

Dominion Exploration & Production, Inc.  
Four Greenspoint Plaza  
16945 Northchase Drive, Suite 1750, Houston, TX 77060-2133



**Dominion**<sup>SM</sup>

October 13, 2000

State of Utah  
Department of Natural Resources  
Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, Utah 84114-5801

RE: Application to Drill

Attached are an original with two copies of the Application for Permit to Drill for the following wells:

State 7-36A  
State 1-2D  
State 9-2D

**Dominion Expl. & Prod., Inc. is requesting that each application and it's attachments be held confidential.**

If you require additional information, please contact me at 281/873-3692. Thank you for your assistance in this matter.

Sincerely,

**DOMINION EXPL. & PROD., INC.**

Diann Flowers  
E&P Regulatory Specialist

Cc: Bureau of Land Management - Vernal  
Kevin Rupert  
Ralph Hamrick  
Genny Donaldson  
Mitch Hall  
Nelda Decker  
Michael Nwaokobia  
Joan Elterman  
Deborah Thomas  
Well File

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OCT 20 2000

DIVISION OF  
OIL, GAS AND MINING

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

FORM 3

AMENDED REPORT   
(highlight changes)

<b>APPLICATION FOR PERMIT TO DRILL</b>			5. LEASE DESIGNATION AND SERIAL NUMBER: <b>ML-13215-A</b>
1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
B. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER: _____ SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		7. UNIT or CA AGREEMENT NAME:	
2. NAME OF OPERATOR: <b>DOMINION EXPL. &amp; PROD., INC.</b>		8. WELL NAME and NUMBER: <b>STATE 9-2D</b>	
3. ADDRESS OF OPERATOR: <b>16945 NORTHCHASE DRIVE, SUITE 1750 HOUSTON, TEXAS 77060</b>		PHONE NUMBER: <b>(281) 873-3692</b>	9. FIELD AND POOL, OR WILDCAT: <b>NATURAL BUTTES</b>
4. LOCATION OF WELL (FOOTAGES)  AT SURFACE: <b>1618' FSL &amp; 1254' FEL</b>  AT PROPOSED PRODUCING ZONE:		<b>4424851N</b> <b>597719E</b>	10. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>NESE Sec. 2-T10S-R18E</b>
13. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: <b>+/- 21 miles SE of Myton</b>		11. COUNTY: <b>UINTAH</b>	12. STATE: <b>UTAH</b>
14. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET)  <b>1,254'</b>	15. NUMBER PF ACRES IN LEASE:  <b>640</b>	16. NUMBER OF ACRES ASSIGNED TO THIS WELL:  <b>80</b>	
17. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET)  <b>2,400'</b>	18. PROPOSED DEPTH:  <b>12,500'</b>	19. BOND DESCRIPTION:  <b>#76S 63050 361</b>	
20. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.):  <b>GR: 4962'</b>	21. APPROXIMATE DATE WORK WILL START:  <b>November 15, 2000</b>	22. ESTIMATED DURATION:  <b>20 days</b>	

23. **PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT
17-1/2"	13-3/8", 54.5#/ft, K-55	+/- 84'	CEMENT TO SURFACE
12-1/4"	8-5/8", 24/32#/ft, K-55	3,800'	CEMENT TO SURFACE
7-7/8"	5-1/2", 17#/ft, P-110	12,500'	CALC. CEMENT +/- 7000'

24. **ATTACHMENTS** **CONFIDENTIAL**

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"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER	<input type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

NAME (PLEASE PRINT) DAVID L. LINGER TITLE MANAGER, ONSHORE DRILLING

SIGNATURE *David Linger* DATE OCTOBER 18, 2000

(This space for State use only)

API NUMBER ASSIGNED: 43-047-33740

**Approved by the  
Utah Division of  
Oil, Gas and Mining**

APPROVAL

Date: 11/20/00

By: *[Signature]*

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DIVISION OF  
OIL, GAS AND MINING

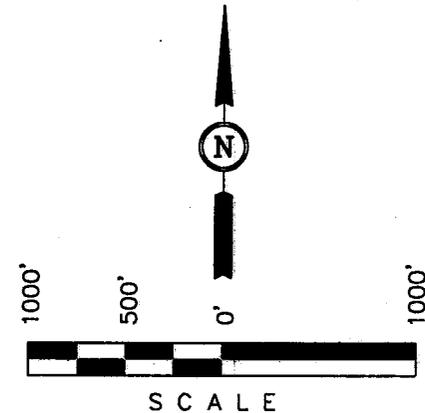
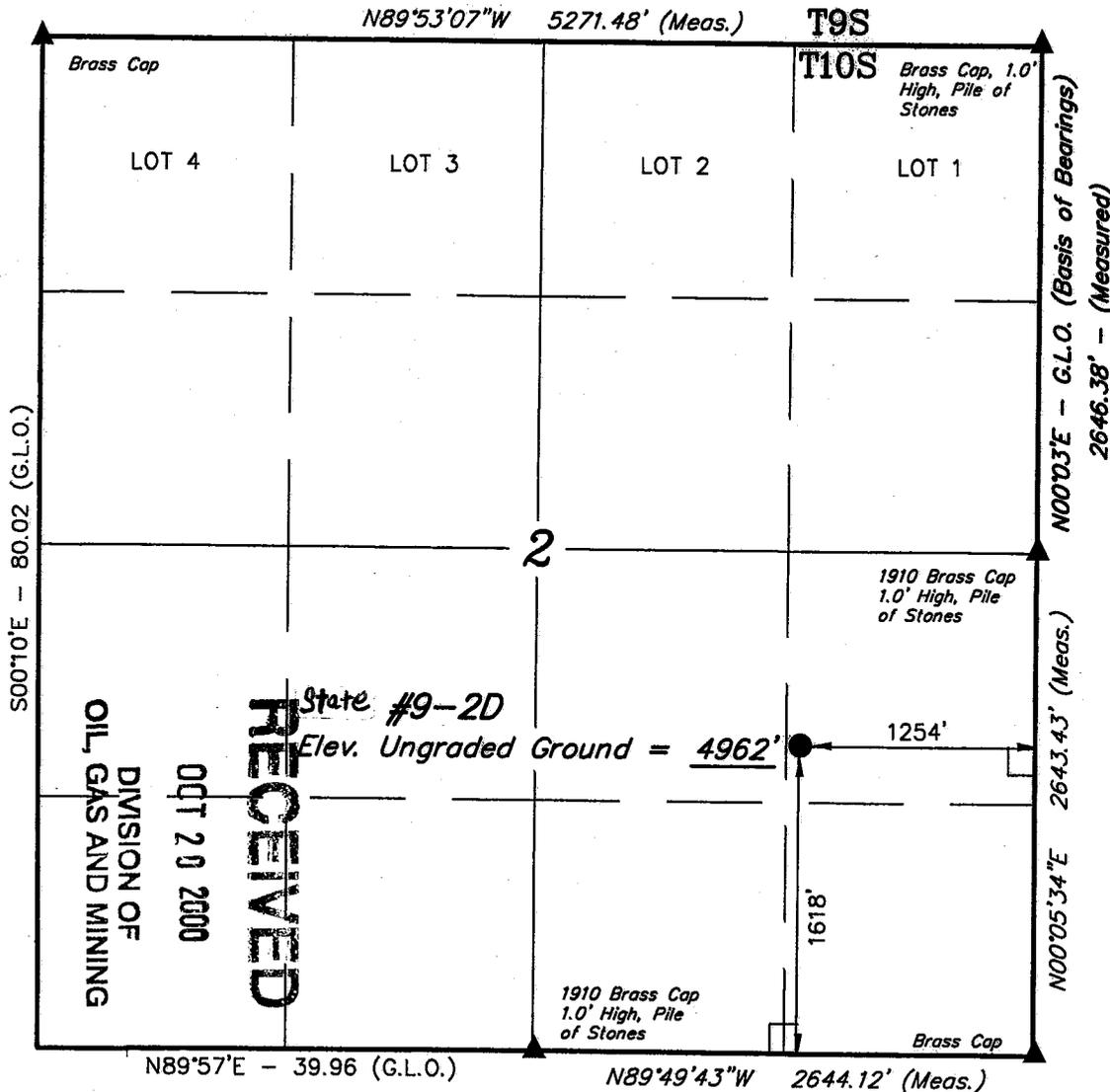
T10S, R18E, S.L.B.&M.

DOMINION EXPLR. & PROD., INC.

Well location, State #9-2D, located as shown in the NE 1/4 SE 1/4 of Section 2, T10S, R18E, S.L.B.&M. Uintah County Utah.

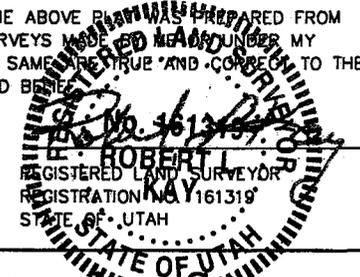
BASIS OF ELEVATION

SPOT ELEVATION AT THE NORTHWEST CORNER OF SECTION 2, T10S, R18E, S.L.B.&M. TAKEN FROM THE MOON BOTTOM QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5077 FEET.



CERTIFICATE

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



LEGEND:

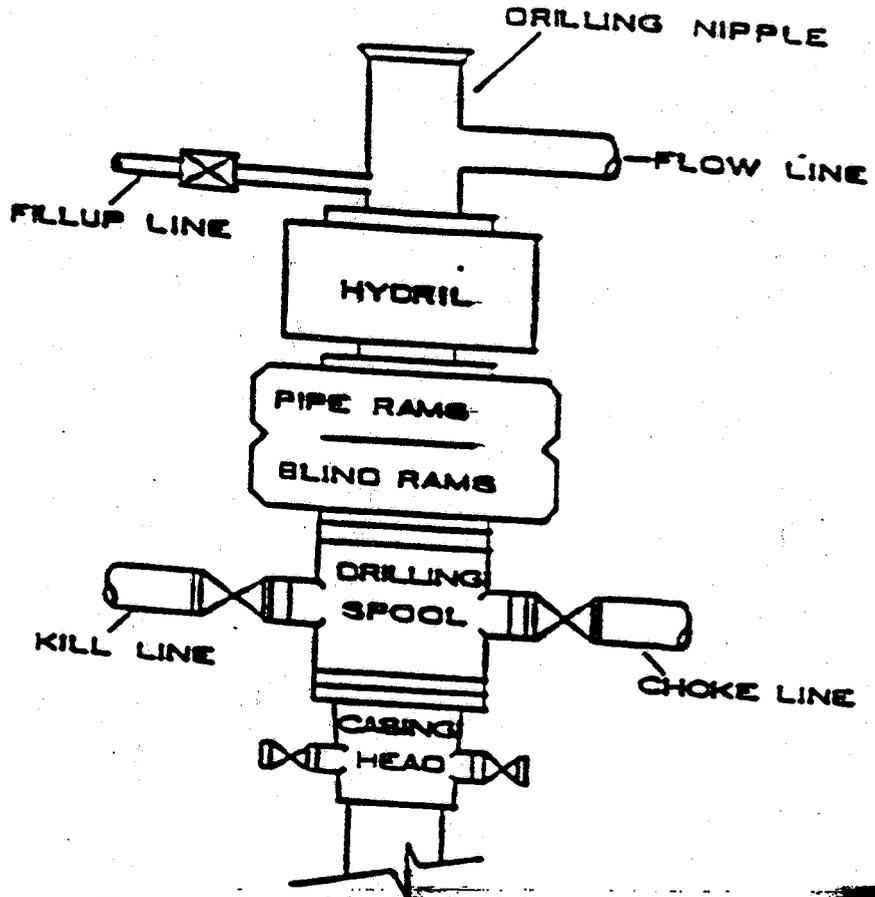
- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

LATITUDE = 39°58'12"  
 LONGITUDE = 109°51'19"

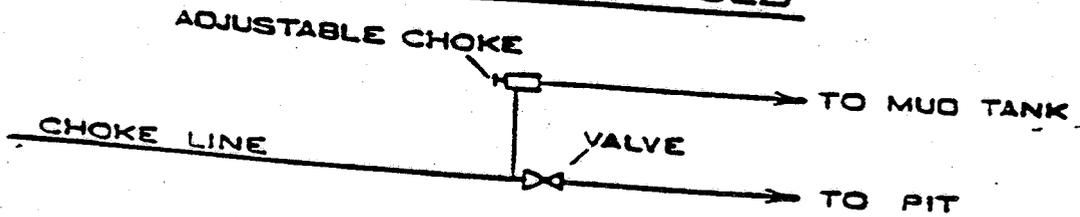
**UINTAH ENGINEERING & LAND SURVEYING**  
 85 SOUTH 200 EAST - VERNAL, UTAH 84078  
 (435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 09-07-00	DATE DRAWN: 09-22-00
PARTY D.K. B.P. D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE DOMINION EXPLR. & PROD., INC.	

BOP STACK



CHOKER MANIFOLD



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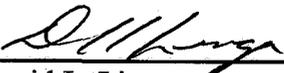
OCT 20 2000

DIVISION OF  
OIL, GAS AND MINING

## SELF-CERTIFICATION STATEMENT

Under Federal regulation, effective June 15, 1988, designation of operator forms are no longer required when the operator is not the 100% record title holder. An operator is now required to submit a self-certification statement to the appropriate office stating that said operator has the right to operate upon the leasehold premises. Said notification may be in the following format:

Please be advised that **Dominion Expl. & Prod., Inc.** is considered to be the operator of Well No. **9-2D**, located in the **NE ¼ SE ¼ of Section 2, T10S, R18E in Uintah County; Lease ML-13215-A**; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by *Travelers Casualty and Surety Company of America*, Bond #76S 63050 361.

  
\_\_\_\_\_  
David L. Linger  
Onshore Drilling Manager

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DIVISION OF  
OIL, GAS AND MINING

**DRILLING PLAN**  
**APPROVAL OF OPERATIONS**

**October 18, 2000**

**Attachment for Permit to Drill**

**Name of Operator:** Dominion Expl. & Prod., Inc.  
**Address:** Four Greenspoint Plaza  
16945 Northchase Drive, Suite 1750  
Houston, Texas 77060-2133

**WELL LOCATION:** Well No. 9-2D

Uintah, Utah

1. **GEOLOGIC SURFACE FORMATION**

Uintah

2. **ESTIMATE IMPORTANT GEOLOGIC MARKERS**

<u>Formation</u>	<u>Depth</u>
Wasatch Tongue	4,385'
Green River Tongue	4,785'
Wasatch	4,955'
Chapita Wells	5,655'
Uteland Buttes	6,855'
Mesaverde	8,180'
Mancos	12,130'

3. **ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS**

<u>Formation</u>	<u>Depth</u>	<u>Remarks</u>
Wasatch Tongue	4,385'	Oil Zone
Green River Tongue	4,785'	Oil Zone
Wasatch	4,955'	Gas Zone
Chapita Wells	5,655'	Gas Zone
Uteland Buttes	6,855'	Gas Zone
Mesaverde	8,180'	Gas Zone
Mancos	12,130'	Gas Zone

4. **PROPOSED CASING PROGRAM**

All casing used to drill this well will be new casing.

