (435) 738-5352
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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 2-33B5

SW¼, SECTION 33 & NE¼ SE¼ 32, TOWNSHIP 2 SOUTH, RANGE 5 WEST, U.S.B.&M.
DUCHESNE COUNTY, UTAH

LINE	BEARING	DISTANCE
L1	N 65°54'41" W	475.00'
L2	N 24°05'19" E	475.00'
L3	S 65°54'41" E	475.00'
L4	S 24°05'19" W	475.00'
L5	N 81°28'48" W	148.61'
L6	N 85°14'16" W	136.05'
L7	N 80°21'21" W	306.14'
L8	N 68°24'33" W	274.87'
L9	N 66°11'05" W	246.54'
L10	N 56°44'09" W	35.34'
L11	N 56°44'09" W	128.62'
L12	N 49°21'42" W	89.75'
L13	N 29°38'23" W	190.35'

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

USE AREA BOUNDARY DESCRIPTION

Commencing at the South Quarter Corner of Section 33, Township 2 South, Range 5 West of the Uintah Special Base and Meridian;
Thence North 61°22'55" West 1393.67 feet to the TRUE POINT OF BEGINNING;
Thence North 65°54'41" West 475.00 feet;
Thence North 24°05'19" East 475.00 feet;
Thence South 65°54'41" East 475.00 feet;
Thence South 24°05'19" West 475.00 feet to the TRUE POINT OF BEGINNING, containing 5.23 acres.

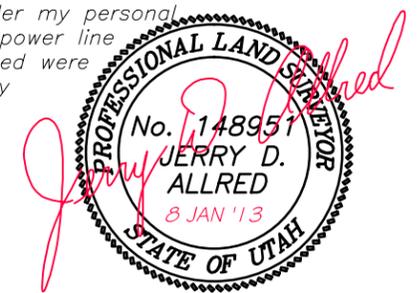
ACCESS ROAD, PIPELINE, AND POWER LINE CORRIDOR RIGHT-OF-WAY DESCRIPTION

A 66 feet wide access road, pipeline, and power line right-of-way over portions of Sections 33 and 32, 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 Southwest Corner of said Section 33;
Thence North 43°12'32" East 1602.25 feet to the TRUE POINT OF BEGINNING;
Thence North 81°28'48" West 148.61 feet;
Thence North 85°14'16" West 136.05 feet;
Thence North 80°21'21" West 306.14 feet;
Thence North 68°24'33" West 274.87 feet;
Thence North 66°11'05" West 246.54 feet;
Thence North 56°44'09" West 35.34 feet to a point on the East line of the Southeast Quarter of said Section 32 which bears South 00°04'33" West 1167.51 feet from the East Quarter Corner of said Section 32;
Thence North 56°44'09" West 128.62 feet;
Thence North 49°21'42" West 89.75 feet;
Thence North 29°38'23" West 190.35 feet to the East line of an existing road.
Said right-of-way being 1556.27 feet in length with the sidelines being shortened or elongated to intersect said use area boundary and the existing road.

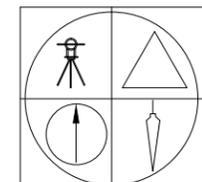
EP ENERGY E & P CO, L.P.
SURFACE USE AREA
DWR 2-33B5
5.23 ACRES

SURVEYOR'S CERTIFICATE

This is to certify 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, pipeline, and power line 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.



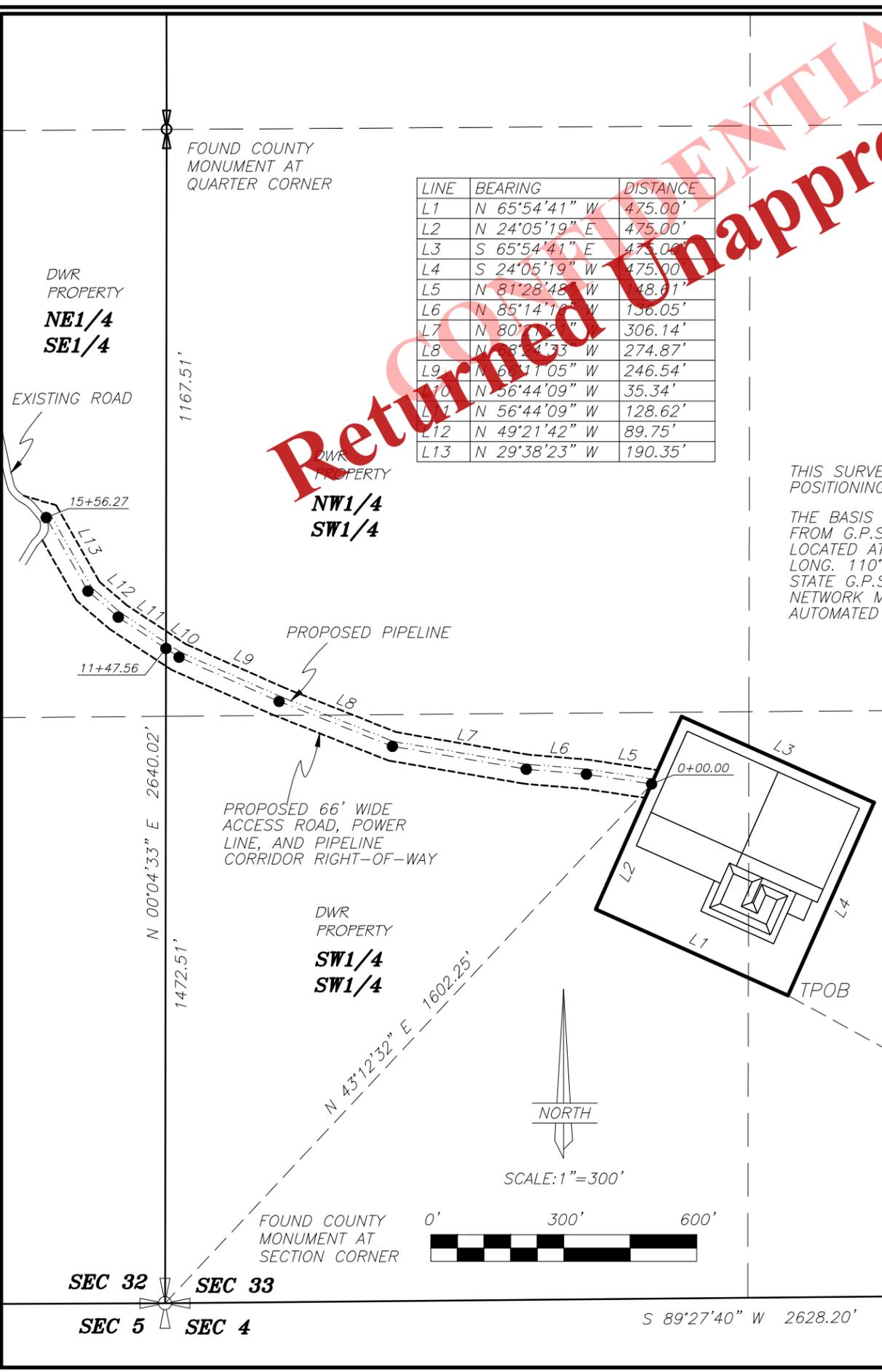
Jerry D. Allred, Professional Land Surveyor,
Certificate 148951 (Utah)