13 3/8", 54.5 #/ft K-55 - 0' - 84' - Cemented to Surface

8-5/8", 24#/ft, K-55, STL (Thread type) 0'-2,000' - Cemented to Surface

8-5/8", 32#/ft, K-55 LTC (Thread type) @ 2000'-3800' - Cemented to Surface

5 1/2", 17#/ft, P-110, LTC (Thread type) 0'- 12,500' - Cemented to Surface

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5. **OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL**

BOP stack has a 5,000 psi working pressure. BOP will be pressure tested to 5,000 psi before drilling casing cement plug. Pipe rams will be operated daily and blind rams as possible.

6. The well is to be drilled with a KCL mud system maintaining a weight of approximately 9 - 9.7#/gal.
7. An automatic igniter will not be installed on the blooie line.
8. A 90 degree bend on the blooie line, located approximately 50' from the wellhead on the pit side past the mud tank will be installed. Total length of the blooie line will remain 100' from the wellhead.

9. **AUXILIARY EQUIPMENT TO BE USED**

1. Kelly Cock.
2. Full opening valve on floor with DRILL PIPE connection for use when Kelly is not in string.

10. **TESTING, LOGGING, AND CORING PROGRAMS TO BE FOLLOWED**

Possible DST in Wasatch Tongue. The logging program will include Dual Lateral/GR log TD to Surface, Density/Neutron - TD - 3,800' possible dipmeter and rotary cores over selected intervals.

11. **ANTICIPATED ABNORMAL PRESSURES OR TEMPERATURES EXPECTED**

No normal pressures are anticipated nor is the area known for abnormal temperatures. The formations to be penetrated do not contain H<sub>2</sub>S gas. The anticipated bottom hole pressure is 4,200 psi.

12. **WATER SUPPLY**

- A. Water to be used for drilling will be hauled Section 34-T3S-R20W. User's Claim - Code #43, Serial #1721.
- B. No pipelines are anticipated. Hauling will be on the road(s) shown in Attachment No. 3.
- C. No water well is anticipated to be drilled at this time.

13. **CEMENT SYSTEMS**

**CONDUCTOR**

Ready-mix cement to surface.

**SURFACE**

Tail Slurry: +/-331 sks Class "G" cement, 2% CaCl<sub>2</sub> + .25lb. sk Flake mixed at 15.8 ppg. Yield 1.16 ft<sup>3</sup>/sk, water 4.96 gal/sk, excess 20%.

Lead Slurry: +/-600 sks Premium Lite II and 10% gel + 6 lb/sk KOL seal + 3 lb/sk CSE + .5% SM + .25 lb. Flake mixed at 11.0 lb/gel yield - 3.37 ft<sup>3</sup>/sk, excess 10%. Water 21.18 gps.

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**PRODUCTION**

Lead Slurry: +/-350 sk Premium Lite II and 10% gel + 6 lb/sk KOL seal + 3 lb/sk CSE + .5% SM + .25 lb. Flake mixed at 11.0 lb/gel yield - 3.37 ft<sup>3</sup>/sk, excess 40%. Water 21.18 gps.

Tail Slurry: +/-770 sk 50/50 Poz and .1% R-3 + 3% KCL +.25lb. Flake + 2 lb/sk KOL seal + .8% FL-25 + 2% gel + .2% SM; mixed at 14.1 lb/gal, yield - 1.23 ft<sup>3</sup>/sk, water - 5.18 gps.

**14. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS**

Starting Date: November 15, 2000  
 Duration: 20 Days

**SURFACE CASING CEMENT PROGRAM**

Set 8 5/8" casing in 12 1/4" open hole cement to surface. Volume calculated using 40% excess.

**SPACER:**

Pump 20 bbls lightly gelled water followed by 5 bbls fresh H<sub>2</sub>O ahead of cement to water wet the well bore after air drilling. Displace with fresh water.

**CEMENT SYSTEM**

± 600 sks Lead Cement Premium Lite II + 10% gel + 6 lb/sk KOL seal + 3 lb/sk CSE + .5% SM + .25 lb/sk Cello Flake

Weight	11.0 lb/gal
Yield	3.37 ft <sup>3</sup> /sk
Water	20.48 gal/sk

Thickening Time at 118 degrees 5+ hours

Compressive Strength at 80 degrees 24 hrs 375 PSI

± 331 sks Class G "Tail-In" Cement, 2% CaCl<sub>2</sub>, .25lb/sk Cello Flake.

Weight	15.80 lb/gal
Yield	1.17 ft <sup>3</sup> /sk
Water	4.99 gal/sk

Thickening Time at 118 degrees 1:42 minutes

Compressive Strength at 80 degrees  
 8 hrs 750 PSI  
 16 hrs 1800 PSI  
 24 hrs 2400 PSI

± 100 - 200 sks Top-out cement, 2% CaCl<sub>2</sub>, .25lb/sk Cello Flake

Run 1" tubing in annulus to ± 200' and cement to surface.

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**CASING HARDWARE:**

- 1 Cement Guide Shoe
- 1 Insert Float
- 3 Centralizers
- 1 Stop Ring
- 1 Thread Lock
- 1 Top Wood Plug

**LONGSTRING CEMENT**

Set 5 1/2" casing in a 7 7/8" open hole.  
 Lead cement slurry to fill from 750' above top pay zone to surface.  
 Tail cement slurry to fill from TD to 750' above the pay zone.  
 Both volumes are calculated using 25% excess.

**SPACER:**

(KCL Mud System) 10 bbl water  
 Displace with 3% KCL water using .2% L-55 Clay Stabilizer.

**CEMENT SYSTEM**

Lead Slurry

± 350 sks Premium Lite II + 10% gel + 6 lb/sk KOL seal + 3 lb/sk CSE + .5% SM + .25 lb/sk Cello Flake.

Weight	11.00 lb/gal
Yield	3.37 ft <sup>3</sup> /sk
Water	21.18 gal/sk

Thickening Time at 180 degrees	4 hrs +
Compressive Strengths in 24 hrs	375 PSI
Fluid Loss	240 cc/30 minutes

Tail Slurry

± 770 sks 50/50 Poz + .1% R-3 + 3% KCL + .25lb Flake + 2 lb/sk KOL seal + .8% FL-25 + 2% gel + .2% SM.

Weight	14.1 lb/gal
Yield	1.23 ft <sup>3</sup> /sk
Water	5.18 gal/sk

Thickening Time at 165 degrees BHCT	
Compressive Strength in 12 hrs	845 PSI
24 hrs	1470 PSI

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OIL, GAS AND MINING

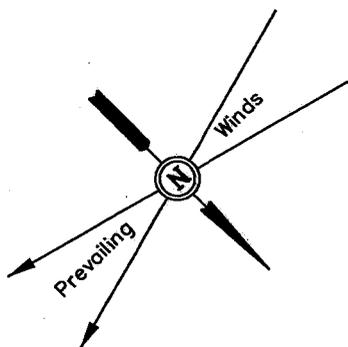
DOMINION EXPLR. & PROD., INC.

LOCATION LAYOUT FOR

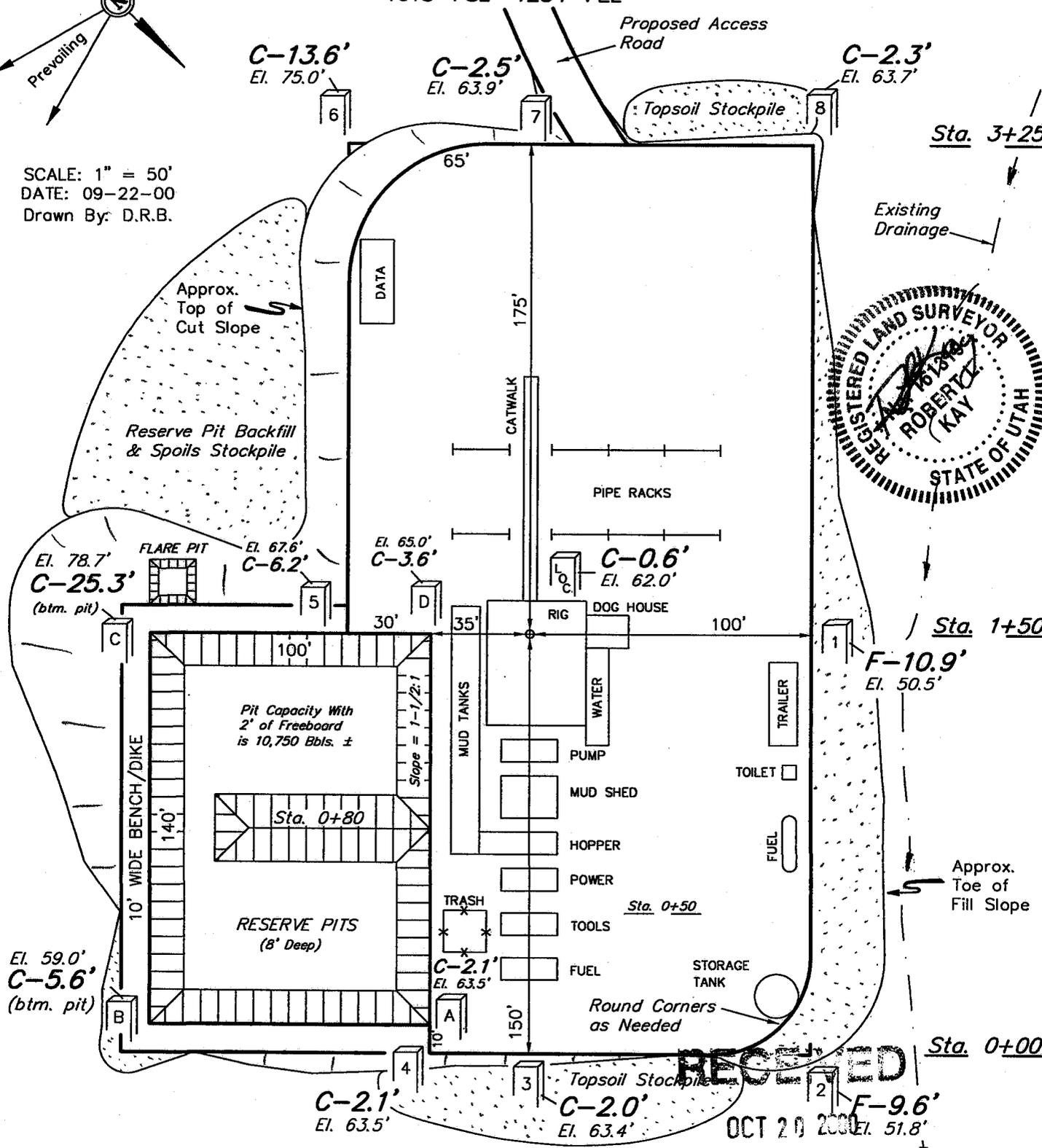
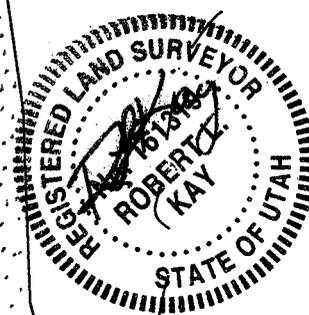
State #9-2D

SECTION 2, T10S, R18E, S.L.B.&M.

1618' FSL 1254' FEL



SCALE: 1" = 50'  
DATE: 09-22-00  
Drawn By: D.R.B.



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Elev. Ungraded Ground at Location Stake = 4962.0'  
Elev. Graded Ground at Location Stake = 4961.4'

DIVISION OF OIL, GAS AND MINING

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017

**DOMINION EXPLR. & PROD., INC.**

**TYPICAL CROSS SECTIONS FOR**

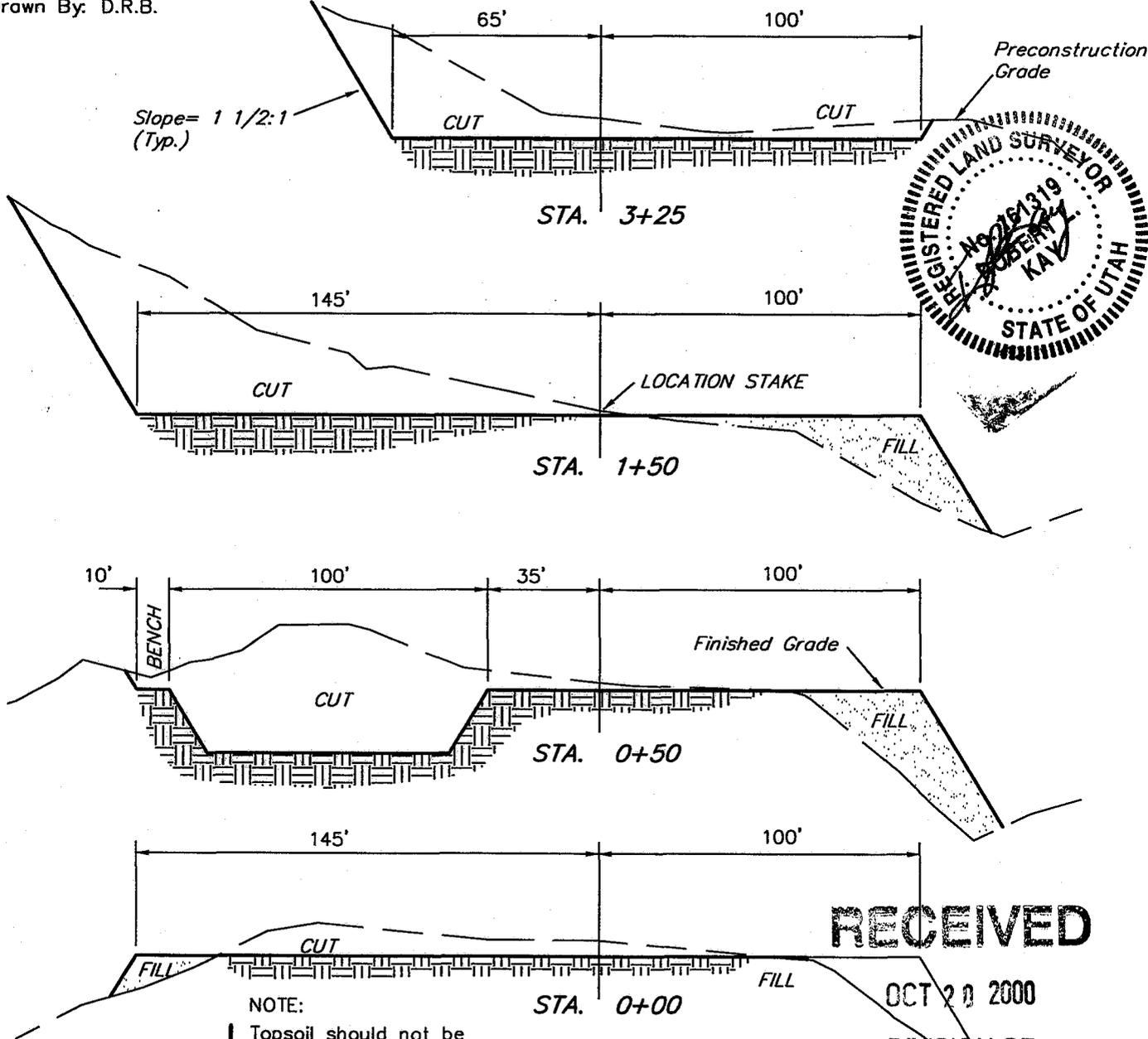
State #9-2D

SECTION 2, T10S, R18E, S.L.B.&M.