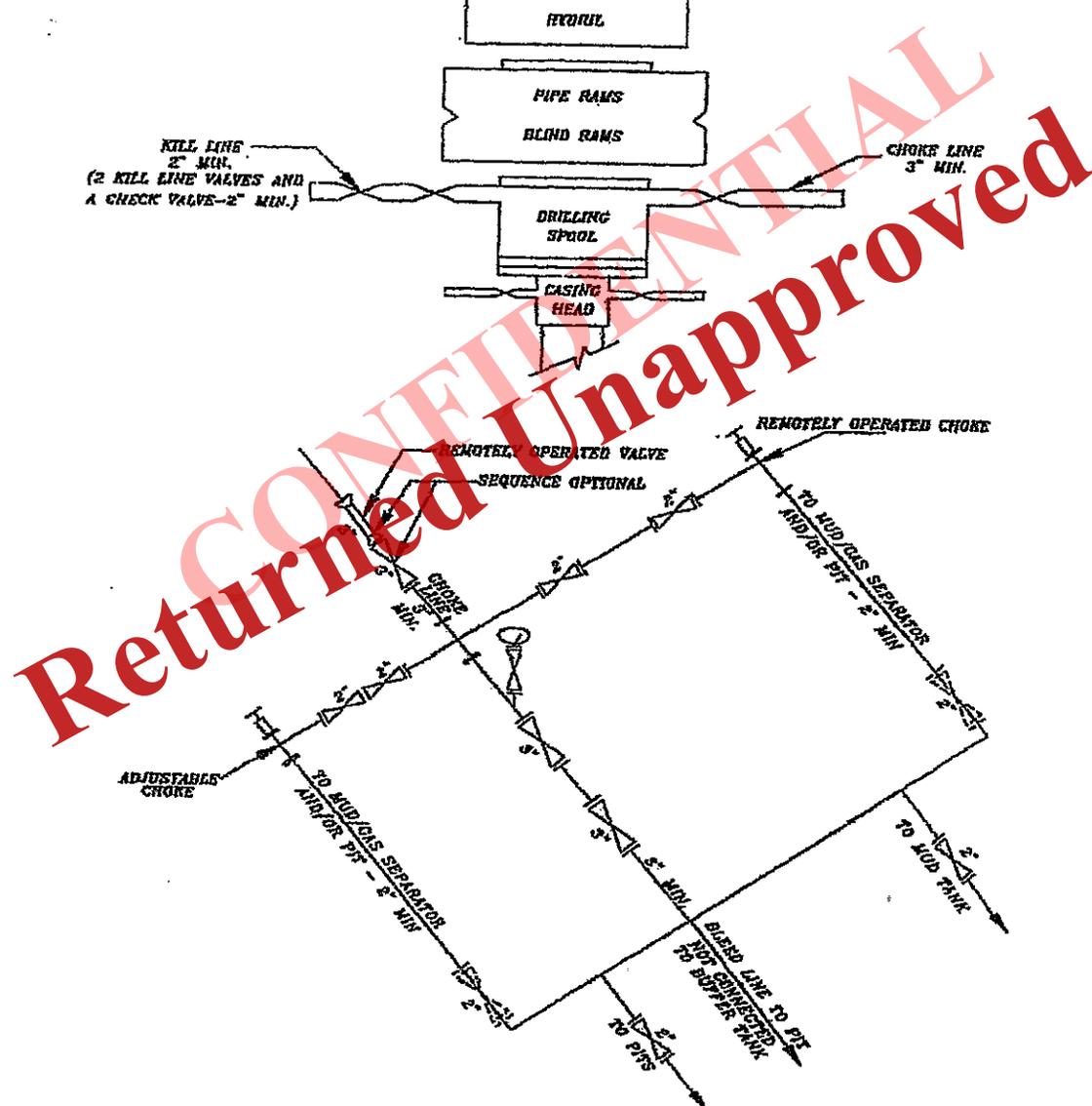
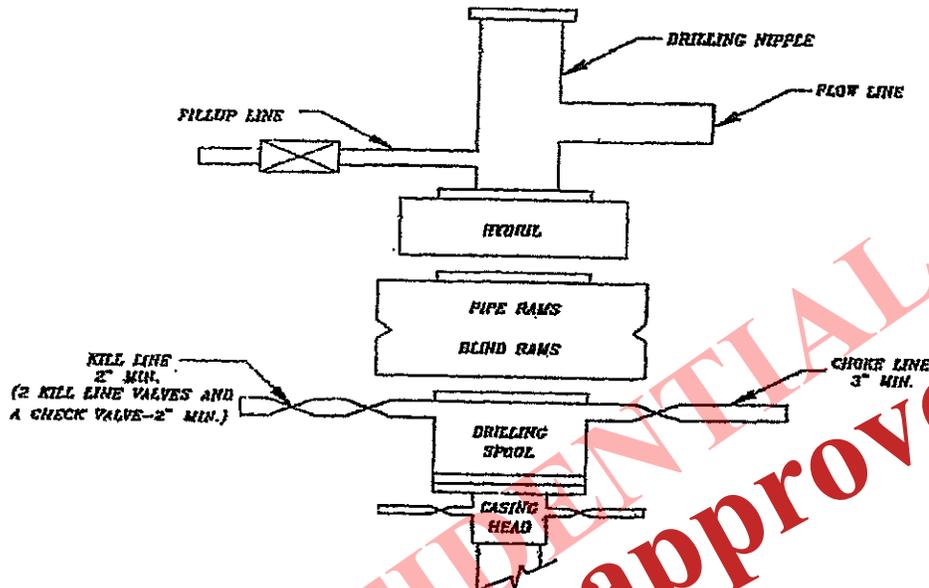
JERRY D. ALLRED AND ASSOCIATES
SURVEYING CONSULTANTS

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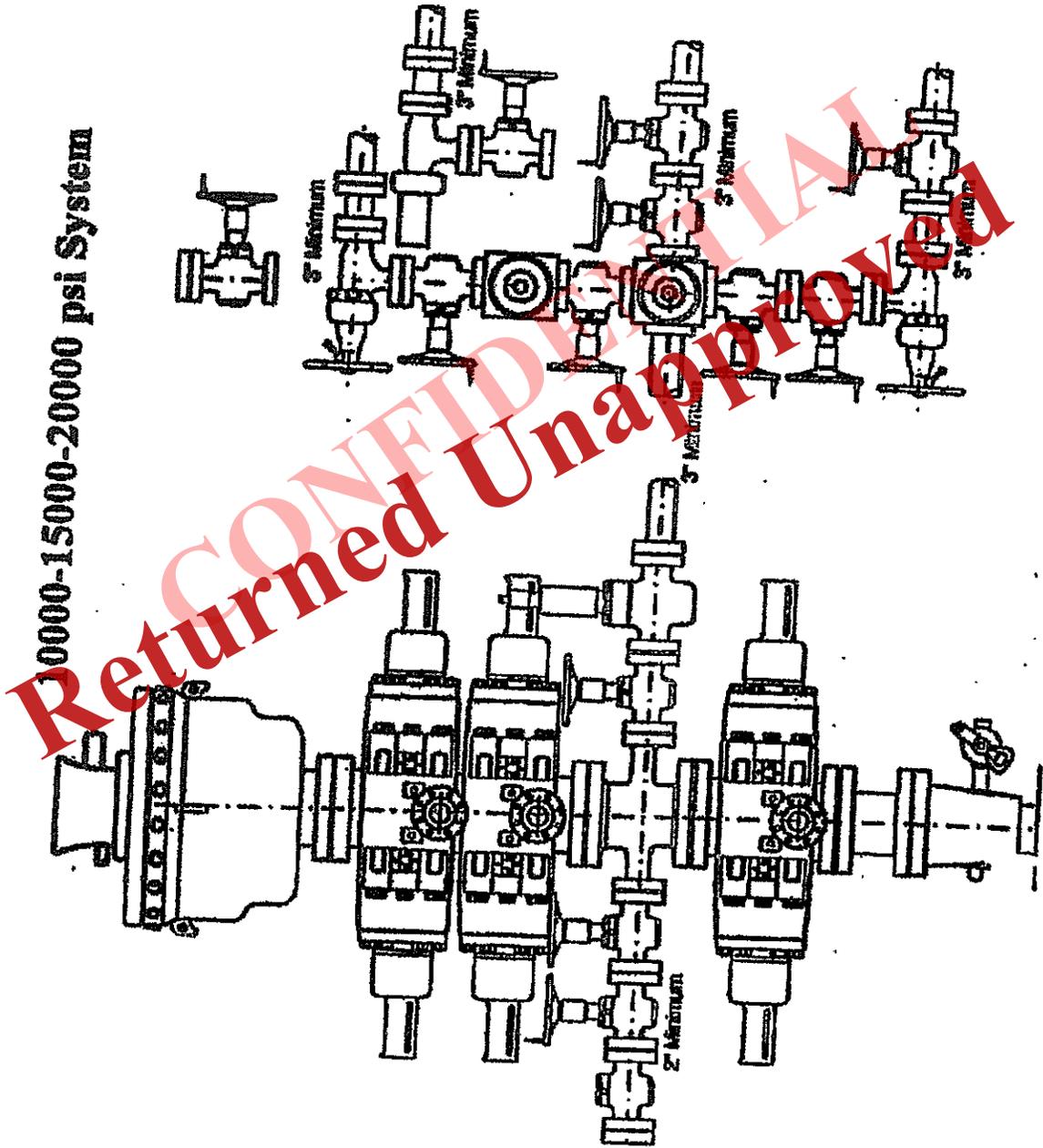