1618' FSL 1254' FEL

1" = 20'  
X-Section Scale  
1" = 50'

DATE: 09-22-00  
Drawn By: D.R.B.



NOTE:  
Topsoil should not be Stripped Below Finished Grade on Substructure Area.

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OCT 20 2000  
DIVISION OF OIL, GAS AND MINING

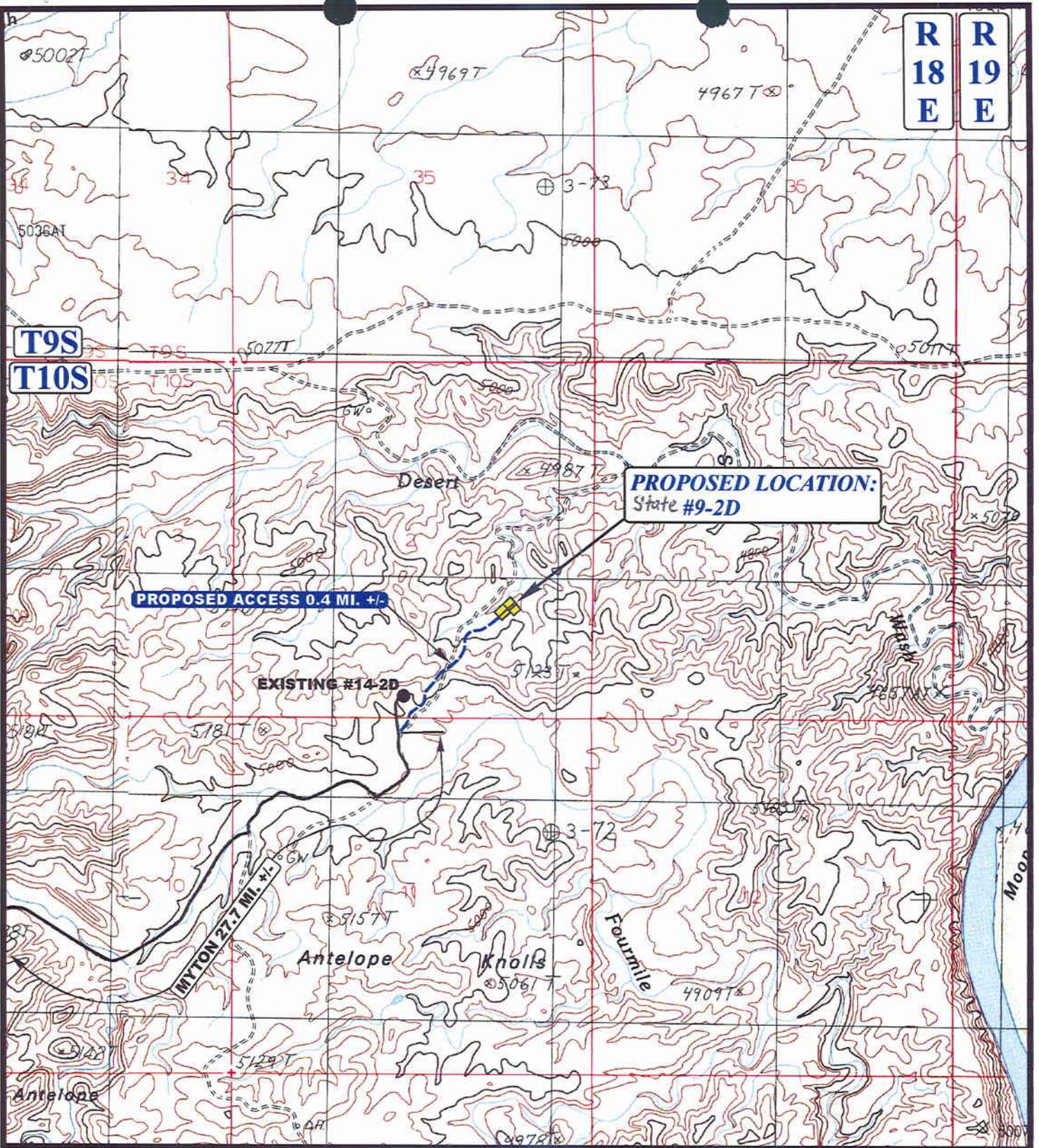
**APPROXIMATE YARDAGES**

<b>CUT</b>	
(6") Topsoil Stripping	= 1,230 Cu. Yds.
Remaining Location	= 10,710 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 11,940 CU.YDS.</b>
<b>FILL</b>	<b>= 3,250 CU.YDS.</b>

EXCESS MATERIAL AFTER 5% COMPACTION	= 8,520 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 2,780 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 5,740 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017





**LEGEND:**

- PROPOSED ACCESS ROAD
- EXISTING ROAD

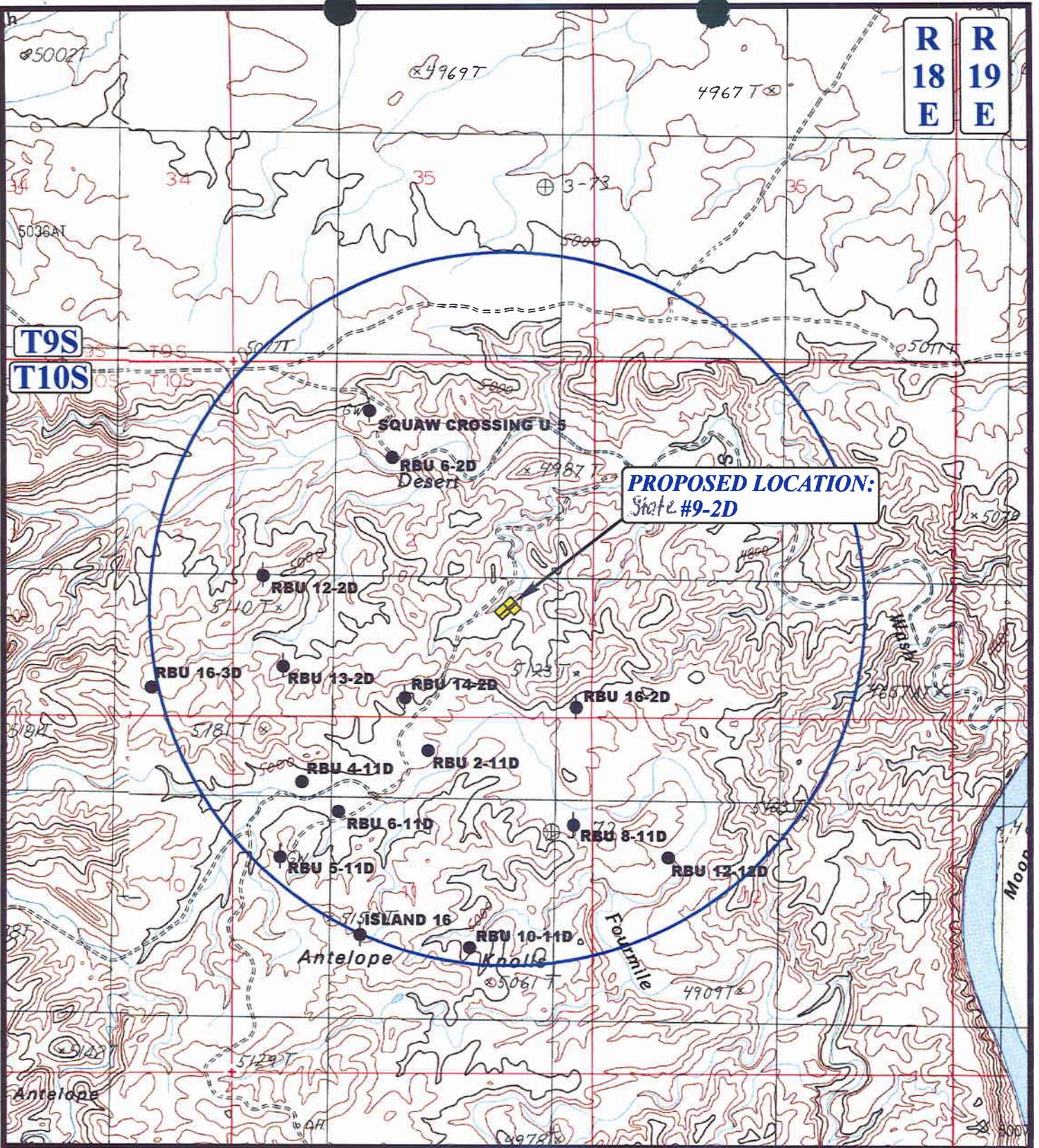
**DOMINION EXPLR. & PROD., INC.**

State #9-2D  
 SECTION 2, T10S, R18E S.L.B.&M.  
 1618' FSL 1254' FEL

**UEIS** Uintah Engineering & Land Surveying  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813



**TOPOGRAPHIC MAP** 9 8 00  
 MONTH DAY YEAR  
 SCALE: 1" = 2000' DRAWN BY: K.G.. REVISED: 00-00-00 **B**  
 TOPO



**LEGEND:**

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

**DOMINION EXPLR. & PROD., INC.**

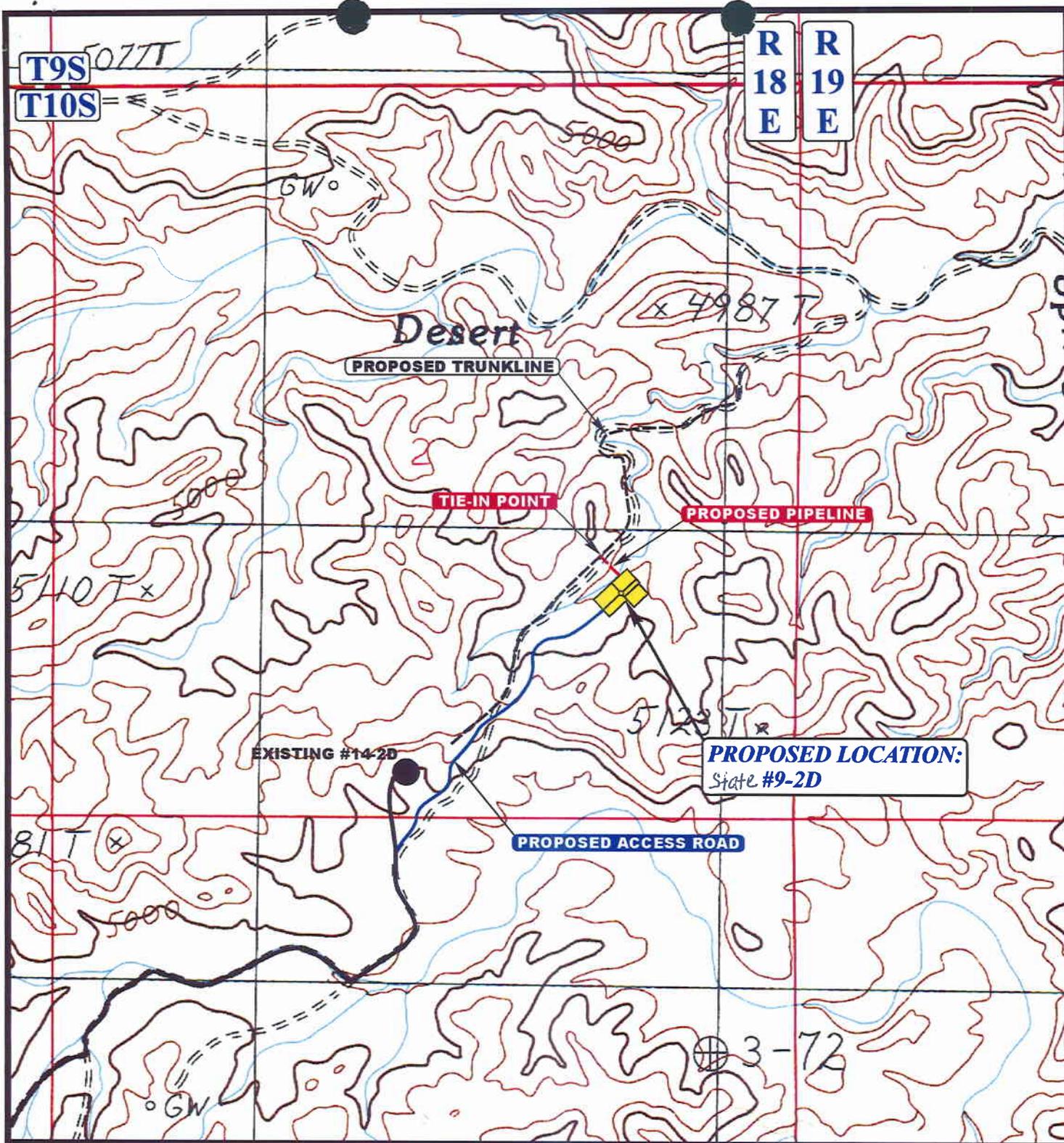
*State #9-2D*  
**SECTION 2, T10S, R18E S.L.B.&M.**  
**1618' FSL 1254' FEL**