5M BOP STACK and CHOKE MANIFOLD SYSTEM



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10000-15000-20000 psi System

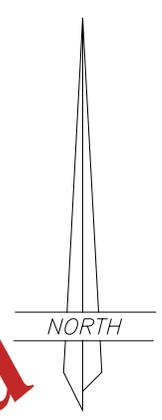
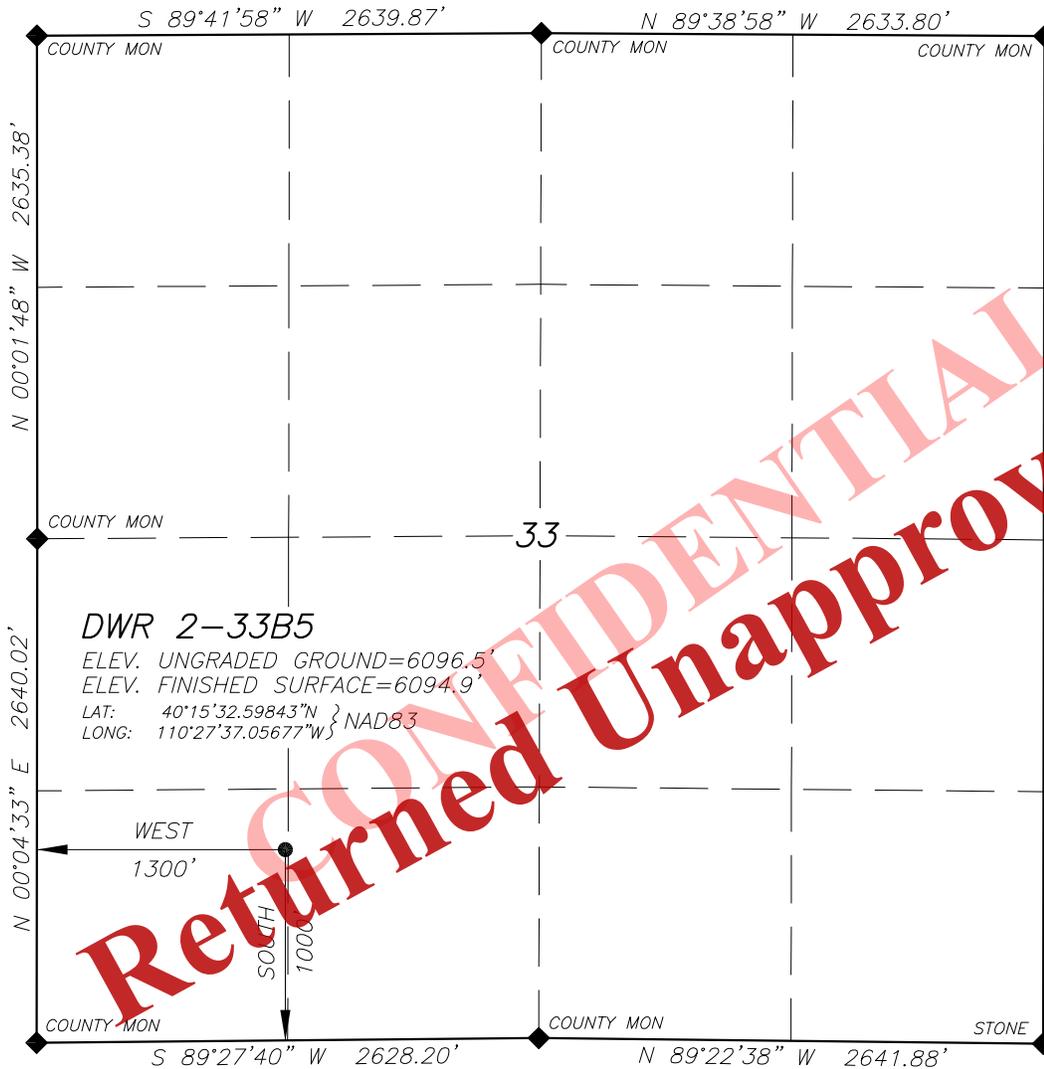


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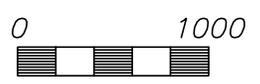
WELL LOCATION

DWR 2-33B5

LOCATED IN THE SW¼ OF THE SW¼ OF SECTION 33, T2S, R5W, U.S.B.&M. DUCHESNE COUNTY, UTAH



SCALE: 1" = 1000'



NOTE:
NAD27 VALUES FOR
WELL POSITION:
LAT: 40.25910002° N
LONG: 110.45958129° W

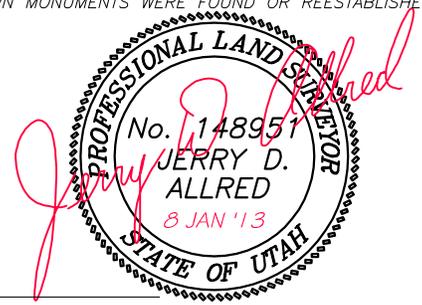
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SURVEYOR'S CERTIFICATE

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.

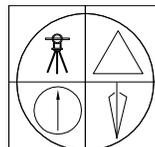
LEGEND AND NOTES

- ◆ 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



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

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

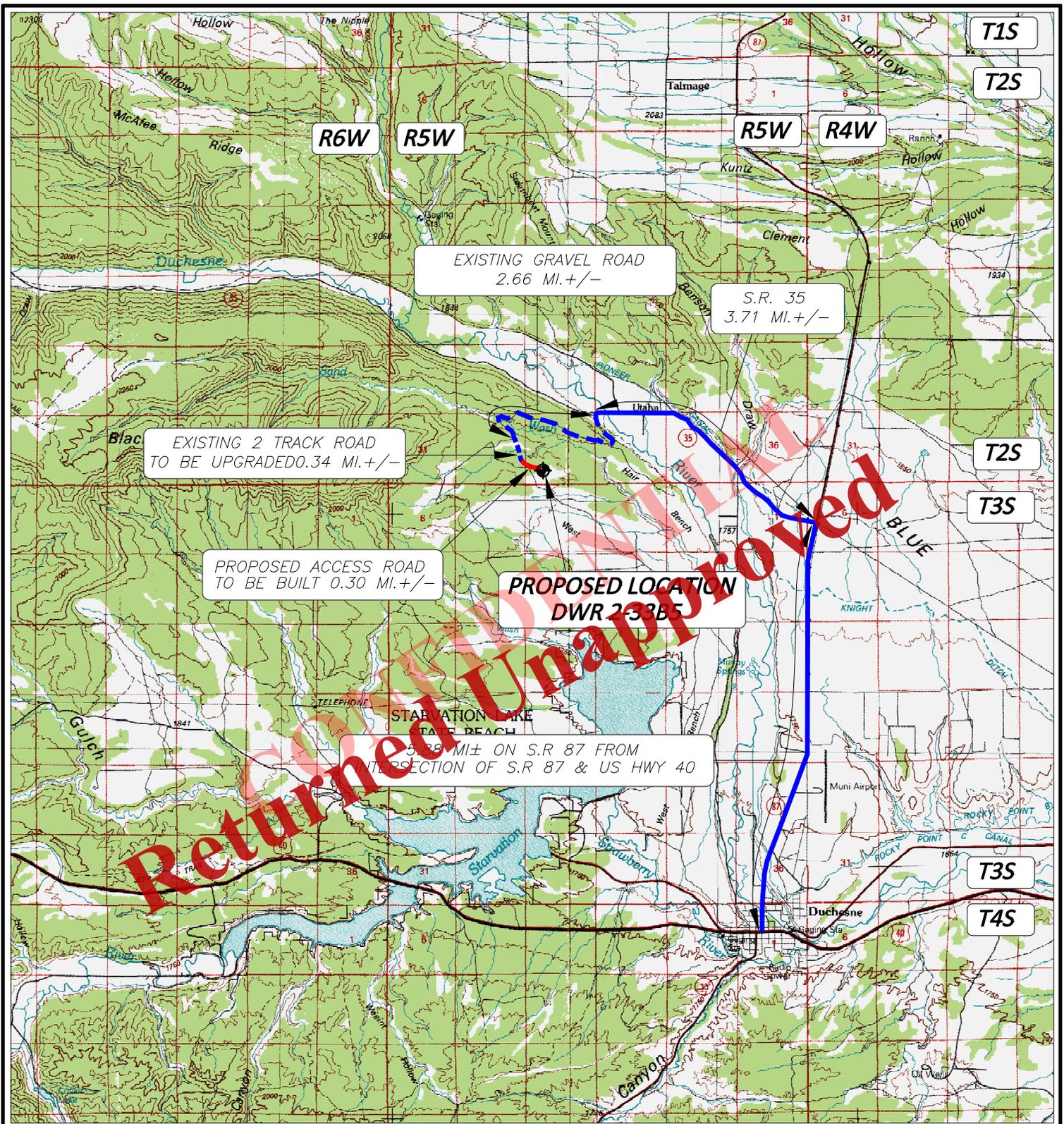


JERRY D. ALLRED & ASSOCIATES