**UEIS** Uintah Engineering & Land Surveying  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813



**TOPOGRAPHIC MAP** 9 8 00  
 MONTH DAY YEAR  
 SCALE: 1" = 2000' DRAWN BY: K.G. REVISED: 00-00-00





**APPROXIMATE TOTAL PIPELINE DISTANCE = 200' +/-**

**LEGEND:**

-  EXISTING PIPELINE
-  PROPOSED PIPELINE
-  PROPOSED ACCESS

**DOMINION EXPLR. & PROD., INC.**

*State #9-2D*  
**SECTION 2, T10S, R18E S.L.B.&M.**  
**1618' FSL 1254' FEL**



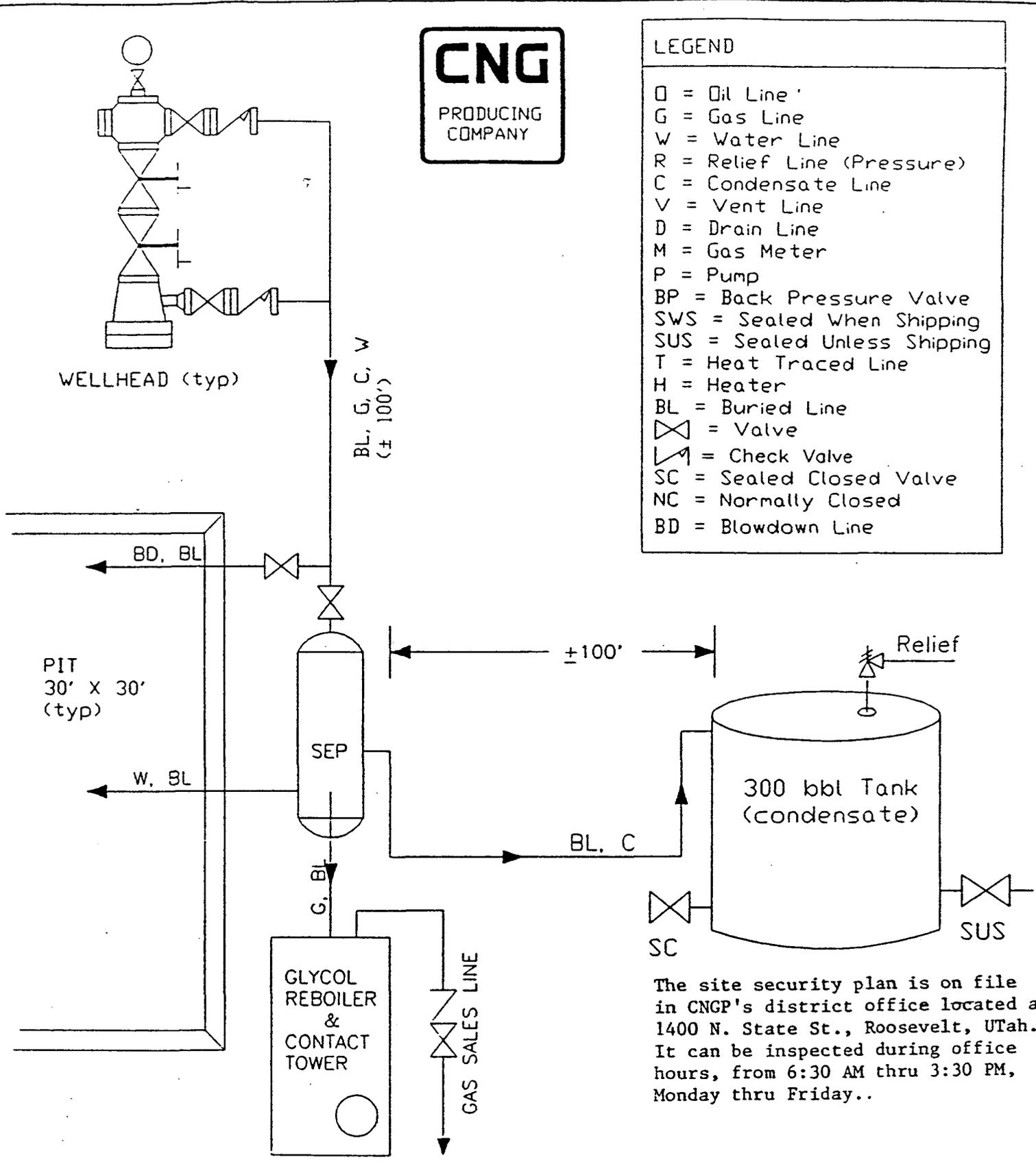
**UEIS** Uintah Engineering & Land Surveying  
 85 South 200 East Vernal, Utah 84078  
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**TOPOGRAPHIC** **9** **8** **00**  
**MAP** MONTH DAY YEAR  
 SCALE: 1" = 1000' DRAWN BY: K.G. REVISED: 00-00-00

**D**  
 TOPO



LEGEND	
	= Oil Line
	= Gas Line
	= Water Line
	= Relief Line (Pressure)
	= Condensate Line
	= Vent Line
	= Drain Line
	= Gas Meter
	= Pump
	= Back Pressure Valve
	= Sealed When Shipping
	= Sealed Unless Shipping
	= Heat Traced Line
	= Heater
	= Buried Line
	= Valve
	= Check Valve
	= Sealed Closed Valve
	= Normally Closed
	= Blowdown Line



The site security plan is on file in CNGP's district office located at 1400 N. State St., Roosevelt, Utah. It can be inspected during office hours, from 6:30 AM thru 3:30 PM, Monday thru Friday..

# CNG PRODUCING COMPANY

Well:	RIVER BEND FIELD, UINTA COUNTY	not to scale
TYPICAL FLOW DIAGRAM		date: / /

**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 10/20/2000

API NO. ASSIGNED: 43-047-33740
--------------------------------

WELL NAME: STATE 9-2D  
 OPERATOR: DOMINION EXPL & PROD ( N1095 )  
 CONTACT: DAVID LINGER

PHONE NUMBER: 281-873-3692

PROPOSED LOCATION:

NESE 02 100S 180E  
 SURFACE: 1618 FSL 1254 FEL  
 BOTTOM: 1618 FSL 1254 FEL  
 UINTAH  
 UTELAND BUTTE ( 695 )

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering	<i>DL</i>	11/15/2000
Geology		4/16/2000
Surface		

LEASE TYPE: 3-State  
 LEASE NUMBER: ML-13215-A  
 SURFACE OWNER: 3-State

PROPOSED FORMATION: MNCS

RECEIVED AND/OR REVIEWED:

Plat  
 Bond: Fed[] Ind[] Sta[3] Fee[]  
 (No. 76S6305036 )  
 Potash (Y/N)  
 Oil Shale (Y/N) \*190 - 5 (B)  
 Water Permit  
 (No. 43-1721 )  
 RDCC Review (Y/N)  
 (Date: \_\_\_\_\_ )  
 Fee Surf Agreement (Y/N)

LOCATION AND SITING:

\_\_\_ R649-2-3. Unit \_\_\_\_\_  
 \_\_\_ R649-3-2. General  
 Siting: \_\_\_\_\_  
 \_\_\_ R649-3-3. Exception  
 \_\_\_ Drilling Unit  
 Board Cause No: \_\_\_\_\_  
 Eff Date: \_\_\_\_\_  
 Siting: \_\_\_\_\_  
 \_\_\_ R649-3-11. Directional Drill

COMMENTS: Need Presite. (11-6-2000)

STIPULATIONS: 1. 13 3/4 + 8 5/4 CASING ANNULUS MUST BE FILLED TO GROUND LEVEL WITH CEMENT.

STATEMENT OF BASIS



**DIVISION OF OIL, GAS AND MINING  
APPLICATION FOR PERMIT TO DRILL  
STATEMENT OF BASIS**

Operator Name: DOMINION EXPLR. & PROD., INC.

Well Name & Number: RBU 9-2D

API Number: 43-047-33740

Location: 1/4,1/4 NE/SE Sec. 2 T. 10S R. 18E

**Geology/Ground Water:**

**Dominion has proposed setting 84 feet of conductor pipe and 3,800 feet of surface casing at this location. The depth to the base of the moderately saline ground water is estimated to be at 2,300 feet. This surface casing should isolate every thing down past the base of the moderately saline ground water. A search of Division of Water Rights records indicates that no water wells are located within a 10,000 foot radius of the center of Section 2. The surface formation at this location is the Uinta Formation. The Uinta Formation is made up of interbedded sandstones and shales. The sandstones are not generally continuous over a large area and should not constitute a significant aquifer. The proposed surface casing should adequately protect any useable ground water.**

Reviewer: Brad Hill

Date: 11/15/2000

**Surface:**

**The pre-drill investigation of the surface was performed on 11/6/00. Surface owner is State of Utah. S.I.T.L.A. and D.W.R. were notified of this investigation on 11/1/2000. Neither had a representative present. Site appears to be the best spot for a location in the immediate area. Existing drainage northwest of site should not be impacted by location construction.**

Reviewer: David W. Hackford

Date: 11/13/2000

**Conditions of Approval/Application for Permit to Drill:**

None.

**ON-SITE PREDRILL EVALUATION**  
**Division of Oil, Gas and Mining**

**OPERATOR:** DOMINION EXPLR. & PROD., INC.

**WELL NAME & NUMBER:** RBU 9-2D

**API NUMBER:** 43-047-33740

**LEASE:** ML-13215-A **FIELD/UNIT:** NATURAL BUTTES

**LOCATION:** 1/4, 1/4 NE/SE SEC: 2 TWP: 10S RNG: 18E  
1254' F E L 1618' F S L

**LEGAL WELL SITING:** Statewide 400 foot window in center of 40  
acre tract and no closer than 920 feet from  
another well

**GPS COORD (UTM):** 12597703E 4425073N

**SURFACE OWNER:** STATE OF UTAH

**PARTICIPANTS:** MITCH HALL, GARY DYE, (DOMINION). DAVID HACKFORD,  
(DOGM). THREE DIRT CONTRACTORS. ROBERT KAY, (U.E.L.S.).

**REGIONAL/LOCAL SETTING & TOPOGRAPHY:**

SITE IS IN A SHALLOW BOWL WITH ROCKY RIDGES ALL DIRECTIONS EXCEPT  
NORTHEAST. A DRY WASH RUNS NORTHEAST 0.6 MILES WHERE IT RUNS  
INTO DESERT SPRING WASH.

**SURFACE USE PLAN:**

CURRENT SURFACE USE: WILDLIFE AND LIVESTOCK GRAZING.  
HUNTING.

PROPOSED SURFACE DISTURBANCE: LOCATION WOULD BE 325' BY 235'  
AND 0.4 MILES OF NEW ACCESS ROAD.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: SEE  
ATTACHED MAP FROM GIS DATABASE

LOCATION OF PRODUCTION FACILITIES AND PIPELINES:  
ALL PRODUCTION FACILITIES WILL BE ON LOCATION AND ADDED  
AFTER DRILLING WELL. PROPOSED PIPELINE WILL RUN TO THE  
NORTHEAST AND TIE INTO ANOTHER PROPOSED LINE IN DESERT  
SPRING WASH 0.6 MILES AWAY.

SOURCE OF CONSTRUCTION MATERIAL: ALL CONSTRUCTION MATERIAL  
WILL BE BORROWED FROM SITE DURING CONSTRUCTION OF LOCATION.

ANCILLARY FACILITIES: NONE WILL BE REQUIRED.

**WASTE MANAGEMENT PLAN:**

DRILLED CUTTINGS WILL BE SETTLED INTO RESERVE PIT. LIQUIDS FROM PIT WILL BE ALLOWED TO EVAPORATE. FORMATION WATER WILL BE CONFINED TO STORAGE TANKS. SEWAGE FACILITIES, STORAGE AND DISPOSAL WILL BE HANDLED BY COMMERCIAL CONTRACTOR. TRASH WILL BE CONTAINED IN TRASH BASKETS AND HAULED TO AN APPROVED LAND FILL.

**ENVIRONMENTAL PARAMETERS:**

AFFECTED FLOODPLAINS AND/OR WETLANDS: NONE

FLORA/FAUNA: NATIVE GRASSES, GREASEWOOD, SALTBRUSH, PRICKLY PEAR, SHADSCALE: RODENTS, COYOTES, SONGBIRDS, RAPTORS, PRONGHORN.

SOIL TYPE AND CHARACTERISTICS: LIGHT BROWN SANDY CLAY WITH REDDISH BROKEN SHALE ROCKS.

EROSION/SEDIMENTATION/STABILITY: VERY LITTLE NATURAL EROSION. SEDIMENTATION AND STABILITY ARE NOT A PROBLEM AND LOCATION CONSTRUCTION SHOULDN'T CAUSE ANY INCREASE IN STABILITY OR EROSION PROBLEMS.

PALEONTOLOGICAL POTENTIAL: NONE OBSERVED.

**RESERVE PIT:**

CHARACTERISTICS: 100' BY 140' AND 8' DEEP.

LINER REQUIREMENTS (Site Ranking Form attached):  
A LINER WILL NOT BE REQUIRED FOR RESERVE PIT.

**SURFACE RESTORATION/RECLAMATION PLAN:**

AS PER SITLA.

**SURFACE AGREEMENT: AS PER SITLA.**

**CULTURAL RESOURCES/ARCHAEOLOGY: SITE HAS BEEN INSPECTED BY A.E.R.C. A COPY OF THIS REPORT WILL BE PLACED ON FILE.**

**OTHER OBSERVATIONS/COMMENTS:**

THE PRE-DRILL INVESTIGATION TOOK PLACE ON A COOL, BREEZY DAY.

**ATTACHMENTS:**

PHOTOS OF SITE WILL BE PLACED ON FILE.

DAVID W. HACKFORD  
**DOGM REPRESENTATIVE**

11/6/00 10:30AM  
**DATE/TIME**

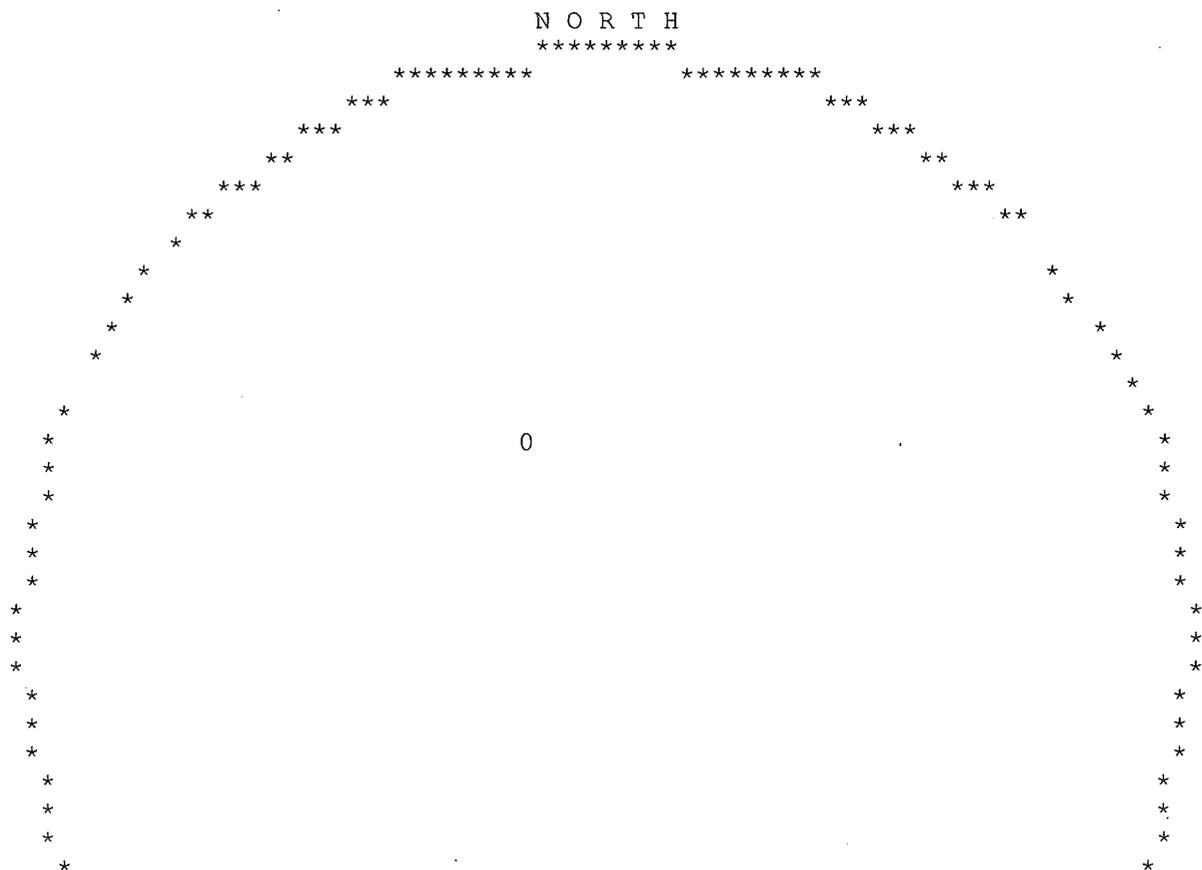
Evaluation Ranking Criteria and Ranking Score  
For Reserve and On-site Pit Liner Requirements