SURVEYING CONSULTANTS

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

8 JAN 2013 01-128-360

Received: July 21, 2014



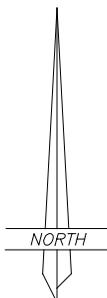
LEGEND:

◆ PROPOSED WELL LOCATION

01-128-360

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EP ENERGY E & P COMPANY, L.P.

DWR 2-33B5

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

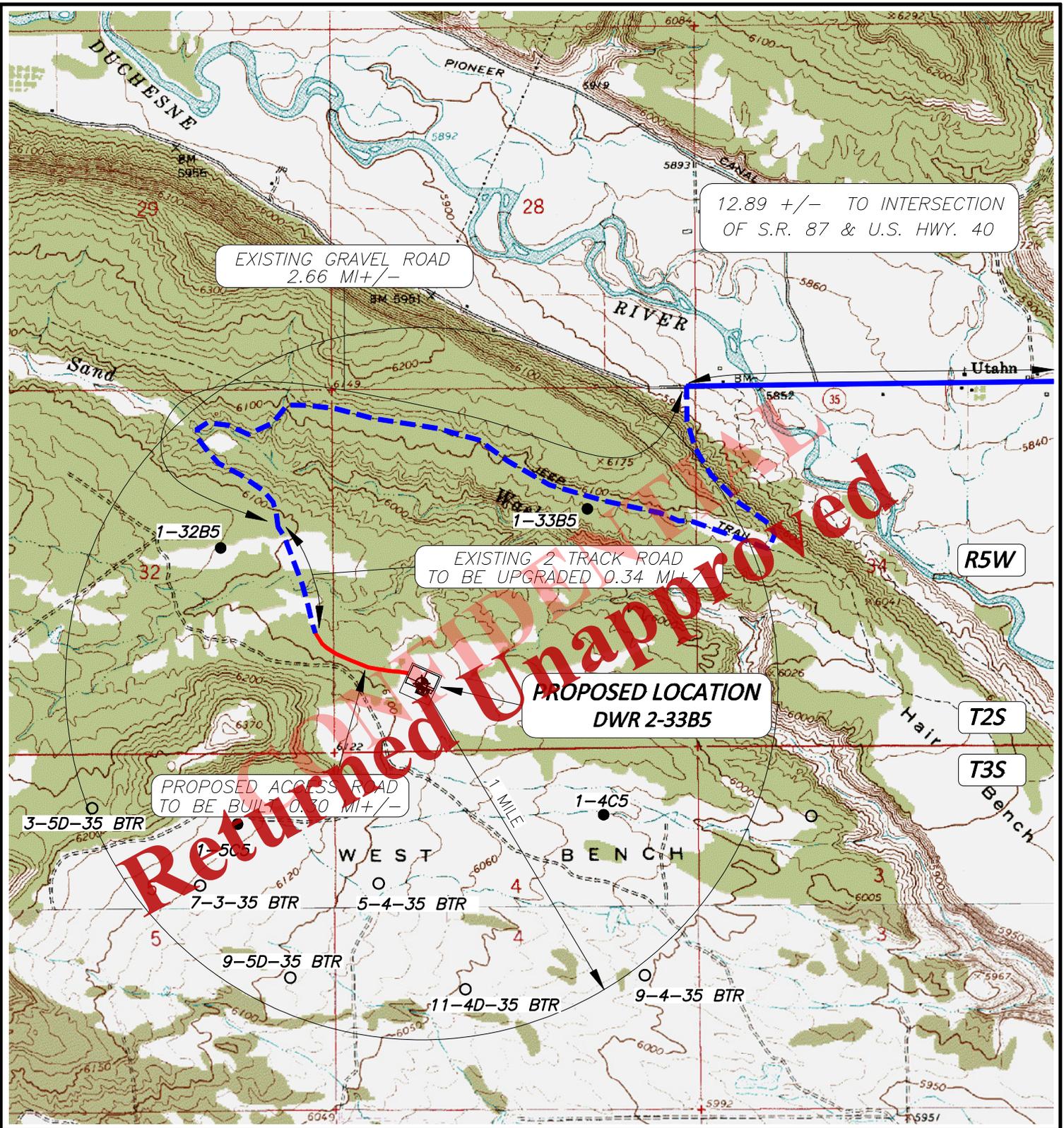
1000' FSL, 1300' FWL

TOPOGRAPHIC MAP "A"

SCALE; 1"=10,000'

9 JAN 2013

Received: July 21, 2014



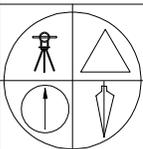
Returned Unapproved

LEGEND:

⊕ PROPOSED WELL LOCATION

● ○ + ⊕ ○ ⊕

01-128-360



JERRY D. ALLRED & ASSOCIATES
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DUCHEсне, UTAH 84021
(435) 738-5352

EP ENERGY E & P COMPANY, L.P.