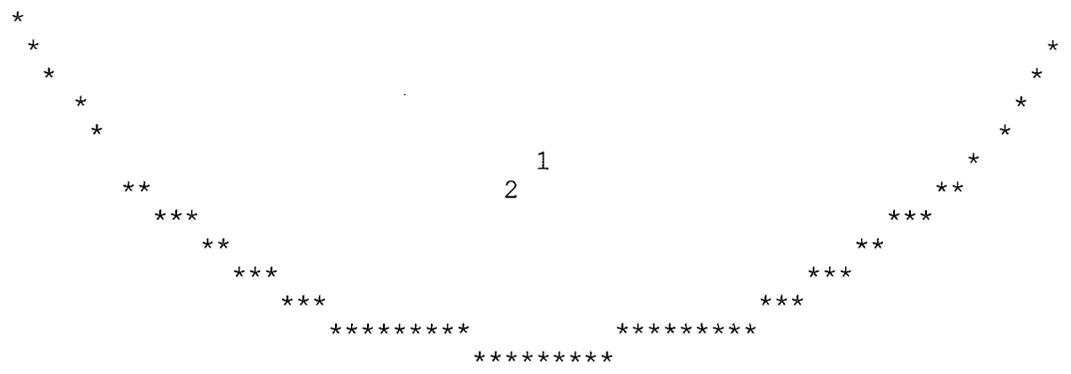
<u>Site-Specific Factors</u>	<u>Ranking</u>	<u>Site Ranking</u>
<b>Distance to Groundwater (feet)</b>		
>200	0	
100 to 200	5	
75 to 100	10	
25 to 75	15	
<25 or recharge area	20	<u>5</u>
<b>Distance to Surf. Water (feet)</b>		
>1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200	15	
< 100	20	<u>0</u>
<b>Distance to Nearest Municipal Well (feet)</b>		
>5280	0	
1320 to 5280	5	
500 to 1320	10	
<500	15	<u>0</u>
<b>Distance to Other Wells (feet)</b>		
>1320	0	
300 to 1320	10	
<300	20	<u>0</u>
<b>Native Soil Type</b>		
Low permeability	0	
Mod. permeability	10	
High permeability	20	<u>0</u>
<b>Fluid Type</b>		
Air/mist	0	
Fresh Water	5	
TDS >5000 and <10000	15	
TDS >10000 or Oil Base	20	
Mud Fluid containing high levels of hazardous constituents		<u>5</u>
<b>Drill Cuttings</b>		
Normal Rock	0	
Salt or detrimental	10	<u>0</u>
<b>Annual Precipitation (inches)</b>		
<10	0	
10 to 20	5	
>20	10	<u>0</u>
<b>Affected Populations</b>		
<10	0	
10 to 30	6	
30 to 50	8	
>50	10	<u>0</u>
<b>Presence of Nearby Utility Conduits</b>		
Not Present	0	
Unknown	10	
Present	15	<u>0</u>
<b>Final Score</b>		<u>10</u>

UTAH DIVISION OF WATER RIGHTS  
WATER RIGHT POINT OF DIVERSION PLOT CREATED WED, NOV 15, 2000, 10:59 AM  
PLOT SHOWS LOCATION OF 3 POINTS OF DIVERSION

PLOT OF AN AREA WITH A RADIUS OF 10000 FEET FROM A POINT  
FEET, FEET OF THE CT CORNER,  
SECTION 2 TOWNSHIP 10S RANGE 18E SL BASE AND MERIDIAN

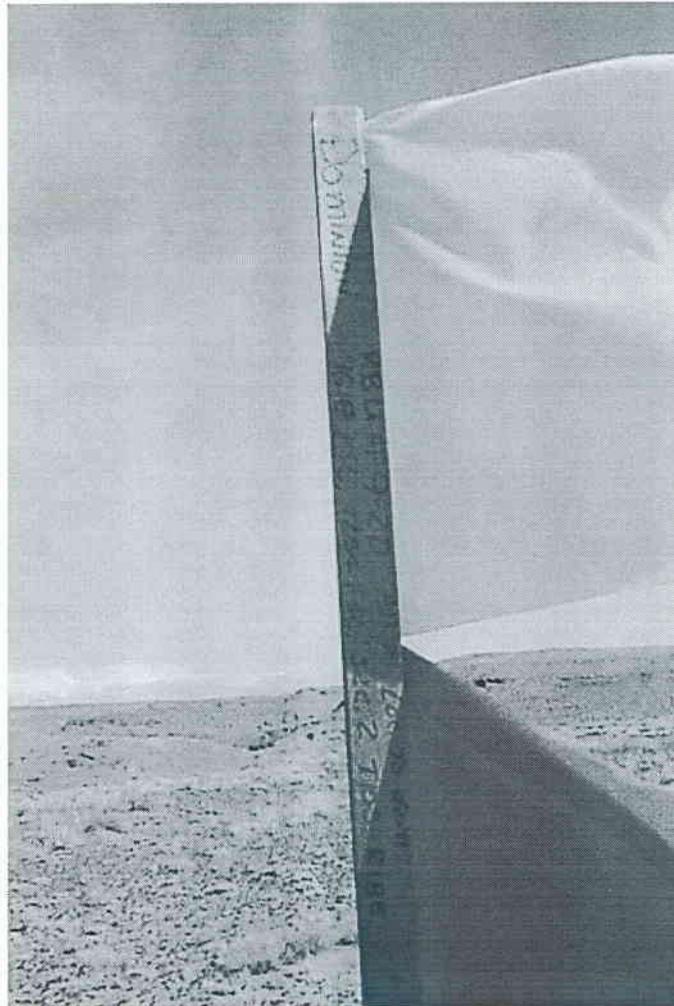
PLOT SCALE IS APPROXIMATELY 1 INCH = 4000 FEET



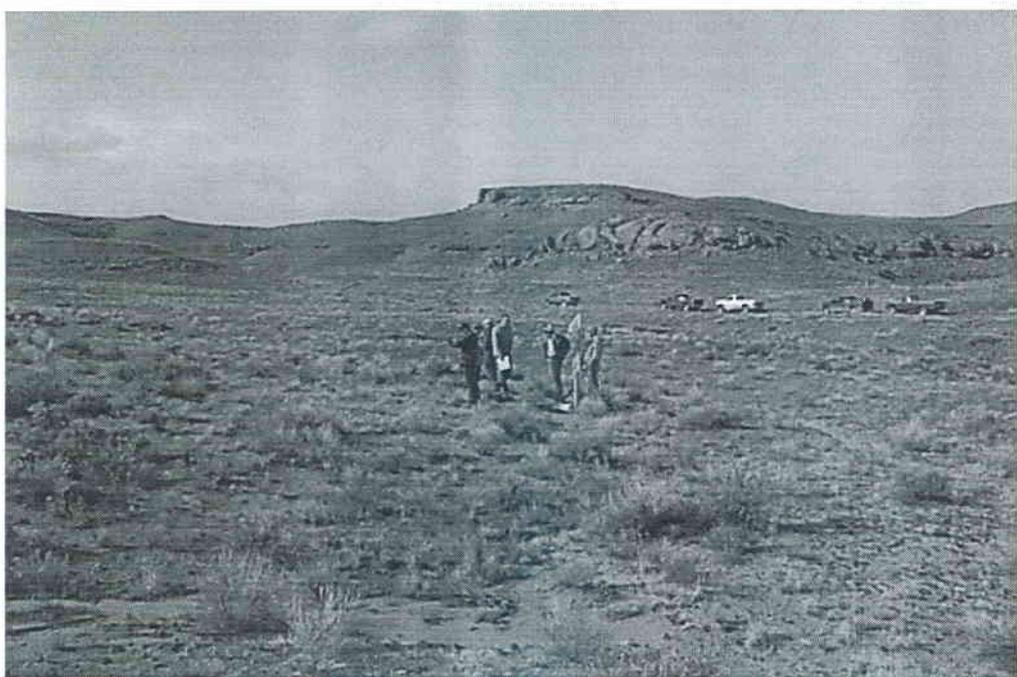


UTAH DIVISION OF WATER RIGHTS  
 NWPLAT POINT OF DIVERSION LOCATION PROGRAM

MAP CHAR	WATER RIGHT	QUANTITY CFS AND/OR AC-FT	SOURCE DESCRIPTION or WELL INFO DIAMETER DEPTH YEAR LOG	POINT OF DIVERSION DESCRIPTION NORTH EAST CNR SEC TWN RNG B&M
0	47 1687	.0000 .12	Unnamed tributary	N 780 E 1302 SW 35 9S 18E SL
			WATER USE(S): STOCKWATERING	PRIORITY DATE: 08/27/198
			USA Bureau of Land Management (Vernal Di 170 South 500 East	Vernal
1	47 1529	.0000 1.80	Unnamed Dry Wash	N 1094 W 91 S4 11 10S 18E SL
			WATER USE(S): STOCKWATERING OTHER	PRIORITY DATE: 06/22/197
			USA Bureau of Land Management 2370 South 2300 West	Salt Lake City
2	47 1579	.0000 .00	unnamed stream	
			WATER USE(S): STOCKWATERING	PRIORITY DATE: 00/00/188
			USA Bureau of Land Management 170 South 500 East	Vernal



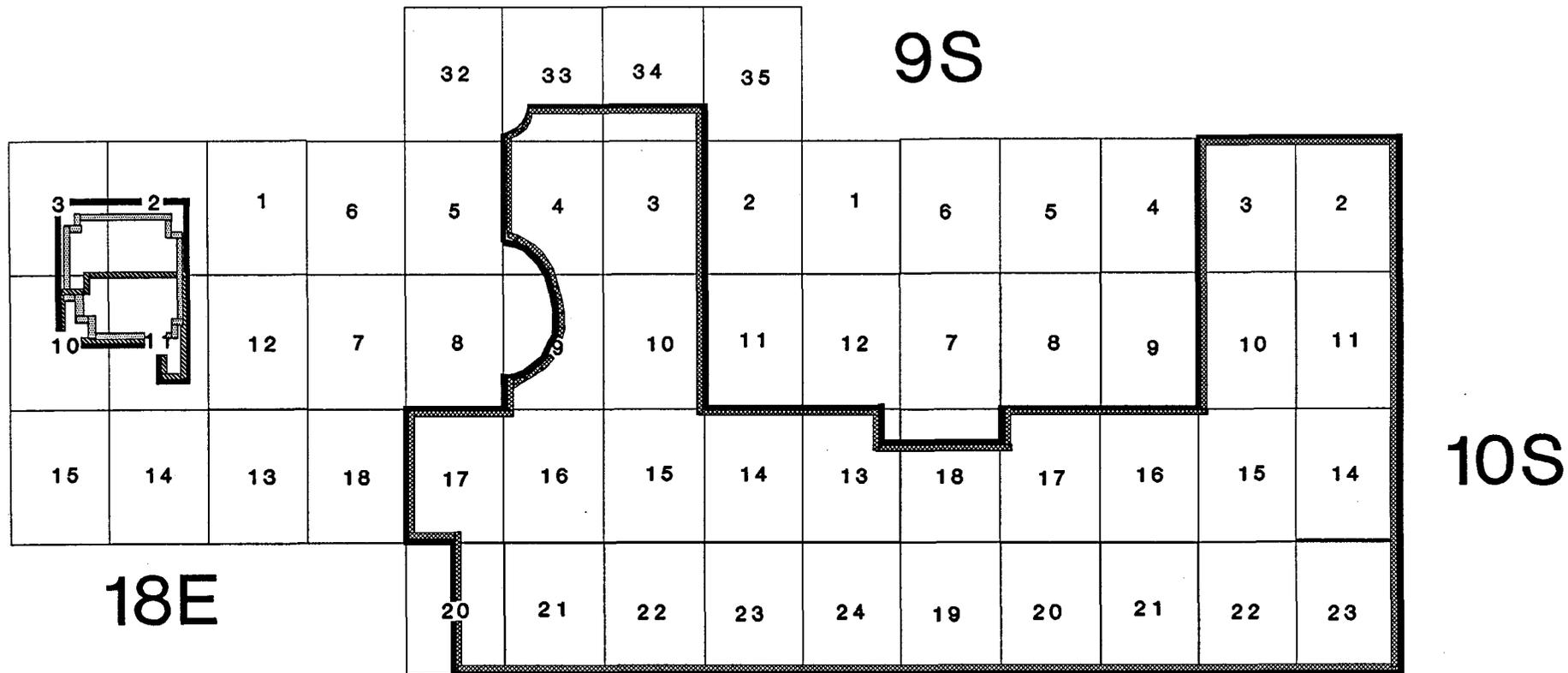






# RIVERBEND UNIT

## Uintah County, Utah



EFFECTIVE: MARCH 21, 1977

19E

20E

- UNIT OUTLINE (UTU63054X)
- WASATCH-MESAVERDE PA "A-B"
- WASATCH-MESAVERDE PA "C"
- GREEN RIVER PA "A"

AS EXPANDED OCTOBER 1, 1998

18,320.88 ACRES

WSTC-MSVD PA "A-B" ALLOCATION	
FEDERAL	88.2885%
STATE	8.7368%
INDIAN	2.9747%
17,480.88 Acres	

WSTC-MSVD PA "C" ALLOCATION	
FEDERAL	100.00%
400.00 Acres	

GREEN RIVER PA "A" ALLOCATION	
FEDERAL	73.0159%
STATE	26.9841%
630.00 Acres	

Well name:	<b>11-00 DOMINION STATE 9-2D</b>	
Operator:	<b>DOMINION</b>	Project ID:
String type:	Surface	43-047-33740
Location:	Uintah County	

**Design parameters:**

**Collapse**  
Mud weight: 8.330 ppg  
Design is based on evacuated pipe.

**Burst**  
Max anticipated surface pressure: 0 psi  
Internal gradient: 0.468 psi/ft  
Calculated BHP: 39 psi  
No backup mud specified.

**Minimum design factors:**

**Collapse:**  
Design factor: 1.125

**Burst:**  
Design factor: 1.00

**Tension:**  
8 Round STC: 1.80 (J)  
8 Round LTC: 1.80 (J)  
Buttress: 1.60 (J)  
Premium: 1.50 (J)  
Body yield: 1.50 (B)

Tension is based on buoyed weight.  
Neutral point: 74 ft

**Environment:**

H2S considered? No  
Surface temperature: 75 °F  
Bottom hole temperature: 76 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 84 ft

Cement top: Surface

Non-directional string.