DWR 2-33B5

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

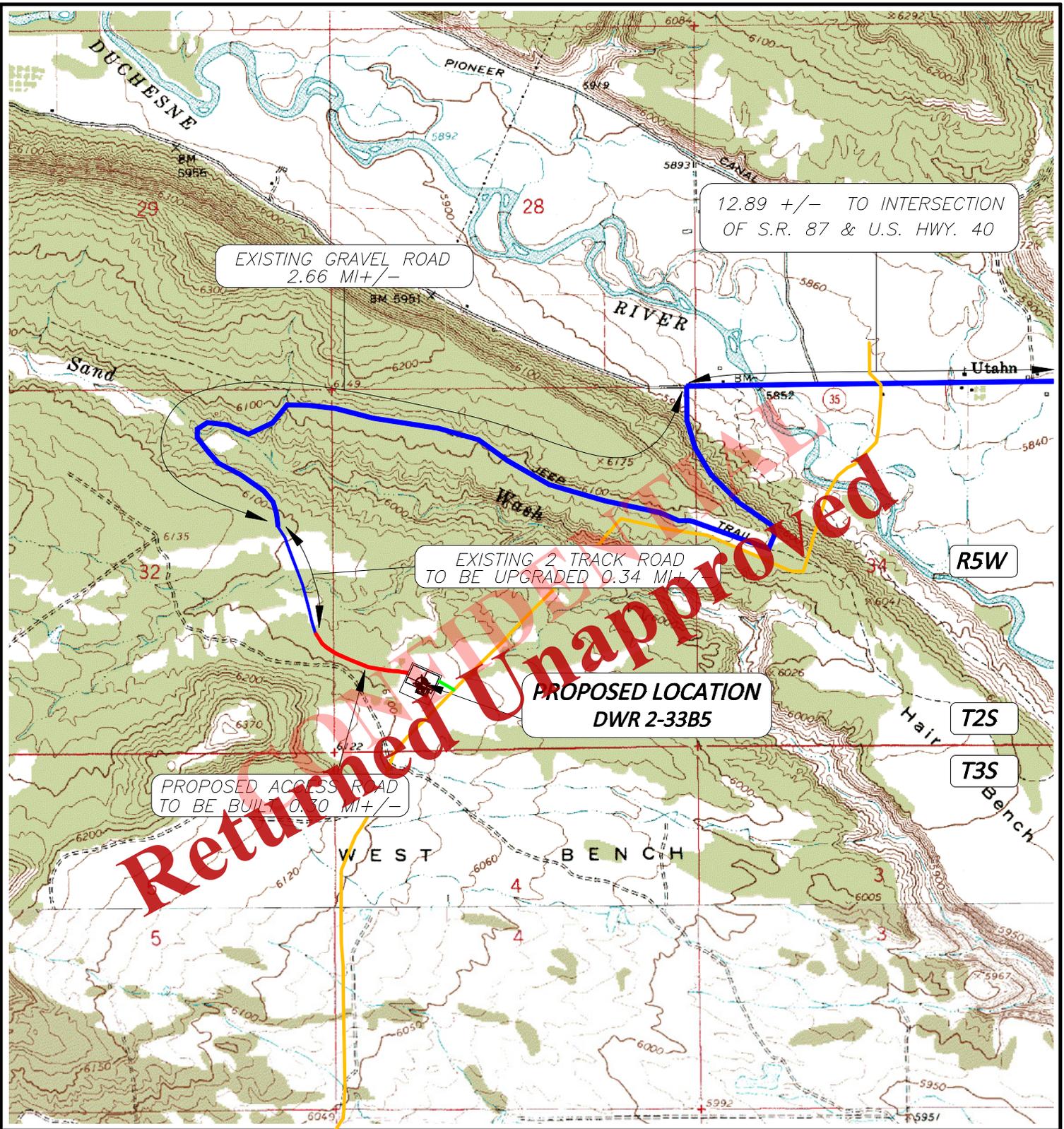
1000' FSL, 1300' FWL

TOPOGRAPHIC MAP "C"

SCALE; 1"=2000'

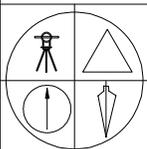
9 JAN 2013

Received: July 21, 2014



LEGEND:

-  PROPOSED WELL LOCATION
 -  PROPOSED ACCESS ROAD
 -  PROPOSED PIPELINE
 -  EXISTING PIPELINE
- 01-128-360



JERRY D. ALLRED & ASSOCIATES
SURVEYING CONSULTANTS

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

EP ENERGY E & P COMPANY, L.P.