**Re subsequent strings:**

Next setting depth: 7,500 ft  
Next mud weight: 9,000 ppg  
Next setting BHP: 3,506 psi  
Fracture mud wt: 19,250 ppg  
Fracture depth: 7,500 ft  
Injection pressure: 7,500 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ( )
1	84	13.375	54.50	K-55	ST&C	84	84	12.49	1468

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	36	1130	31.087	39	2735	69.63	4	547	99.99 J

Prepared by: M. HEBERTSON  
Utah Div. of Oil & Mining

Date: November 15, 2000  
Salt Lake City, Utah

**ENGINEERING STIPULATIONS: NONE**

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.  
Collapse is based on a vertical depth of 84 ft, a mud weight of 8.33 ppg. The casing is considered to be evacuated for collapse purposes.  
In addition, burst strength is biaxially adjusted for tension.

*Engineering responsibility for use of this design will be that of the purchaser.*

Well name:

11-00 DOMINION STATE 9-2D

Operator: **DOMINION**  
String type: Intermediate

Project ID:  
43-047-33740

Location: Uintah County

**Design parameters:**

**Collapse**

Mud weight: 8.330 ppg  
Design is based on evacuated pipe.

**Minimum design factors:**

**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No  
Surface temperature: 75 °F  
Bottom hole temperature: 128 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 84 ft

Cement top: Surface

**Burst**

Max anticipated surface pressure: 0 psi  
Internal gradient: 0.468 psi/ft  
Calculated BHP 1,777 psi

No backup mud specified.

**Tension:**

8 Round STC: 1.80 (J)  
8 Round LTC: 1.80 (J)  
Buttress: 1.60 (J)  
Premium: 1.50 (J)  
Body yield: 1.50 (B)

Tension is based on buoyed weight.  
Neutral point: 3,333 ft

Non-directional string.

**Re subsequent strings:**

Next setting depth: 7,500 ft  
Next mud weight: 9.000 ppg  
Next setting BHP: 3,506 psi  
Fracture mud wt: 19.250 ppg  
Fracture depth: 7,500 ft  
Injection pressure 7,500 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ( )
1	3800	8.625	28.00	K-55	ST&C	3800	3800	7.892	38304

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	1644	1880	1.143 ✓	1777	3392	1.91 ✓	93	414	4.44 ✓

Prepared M. HEBERTSON  
by: Utah Div. of Oil & Mining

Date: November 15,2000  
Salt Lake City, Utah

ENGINEERING STIPULATIONS: NONE

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.  
Collapse is based on a vertical depth of 3800 ft, a mud weight of 8.33 ppg The casing is considered to be evacuated for collapse purposes.  
In addition, burst strength is biaxially adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	<b>11-00 DOMINION STATE 9-2D</b>		
Operator:	<b>DOMINION</b>	Project ID:	43-047-33740
String type:	Production		
Location:	Uintah County		

**Design parameters:**

**Collapse**

Mud weight: 8.330 ppg  
 Design is based on evacuated pipe.

**Burst**

Max anticipated surface pressure: 0 psi  
 Internal gradient: 0.433 psi/ft  
 Calculated BHP: 5,409 psi

No backup mud specified.

**Minimum design factors:**

**Collapse:**

Design factor: 1.125

**Burst:**

Design factor: 1.00

**Tension:**

8 Round STC: 1.80 (J)  
 8 Round LTC: 1.80 (J)  
 Buttress: 1.60 (J)  
 Premium: 1.50 (J)  
 Body yield: 1.50 (B)

Tension is based on buoyed weight.  
 Neutral point: 10,921 ft

**Environment:**

H2S considered? No  
 Surface temperature: 75 °F  
 Bottom hole temperature: 250 °F  
 Temperature gradient: 1.40 °F/100ft  
 Minimum section length: 250 ft

Cement top: 689 ft

Non-directional string.

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ( )
1	12500	5.5	17.00	P-110	LT&C	12500	12500	4.767	104790

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	5409	7480	1.383	5409	10640	1.97	186	445	2.40 J

Prepared by: M. HEBERTSON  
 Utah Div. of Oil & Mining

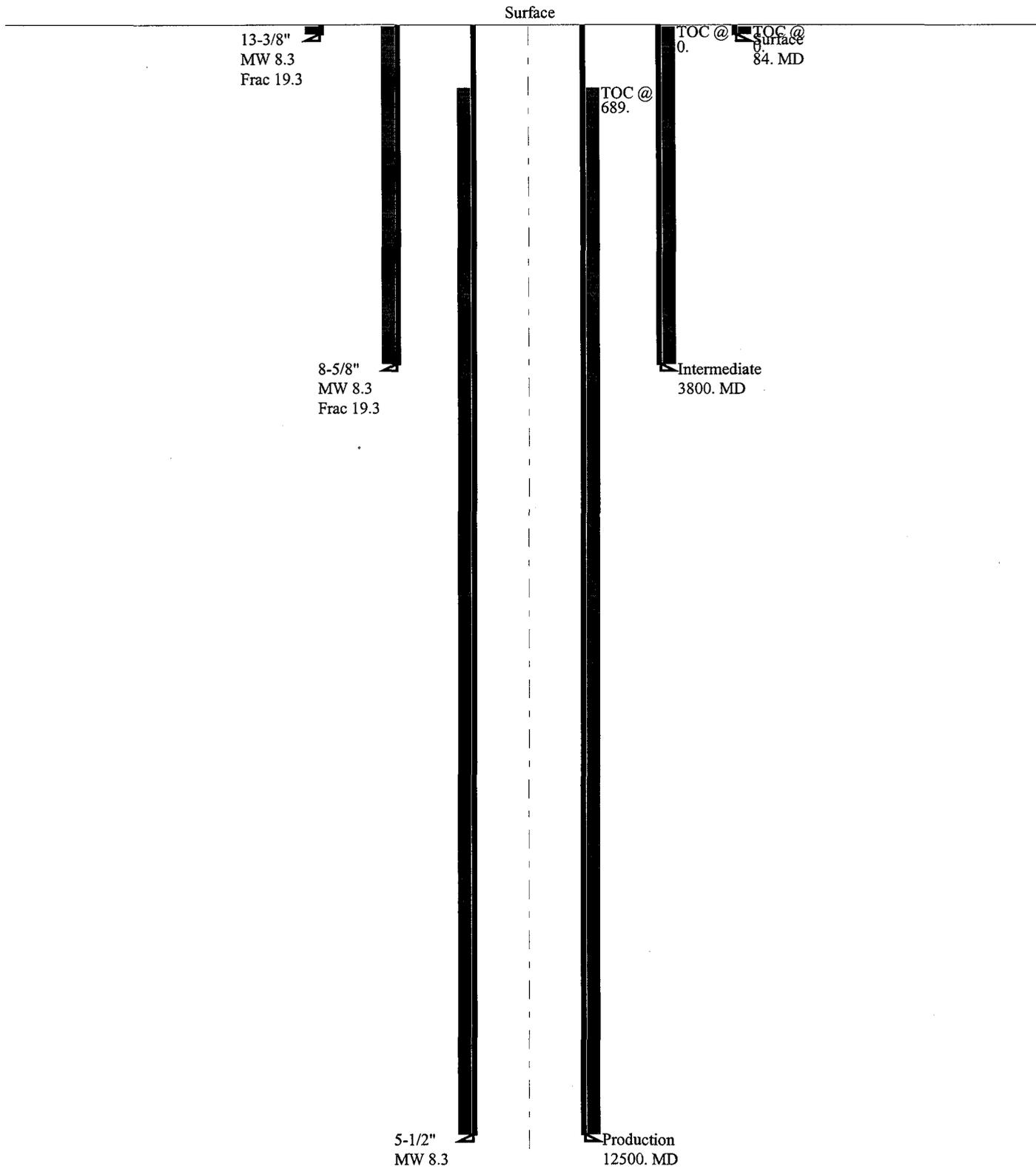
Date: November 15, 2000  
 Salt Lake City, Utah

ENGINEERING STIPULATIONS: NONE  
 Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.  
 Collapse is based on a vertical depth of 12500 ft, a mud weight of 8.33 ppg. The casing is considered to be evacuated for collapse purposes.  
 In addition, burst strength is biaxially adjusted for tension.

*Engineering responsibility for use of this design will be that of the purchaser.*

# 11-00 DOMINION STATE 9-2D

## Casing Schematic





October 27, 2000

Utah Board of Oil, Gas & Mining  
1594 West North Temple, Suite 1210  
Salt Lake City, Utah 84114-5801

Attention: Lisha Cordova

RE: Rule 649-3-2  
Exception to Location & Siting of Well

Dominion Expl. & Prod., Inc. is requesting exception to Rule 649-3-2 for the following wells, due to topography.

State 1-2D    Sec. 2-T10S-R18E  
State 9-2D    Sec. 2-T10S-R18E  
RBU 3-12D    Sec. 12-T10S-R18E

Each of the above referenced wells is greater than 920' from an existing well. Dominion Expl. & Prod., Inc. is the only operator within a 460' radius for each of these wells. The State of Utah is the surface owner for each well with the exception of RBU 3-12D which is owned by the Bureau of Land Management.

If you require additional information please contact me at (281) 873-3692. Thank you for your attention to this matter.

Sincerely,

**DOMINION EXPL. & PROD., INC.**

Diann Flowers  
E&P Regulatory Specialist

Cc: Ed Forsman – BLM  
David Linger  
Mitch Hall  
Robin Adams

RECEIVED

OCT 28 2000

DIVISION OF  
OIL, GAS AND MINING

Dominion Exploration & Production, Inc.  
Four Greenspoint Plaza  
16945 Northchase Drive, Suite 1750, Houston, TX 77060-2133



November 10, 2000

State of Utah  
Department of Natural Resources  
Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, Utah 84114-5801

Attention: Lisha Cordova

RE: 13-Point Surface Use Program

Attached are an original with two copies of the conditions of approval for the surface use program for each of the following wells:

State 7-36A  
State 1-2D  
State 9-2D

**Dominion Expl. & Prod., Inc. is requesting that each application and it's attachments be held confidential.**

If you require additional information, please contact me at 281/873-3692. Thank you for your assistance in this matter.

Sincerely,

**DOMINION EXPL. & PROD., INC.**

A handwritten signature in cursive script that reads "Diann Flowers".

Diann Flowers  
E&P Regulatory Specialist

Cc: Bureau of Land Management -Vernal  
Mitch Hall  
David Linger  
Joan Elterman  
Well File

**RECEIVED**

NOV 13 2000

DIVISION OF  
OIL, GAS AND MINING

Revised November 1990

Date NOS Received:

**RECEIVED**

NOV 13 2000

**DIVISION OF  
OIL, GAS AND MINING**

CONDITIONS OF APPROVAL  
FOR THE SURFACE USE PROGRAM OF THE  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Dominion Exploration & Production, Inc.

Well Name & Number: State 9-2D

Lease Number: ML-13215-A

Location: NE Sec. 2 T. 10S R. 18E

Surface Ownership: State of Utah

**NOTIFICATION REQUIREMENTS**

- Location Construction - forty-eight (48) hours prior to construction of location and access roads.
- Location Completion - prior to moving on the drilling rig.
- Spud Notice - at least twenty-four (24) hours prior to spudding the well.
- Casing String and Cementing - twenty-four (24) hours prior to running casing and cementing all casing strings.
- BOP and Related - twenty-four (24) hours prior to initiating pressure Equipment Tests tests.
- First Production Notice - within five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

**B. THIRTEEN POINT SURFACE USE PROGRAM:**

Multipoint Requirement to Accompany APD

1. Existing Roads - describe the following and provide a legible map, labeled and showing:
  - a. Proposed wellsite as staked and access route to location, including distances from point where access route exists establish roads. (Actual staking should include tow directional reference stakes.) The proposed well site is located approximately 28.7 miles southeast of Myton, Utah.
  - b. Route and distance from nearest town or locatable reference point, such as a highway or county road, to where well access route leaves main road. - From Roosevelt, proceed west on Highway 40 to Myton. Turn south on Myton Road and proceed about 19.3 miles then proceeding east approximately 8.4 miles to access road.

- c. Access road(s) to location color-coded or labeled. (See Topographic Map A & B for details.)
  - d. Plans for improvement and/or maintenance of existing roads. (Appropriate rights-of-way for off lease roads should be attached.)
2. Planned Access Roads--describe the following and provide a map of suitable scale indicating all necessary access roads (permanent and temporary) to be constructed or reconstructed, showing:
- a. Length - 0.4 miles
  - b. Width - 30 foot right-of-way with 18 foot running surface maximum.
  - c. Maximum grades - None
  - d. Turnouts - None
  - e. Drainage design - Bore Pits
  - f. Location and size of culverts and/or bridges, and brief description of any major cuts and fills - None
  - g. Surfacing material (source) - None
  - h. Necessary gates, cattleguards, or fence cuts and/or modification to existing facilities - None
- (New or reconstructed roads are to be centerline-flagged at time of location staking.)

All travel will be confined to existing access road right-of-way.

Access roads and surface disturbing activities will conform to standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, (1989).

The road shall be constructed/upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Construction/upgrading shall include ditching, draining, graveling, crowning, and capping the roadbed as necessary to provide a well constructed and safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot right-of-way will not be allowed. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided.

Right-of-Way Application needed: No

The operator/lessee or his/her successor shall be responsible for all maintenance on cattleguards or gates associated with this oil and/or gas operation.

3. Location of Existing Wells - describe the following and provide a map or plat of all wells within a 1 mile radius of the proposed well location showing and identifying existing:
- a. Water wells - None

- b. Abandoned wells - None
- c. Temporarily abandoned wells - None
- d. Disposal wells - None
- e. Drilling wells - None
- f. Producing wells - RBU 6-2D, RBU 16-3D, RBU 4-11D, RBU 2-12D, RBU 6-11 D, RBU 12-12D, and RBU 10-11D
- g. Shut-in wells – Island 16, RBU 8-11D, RBU 5-11D, RBU 16-2D, RBU 13-2D, RBU 14-2D RBU 12-2D and Squaw Crossing U 5
- h. Injection wells - None

4. Location of Existing and/or Proposed Facilities

- a. On well pad: Show the following existing area facilities and dimensions to be utilized if the well is successfully completed for production (detail painting plans and color if applicable):

- (1) Tank batteries
- (2) Production facilities
- (3) Oil gathering lines
- (4) Gas gathering lines
- (5) Injection lines
- (6) Disposal lines
- (7) Surface pits - After the well is hydraulically fraced, the well will be flowed back into the surface pits. After first production, a 300 bbl tank will be installed to contain produced waste water. Plans are to run a 2" line from the separator to the 300 bbl tank.

\_\_\_(Indicate if any of the above lines are buried.)

- b. Off well pad: Same as above. Off lease flowlines may require rights-of-way or special use permits, check with the District Office Realty Specialist. (Include a diagram of the proposed attendant lines, i.e., flowlines, powerlines, etc., if off well pad location.)

- (1) Proposed location and attendant lines shall be flagged off of well pad prior to archaeological clearance.
- (2) Dimensions of facilities
- (3) Construction methods and materials
- (4) Protective measures and devices to protect livestock and wildlife

Note: Operator has option of submitting information under 4A and B, after well is completed for production, by applying for approval of subsequent operations.