DWR 2-33B5

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

1000' FSL, 1300' FWL

TOPOGRAPHIC MAP "D"

SCALE: 1"=2000'
9 JAN 2013

Received: July 21, 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 2-33B5
SHL/BHL: 1,000' FSL & 1,300' FWL
SW¼SW¼ 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 2-33B5 ("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-1404E-0472

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

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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 .30 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 .30 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 15th, and prior to ground frost, or seed will be planted after the frost has left and before May 15th. 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 – allelope, 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

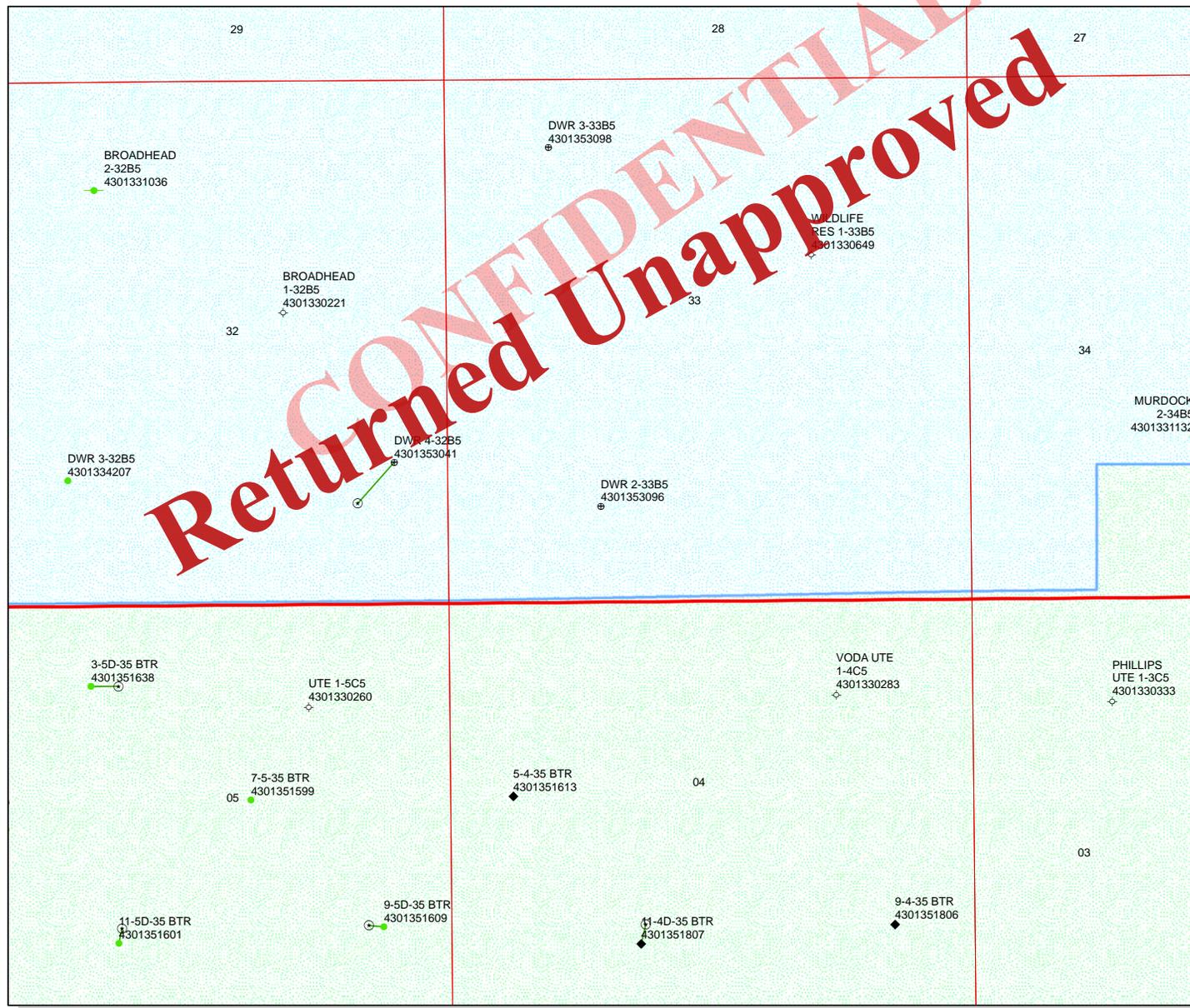
Regarding This APD

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

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API Number: 4301353096

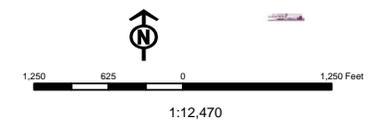
Well Name: DWR 2-33B5

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		NF SECONDARY	
OPS - Operation Suspended		PI OIL	
PA - Plugged Abandoned		PP GAS	
PGW - Producing Gas Well		PP GEOTHERML	
POW - Producing Oil Well		PP OIL	
SGW - Shut-in Gas Well		SECONDARY	
SOW - Shut-in Oil Well		TERMINATED	
TA - Temp. Abandoned		Fields	STATUS
TW - Test Well		Unknown	
WDW - Water Disposal		ABANDONED	
WW - Water Injection Well		ACTIVE	
WSW - Water Supply Well		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 2-33B5 well, API 43013530960000 that was submitted July 21, 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