If storage facilities/tank batteries are constructed on this lease, the facility/battery or the well pad shall be surrounded by a containment dike of sufficient capacity to contain, at a minimum, the entire content of the largest tank within the facility/battery, unless more stringent protective requirements are deemed necessary by the authorized officer.

Tank batteries will be placed on the     NW Stake #1 & #2  
All permanent (on site for six months or longer) structures constructed or installed (including pumping units) will be painted a flat, non-reflective, earthtone color to match on of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within 6 months of installation. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

The required paint color is Desert Brown.

If at any time the facilities located on public land and authorized by the terms of the lease are no longer included in the lease (due to a contraction in the unit or other lease or unit boundary change), BLM will process a change in authorization to the appropriate statute. The authorization will be subject to appropriate rental or other financial obligation as determined by the authorized officer.

5. Location and Type of Water Supply

- a. Show location and type of water supply, either by 1/4, 1/4 section on a map or by written description Sec. 34-T3S-R2W; Permit No. 43-1721.
- b. State method of transporting water, and show any roads or pipelines needed.
- c. If water well is to be drilled on lease, so state.  
\*The operator will be responsible for acquiring the necessary permit to obtain water to be used for drilling activities.

6. Source of Construction Materials

- a. Show information either on map or by written description - Surface and subsoil materials in the immediate area will be utilized to build the location
- b. Identify if from Federal or Indian (tribal or allotted) land. The use of materials under BLM jurisdiction will conform with 43 CFR 3610.2.3. Construction material will not be located on lease.
- c. Describe where materials such as sand, gravel, stone, and soil material are to be obtained and used. No construction materials will be removed from Federal land.

\*If fill materials are needed to construct roads or well sites, proper permits must be obtained from the Surface Management Agency, unless materials are obtained from a private source.

\*A mineral materials application (is/is not) required.

7. Methods of Handling Waste Disposal

- a. Describe methods and location of proposed safe containment and disposal of each type of waste material, including:
  - (1) Cuttings - bury in pit
  - (2) Sewage - haul to sewer lagoon
  - (3) Garbage (trash) and other waste material - haul to disposal
  - (4) Salts - not used
  - (5) Chemicals - non-toxic only; evaporate in pit

After first production, produced waste water will be confined to an unlined or lined pit or storage tank for a period not to exceed ninety (90) days. During the 90 day period, in accordance with Onshore Order No. 7, an application for approval of a permanent disposal method and location, along with the required water analysis, will be submitted for the AO's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance.

- b. Provide a plan for eventual disposal of drilling fluids and any produced oil or water recovered during testing operations. Haul off

All fluids will be hauled off by Ace Disposal & MCMC for disposal.

\*Burning will not be allowed. All trash must be contained in a trash cage and hauled away to an approved disposal site at the completion of the drilling activities.

- c. No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of wells with the NBU. Furthermore, extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will not be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of wells within the NBU. Specific APDs shall address any modifications from this policy.

On BLM administered lands:

The reserve pit shall be constructed so as not to leak, break, or allow discharge.

The reserve pit shall be lined with a 12 mil pit liner only under the following conditions:

1. If we have to blast the pit, or
2. If the non-blasted pit will not hold fluid.

If these conditions do not exist, we will not line the pit.

If a plastic nylon reinforced liner is used, it will be a minimum of 12 mil in thickness.

After first production, produced waste water will be confined to a lined pit or storage tank for a period not to exceed ninety (90) days. During the 90 day period, in accordance with NTL-2B, an application for approval of a permanent disposal method and location, along with required water analysis, shall be submitted for the AO's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance.

8. Ancillary Facilities

Camp facilities or airstrips will not be allowed unless otherwise approved.

9. Well Site Layout--provide a plat (not less than 1" = 50') showing:

- a. Cross-sections of proposed drill pad with approximate cuts and fills and the relation to topography.
- b. Location of mud tanks, reserve, and flare pits, pipe racks, living facilities, and soil material stockpiles, etc. (Approval as used in this section means field approval of location.)
- c. Rig orientation, parking areas, and access roads, etc.

The reserve pit will be located on the: SW stake #4 & #5

The flare pit will be located downwind of the prevailing wind direction on the SW stake #5 a minimum of 100 feet from the well head and 30 feet from the reserve pit fence.

The stockpiled topsoil (first four inches) will be stored on the: around edge of location

Access to the well pad will be from the: SE stake #7 & #8  
Diversion ditch(es) shall be constructed on the \_\_\_\_\_ side of the location.  
(above/below) the cut slope drainage to the \_\_\_\_\_.

Soil compacted earthen berm(s) shall be placed on the \_\_\_\_\_ side(s) of the location between the \_\_\_\_\_.

The drainage(s) shall be diverted around the \_\_\_\_\_ side(s) of the well pad location.

The reserve pit and/or pad location shall be constructed long and narrow for topographic reasons \_\_\_\_\_.

The NW corner of the well pad will be rounded off as needed.

### Fencing Requirements

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

- a. 39-inch net wire shall be used with at least one stand of barbed 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 feet.
- e. All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The reserve pit fencing will be on three sides during drilling operations and on the fourth side when the rig moves off the location. Pits will be fenced and maintained until clean-up.

Each existing fence to be crossed by the access road shall be braced and tied off before cutting so as to prevent slacking of the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and upon completion of construction the fence shall be repaired to BLM or SMA specifications. A cattleguard with an adjacent 16 foot gate shall be installed in any fence where a road is to be regularly traveled. If the well is a producer, the cattleguard (shall/shall not) be permanently mounted on concrete bases. Prior to a new road, crossing any fence located on federal land, or any fence between federal land and private land, the operator will contact the BLM, who will in turn contact the grazing permittee or owner of said fence and offer him/her the opportunity to be present when the fence is cut in order to satisfy himself/herself that the fence is adequately braced and tied off.

10. Plans for Restoration of Surface

a. Producing Location

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.

Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with 43 CFR 3162.7-1.

If a plastic nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 6 months from the date of well completion. Before any dirt work takes place, the reserve pit must be completely dry and all cans, barrels, pipe, etc., will be removed.

Contact appropriate surface management agency for required seed mixture.

b. Dry Hole/Abandoned Location

At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and BLM will attach the appropriate surface rehabilitation conditions of approval.

11. Surface Ownership:

Access Road: State of Utah Location: State of Utah

"If the access road and/or location involves private or state agency owned surface, a copy of the surface owners agreement is required prior to approval of the APD."

12. Other Additional Information

- a. The Operator is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator is to immediately stop work that might further disturb such materials, and contact the authorized officer (AO). Within five working days the AO will inform the operator as to:

- if the materials appear eligible for the National Register of Historic Places;
- the mitigation measures the operator will likely have to undertake before the site can be used (assuming in situ preservation is not necessary); and
- a time frame for the AO to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate.

If the operator wishes, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials may be required. Otherwise, the operator will be responsible to mitigation costs. The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the AO that required mitigation has been completed, the operator will then be allowed to resume construction.

- b. The operator will control noxious weeds along right-of-way for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds may be obtained from the BLM, or the appropriate County Extension Office. On BLM administered land it is required that a Pesticide Use Proposal shall be submitted, and given approval, prior to the application of herbicides or other pesticides or possible hazardous chemicals.
- c. Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on Federal Lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities. (The BLM does not seek to compete with private industry. There are commercial facilities available for stacking and storing drilling rigs.)
- d. A 2" pipeline is proposed to run parallel to the access road until it ties into the main gathering system

Additional Surface Stipulations

\_\_\_\_\_ No construction or drilling activities shall be conducted between and \_\_\_\_\_ because of

\_\_\_\_\_ No surface occupancy will be allowed within 1,000 feet of any sage grouse strutting ground.

\_\_\_\_\_ No construction or exploration activities are permitted within 1.5 mile radius of sage grouse strutting grounds from April 1 to June 30.

\_\_\_\_\_ There shall be no surface disturbance within 600 feet of live water (includes stock tanks, springs, and guzzlers).

\_\_\_\_\_ No cottonwood trees will be removed or damaged.

\_\_\_\_\_ A silt catchment dam and basin will be constructed according to BLM specifications, where flagged.

13. Lessee's or Operators Representative and Certification

Representative

Name: Mitchiel Hall  
Address: P. O. Box 1360 Roosevelt, Utah 84066  
Phone No: (435) 722-4521

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, the

approved plan of operations, and any applicable Notice to Lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

A complete copy of the approved APD and ROW grant, if applicable, shall be on location during construction of the location and drilling activities.

The operator or his/her contractor shall contact the BLM Office at (801) 789-1362 forty-eight (48) hours prior to construction activities.

The BLM Office shall be notified upon site completion prior to moving on the drilling rig.

Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and, that the work associated with the operations proposed here will be performed by Dominion Exploration & Production, Inc. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

November 10, 2000

Date

*David L. Linger*  
*for David Linger*

David L. Linger, Onshore Drilling Manager

Name and Title

Onsite Date: November 6, 2000

Participants on Joint Inspection

Craig Obermueller

Craig Roustabout

Dave Hackford

State of Utah Inspector

Robert Kay

Uintah Eng. Surveying

Gary Scott

Jackson Construction

Gary Cerber

Stubs Construction

Mitchiel Hall

Dominion Expl. & Prod., Inc.



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor  
Kathleen Clarke  
Executive Director  
Lowell P. Braxton  
Division Director

1594 West North Temple, Suite 1210  
PO Box 145801  
Salt Lake City, Utah 84114-5801  
801-538-5340  
801-359-3940 (Fax)  
801-538-7223 (TDD)

November 20, 2000

Dominion Exploration and Production, Inc.  
16945 Northchase Dr, Suite 1750  
Houston, TX 77060

Re: State 9-2D Well, 1618' FSL, 1254' FEL, NE SE, Sec. 2, T. 10 South, R. 18 East,  
Uintah County, Utah

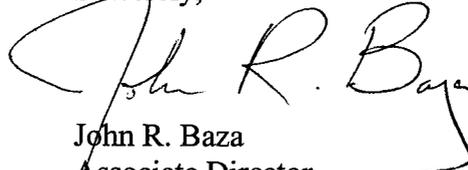
Gentlemen:

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 43-047-33740.

Sincerely,



John R. Baza  
Associate Director

er

Enclosures

cc: Uintah County Assessor  
SITLA



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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
ML-13215-A

**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 OR DEEPEN form for such purposes

7. UNIT or CA AGREEMENT NAME:

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

8. WELL NAME and NUMBER:  
STATE 9-2D

2. NAME OF OPERATOR:  
DOMINION EXPL. & PROD., INC.

9. API NUMBER:  
43-047-33740

3. ADDRESS OF OPERATOR:  
16945 NORTHCHASE DRIVE, SUITE 1750 HOUSTON, TX 77060

PHONE NUMBER:  
(281) 873-3692

10. FIELD AND POOL, OR WILDCAT:  
NATURAL BUTTES

4. LOCATION OF WELL  
FOOTAGES AT SURFACE:  
1618' FSL & 1254' FEL  
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:  
NE SE Section 2, T10S, R18E

COUNTY:  
UINTAH  
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 (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REFERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<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>APD Extension</u>
	<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.)

*Operator requests the extension of one year on the approved APD for the subject well.*

COPY SENT TO OPERATOR  
DATE: 10-16-01  
BY: CHO

**Approved by the  
Utah Division of  
Oil, Gas and Mining**  
Date: 10-15-01  
By: [Signature]

**RECEIVED**  
AUG 20 2001  
DIVISION OF  
OIL, GAS AND MINING

NAME (PLEASE PRINT) Diann Flowers TITLE Regulatory Specialist

SIGNATURE [Signature] DATE 08/16/2001

(This space for State use only)

CONFIDENTIAL

Please be advised that your request for a one-year Application for Permit to Drill ("APD") extension is hereby granted. All conditions outlined in the original APD approval remain in effect.

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.

This approval shall expire one year from the approval date unless substantial and continuous operation is underway, or a request for an extension is made prior to the expiration date.

Sincerely,  
Brad Hill  
Reclamation Specialist III, Oil & Gas

cc: Well File

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

SUNDRY NOTICES AND REPORTS ON WELLS

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.

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

2. NAME OF OPERATOR: Dominion Exploration & Production, Inc.

3. ADDRESS OF OPERATOR: 14000 Quail Springs CITY Oklahoma City STATE OK ZIP 73134 PHONE NUMBER: (405) 749-1300

4. LOCATION OF WELL  
FOOTAGES AT SURFACE: 1618' FSL & 1254' FEL COUNTY: Uintah  
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESE 2 10S 18E STATE: UTAH

5. LEASE DESIGNATION AND SERIAL NUMBER: ML- 13215-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER: State 9-2D

9. API NUMBER: 43-047-33740

10. FIELD AND POOL, OR WILDCAT: Natural Buttes

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"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<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>Extension of APD.</u>
	<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.  
Dominion Exploration and Production Inc. request a one year extension to the approved APD.

Approved by the  
Utah Division of  
Oil, Gas and Mining  
Date: 12-09-2002  
By: [Signature]

COPY SENT TO OPERATOR  
Date: 12-10-02  
Initials: CHD

RECEIVED  
NOV 21 2002  
DIVISION OF  
OIL, GAS AND MINING

NAME (PLEASE PRINT) Carla Christian TITLE Regulatory Specialist

SIGNATURE [Signature] DATE 11/20/2002

(This space for State use only)

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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:

ML- 13215-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

**SUNDRY NOTICES AND REPORTS ON WELLS**

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.

1. TYPE OF WELL

OIL WELL

GAS WELL

OTHER

**CONFIDENTIAL**

8. WELL NAME and NUMBER:

State 9-2D

2. NAME OF OPERATOR:

Dominion Exploration & Production, Inc.

9. API NUMBER:

43-047-33740

3. ADDRESS OF OPERATOR:

14000 Quail Springs CITY Oklahoma City STATE OK ZIP 73134

PHONE NUMBER:

(405) 749-1300

10. FIELD AND POOL, OR WILDCAT:

Natural Buttes

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 1618' FSL & 1254' FEL

COUNTY: Uintah

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESE 2 10S 18E

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
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	<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"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<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>Extension of APD.</u>
	<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.

The approved APD for this well expires December 9, 2003. Dominion Exploration and Production Inc. hereby request a one year extension.

RECEIVED

DEC 11 2003

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Carla Christian

TITLE Regulatory Specialist

SIGNATURE

*Carla Christian*

DATE 12/8/2003

(This space for State use only)

COPY SENT TO OPERATOR  
Date: 12-18-03  
Initials: CJD

(See Instructions on Reverse Side)

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING  
DATE: 12-16-03  
BY: *[Signature]*

**Application for Permit to Drill  
Request for Permit Extension  
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

**API:** 43-047-33740  
**Well Name:** State 9-2D  
**Location:** Sec. 2-10S-18E, 1618' FSL & 1254' FEL NE/SE  
**Company Permit Issued to:** Dominion Exploration & Production, Inc.  
**Date Original Permit Issued:** 11/20/2000

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes  No

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes  No

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes  No

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes  No

Has the approved source of water for drilling changed? Yes  No

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes  No

Is bonding still in place, which covers this proposed well? Yes  No

Carla Christian  
Signature

12/8/2003  
Date

**Title:** Regulatory Specialist

**Representing:** Dominion Exploration & Production, Inc.

RECEIVED  
DEC 11 2003  
DIV. OF OIL, GAS & MINING



State of Utah

Department of  
Natural Resources

ROBERT L. MORGAN  
*Executive Director*

Division of  
Oil, Gas & Mining

MARY ANN WRIGHT  
*Acting Division Director*

OLENE S. WALKER  
*Governor*

GAYLE F. McKEACHNIE  
*Lieutenant Governor*

December 3, 2004

Carla Christian  
Dominion Expl & Prod Inc.  
14000 Quail Springs Parkway  
Oklahoma City, OK 73134

Re: APD Rescinded -State 9-2D Sec. 2, T.10S, R. 18E Uintah County, Utah  
API No. 43-047-33740

Dear Ms. Christian:

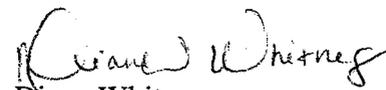
The Application for Permit to Drill (APD) for the subject well was approved by the Division of Oil, Gas and Mining (Division) on November 20, 2000. On October 15, 2001, December 9, 2002 and December 16, 2003 the Division granted a one-year APD extension.

No drilling activity at this location has been reported to the division. Therefore, approval to drill the well is hereby rescinded, effective December 3, 2004.

A new APD must be filed with this office for approval prior to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,

  
Diana Whitney  
Engineering Technician

cc: Well File  
SITLA, Ed Bonner

**Division of Oil, Gas and Mining**  
**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. DJJ

2. CDW

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

Operator Name Change/Merger

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

7/1/2007

<b>FROM:</b> (Old Operator): N1095-Dominion Exploration & Production, Inc 14000 Quail Springs Parkway, Suite 600 Oklahoma City, OK 73134  Phone: 1 (405) 749-1300	<b>TO:</b> ( New Operator): N2615-XTO Energy Inc 810 Houston St Fort Worth, TX 76102  Phone: 1 (817) 870-2800
----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------

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: 8/6/2007
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 8/6/2007
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 8/6/2007
- a. Is the new operator registered in the State of Utah: Business Number: 5655506-0143
- b. If **NO**, the operator was contacted on: \_\_\_\_\_
- a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
- b. Inspections of LA PA state/fee well sites complete on: n/a
- c. Reports current for Production/Disposition & Sundries on: ok
- 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 BIA
- Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: \_\_\_\_\_
- Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: \_\_\_\_\_
- Underground Injection Control ("UIC")** The 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: \_\_\_\_\_

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 9/27/2007
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 9/27/2007
- Bond information entered in RBDMS on: 9/27/2007
- Fee/State wells attached to bond in RBDMS on: 9/27/2007
- Injection Projects to new operator in RBDMS on: 9/27/2007
- Receipt of Acceptance of Drilling Procedures for APD/New on: 9/27/2007

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: UTB000138
  - Indian well(s) covered by Bond Number: n/a
  - a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 104312762
  - b. The **FORMER** operator has requested a release of liability from their bond on: 1/23/2008
- The Division sent response by letter on: \_\_\_\_\_

**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: \_\_\_\_\_

**COMMENTS:**

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

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

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.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: XTO Energy Inc. <i>N2615</i>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 810 Houston Street CITY Fort Worth STATE TX ZIP 76102		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: SEE ATTACHED		8. WELL NAME and NUMBER: SEE ATTACHED
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		9. API NUMBER: SEE ATTACHED
COUNTY: Uintah		10. FIELD AND POOL, OR WILDCAT: Natural Buttes
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 (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.

Effective July 1, 2007, XTO Energy Inc. has purchased the wells listed on the attachment from:

Dominion Exploration & Production, Inc.  
14000 Quail Springs Parkway, Suite 600 *N1095*  
Oklahoma City, OK 73134

*James D. Abercrombie*  
James D. Abercrombie (405) 749-1300  
Sr. Vice President, General Manager - Western Business Unit

Please be advised that XTO Energy Inc. is considered to be the operator on the attached list and is responsible under the terms and conditions of the lease for the operations conducted upon the lease lands. Bond coverage is provided by Nationwide BLM Bond #104312750 and Department of Natural Resources Bond #104312762.

NAME (PLEASE PRINT) <u>Edwin S. Ryan, Jr.</u>	TITLE <u>Sr. Vice President - Land Administration</u>
SIGNATURE <i>Edwin S. Ryan, Jr.</i>	DATE <u>7/31/2007</u>

(This space for State use only)

**APPROVED** 9127107

*Earlene Russell*  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

**RECEIVED**  
AUG 06 2007  
DIV. OF OIL, GAS & MINING

(5/2000)

7

N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

api	well name	qtr	qtr	sec	twp	rng	lease num	entity	Lease	well	stat
4301530633	SKYLINE U 1-6	NENE	06	160S	060E	UTU-77263	99999	Federal	GW	DRL	
4304731138	RBU 11-34B	NESW	34	090S	190E	U-017713	7058	Federal	GW	P	
4304731179	BARTON FED 1-26	NWSE	26	100S	190E	U-43156	8005	Federal	GW	P	
4304731724	RBU 11-35B	NESW	35	090S	190E	U-017713	11502	Federal	GW	S	
4304731818	WILLOW CREEK UNIT 2	SESW	05	110S	200E	U-39223	11604	Federal	GW	TA	
4304731878	EVANS FED 3-25	NENW	25	100S	190E	U-43156	11106	Federal	GW	P	
4304731879	EVANS FED 41-26	NENE	26	100S	190E	U-43156	11034	Federal	GW	P	
4304731881	APACHE 12-25	NWSW	25	100S	190E	UTU-3405	11080	Indian	GW	P	
4304731897	END OF THE RAINBOW 21-1	SWSE	21	110S	240E	U-54224	11223	Federal	GW	S	
4304731922	APACHE FED 44-25	SESE	25	100S	190E	U-3405	11185	Federal	GW	S	
4304732094	RBU 13-35B	SWSW	35	090S	190E	U-017713	7058	Federal	GW	S	
4304732222	RBU 15-35B	SWSE	35	090S	190E	U-017713	11365	Federal	GW	S	
4304732237	FEDERAL 13-26B	SWSW	26	090S	190E	UTU-68625	11370	Federal	GW	S	
4304732394	EVANS FED 12-25A	SWNW	25	100S	190E	U-43156	11451	Federal	GW	P	
4304732395	EVANS FED 32-26	SWNE	26	100S	190E	U-43156	11447	Federal	GW	P	
4304732515	WHB 1-25E	NENE	25	100S	190E	U-73011	11720	Federal	GW	P	
4304732557	FEDERAL 12-11	SWNW	11	120S	240E	UTU-66425	11761	Federal	GW	S	
4304732558	FEDERAL 34-30	SWSE	30	110S	230E	UTU-66410	11747	Federal	GW	S	
4304732559	FEDERAL 22-22	SENW	22	110S	230E	UTU-66409	11746	Federal	GW	P	
4304732560	FEDERAL 21-27	NENW	27	100S	240E	UTU-66422	11762	Federal	GW	P	
4304732600	RBU 1-21EO	NENE	21	100S	190E	U-013766	11783	Federal	OW	S	
4304732681	LANDING STRIP FEDERAL 44-10	SESE	10	120S	240E	UTU-69430	11853	Federal	GW	S	
4304733019	BLACK DRAGON UNIT 31-34	NWNE	34	100S	240E	UTU-66422	12280	Federal	GW	P	
4304733242	FEDERAL K 23-22	NESW	22	110S	210E	UTU-75098	13107	Federal	GW	P	
4304733299	FED K 12-22	SWNW	22	110S	210E	UTU-75098	13133	Federal	GW	P	
4304733508	EVANS FED 15-26E	SWSE	26	100S	190E	U-3405	12767	Federal	GW	P	
4304733509	EVANS FED 9-26E	NESE	26	100S	190E	UTU-3405	12749	Federal	GW	P	
4304733510	EVANS FED 10-25E	NWSE	25	100S	190E	U-3405	12927	Federal	GW	P	
4304733511	EVANS FED 14-25E	SESW	25	100S	190E	U-3405	12793	Federal	GW	P	
4304734000	RBU 1-18E	NENE	18	100S	190E	UTU-3576	14549	Federal	GW	P	
4304734669	EVANS FED 4-25E	NENE	26	100S	190E	U-43156	13588	Federal	GW	P	
4304734887	EVANS FED 2-26E	NWNE	26	100S	190E	U-43156	13830	Federal	GW	P	
4304734908	EVANS FED 15-25E	NWSE	25	100S	190E	U-3405	14023	Federal	GW	P	
4304734909	WH FED 11-26E	NESW	26	100S	190E	UTU-3405	14629	Federal	GW	P	
4304734984	WHB 4-26E	NWNW	26	100S	190E	U-43156	14898	Federal	GW	P	
4304734985	WHB 6-26E	SENW	26	100S	190E	U-43156	14886	Federal	GW	P	
4304735034	EVANS FED 8-26E	SENE	26	100S	190E	U-43156	14145	Federal	GW	P	
4304735035	WHB 12-26E	NWSW	26	100S	190E	UTU-3405	14899	Federal	GW	P	
4304735036	EVANS FED 11-25E	NESW	25	100S	190E	UTU-3405	14134	Federal	GW	P	
4304735037	EVANS FED 13-25E	SWSW	25	100S	190E	UTU-3405	14090	Federal	GW	P	
4304735043	EVANS FED 16-26E	SESE	26	100S	190E	UTU-3405	14372	Federal	GW	P	
4304735063	EVANS FED 8-25E	SENE	25	100S	190E	U-43156	14089	Federal	GW	P	
4304735064	EVANS FED 6-25E	SENW	25	100S	190E	U-43156	14135	Federal	GW	P	
4304735065	EVANS FED 9-25E	NESE	25	100S	190E	UTU-3405	13983	Federal	GW	P	
4304735102	EVANS FED 2-25E	NWNE	25	100S	190E	U-43156	13956	Federal	GW	P	
4304737451	WHB 13-26E	SWSW	26	100S	190E	UTU-3405	16058	Federal	GW	P	
4304738869	LOVE 4-20G	NWNW	20	110S	210E	UTU-076040	16249	Federal	GW	DRL	
4304739064	UTE TRIBAL 2-11H	NENW	11	110S	200E	14-20-H62-5611	16072	Indian	GW	DRL	

N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

api	well_name	qtr_qtr	sec	twp	rng	lease_num	entity	Lease	well	stat
4304731777	STATE 4-36E	NWNW	36	100S	190E	ML-42175	11186	State	GW	P
4304731784	STATE 12-36E	NWSW	36	100S	190E	ML-42175	99998	State	GW	LA
4304732019	STATE 11-36E	NESW	36	100S	190E	ML-42175	11232	State	GW	P
4304732224	STATE 5-36B	SWNW	36	090S	190E	ML-45173	11363	State	GW	PA
4304732249	STATE 9-36B	NESE	36	090S	190E	ML-45173	11372	State	GW	PA
4304732316	RBU 12-2F	NWSW	02	100S	200E	ML-10716	99998	State	GW	LA
4304732404	STATE 2-36E	NWNE	36	100S	190E	ML-42175	99998	State	GW	LA
4304732405	STATE 9-36E	NESE	36	100S	190E	ML-42175	99998	State	GW	LA
4304732845	H R STATE S 22-2	SENW	02	120S	230E	ML-42215		State	GW	LA
4304732870	H R STATE S 24-2	SESW	02	120S	230E	ML-42215		State	GW	LA
4304732940	H R STATE S 42-2	SENE	02	120S	230E	ML-42215	13175	State	D	PA
4304732979	STATE 2-36E	NWNE	36	100S	190E	ML-42175	12390	State	GW	P
4304733129	STATE G 22-32	SENW	32	100S	230E	ML-47063		State	GW	LA
4304733130	H R STATE S 44-2	SESE	02	120S	230E	ML-42215		State	GW	LA
4304733169	STATE M 42-2	SENE	02	110S	230E	ML-47078		State	GW	LA
4304733173	STATE M 23-2	NESW	02	110S	230E	ML-47078		State	GW	LA
4304733174	STATE M 44-2	SESE	02	110S	230E	ML-47078		State	GW	LA
4304733175	STATE N 31-16	NWNE	16	110S	240E	ML-47080		State	GW	LA
4304733176	STATE Q 44-16	SESE	16	120S	210E	ML-47085	13134	State	D	PA
4304733181	STATE 1-36E	NENE	36	100S	190E	ML-42175	12539	State	GW	P
4304733738	STATE 1-2D	NENE	02	100S	180E	ML-26968		State	GW	LA
4304733740	STATE 9-2D	NESE	02	100S	180E	ML-13215-A		State	GW	LA
4304733837	STATE 7-36E	SWNE	36	100S	190E	ML-42175	13186	State	GW	P
4304734012	CLIFFS 15-21L	SWSE	21	110S	250E	FEE		Fee	GW	LA
4304734123	STATE 15-36E	SWSE	36	100S	190E	ML-42175	13784	State	GW	P
4304734124	STATE 9-36E	NESE	36	100S	190E	ML-42175	13760	State	GW	P
4304734241	STATE 5-36E	SWNW	36	100S	190E	ML-42175	13753	State	GW	P
4304734284	STATE 13-36E	SWSW	36	100S	190E	ML-42175	13785	State	GW	P
4304734285	STATE 6-36E	SENW	36	100S	190E	ML-42175	13370	State	GW	P
4304735089	WHB 8-36E	SENE	36	100S	190E	ML-42175	14024	State	GW	P
4304735612	WHB 14-36E	SESW	36	100S	190E	ML-42175	14759	State	GW	P
4304736292	WHB 12-36E	NWSW	36	100S	190E	ML-42175	15116	State	GW	P
4304736666	KINGS CANYON 1-32E	NENE	32	100S	190E	ML-47058	14958	State	GW	P
4304736667	KINGS CANYON 10-36D	NWSE	36	100S	180E	ML-047058	14959	State	GW	P
4304737034	AP 15-2J	SWSE	02	110S	190E	ML-36213	15778	State	GW	P
4304737035	AP 10-2J	NWSE	02	110S	190E	ML-36213	16029	State	GW	S
4304737036	AP 9-2J	NESE	02	110S	190E	ML-36213	15881	State	GW	P
4304737037	AP 8-2J	SENE	02	110S	190E	ML-36213	15821	State	GW	P
4304737038	AP 5-2J	SWNW	02	110S	190E	ML-36213	16043	State	D	PA
4304737039	AP 3-2J	NENW	02	110S	190E	ML-36213	15910	State	GW	P
4304737040	AP 2-2J	NWNE	02	110S	190E	ML-36213	99999	State	GW	DRL
4304737041	AP 1-2J	NENE	02	110S	190E	ML-36213	15882	State	GW	P
4304737659	KC 8-32E	SENE	32	100S	190E	ML-047059	15842	State	GW	P
4304737660	KC 9-36D	SESE	36	100S	180E	ML-047058	99999	State	GW	DRL
4304738261	KINGS CYN 2-32E	NWNE	32	100S	190E	ML-047059	15857	State	GW	DRL