



June 17, 2005

Ms. Diana Whitney  
State of Utah  
Division of Oil, Gas & Mining  
1594 W. North Temple, Suite 1210  
Salt Lake City, UT 84116

**RE: Location Exception  
Revised Application for Permit to Drill  
Rogers 13-16 (4304736538)  
SWSW Section 16-7S-20E SLB&M  
Uintah County, UT**

**CONFIDENTIAL**

Dear Ms. Whitney:

Per Cause No. 191-4, Elk Resources, Inc. is filing application with the State of Utah, Division of Oil, Gas and Mining requesting approval for a location exception for the referenced wellbore.

EnCana Oil and Gas (USA), Inc., 370 17<sup>th</sup> Street, Suite #1700, Denver, CO 80202 is the only owner in a 500' radius from the proposed drilling location. EnCana has designated Elk Resources, Inc. as operator of this lease (see enclosed signed Form 5). Elk Resources, Inc. has a contractual agreement with EnCana to drill this well.

Sincerely,

Karin Kuhn  
Engineering Technician



June 21, 2005

**VIA OVERNIGHT MAIL**

Diana Whitney  
Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Salt Lake City, UT 84116

**RE: Revised Application for Permit to Drill  
Rogers 13-16 (4304736538)  
SWSW Section 16-7S-20E SLB&M  
Uintah County, UT**

**CONFIDENTIAL**

Dear Diana:

Enclosed is our **corrected** Application for Permit to Drill for the subject well location. Please keep this application "**CONFIDENTIAL**". Included with the APD is the following supplemental information:

- Exhibit "A" – Survey plats, location map with access corridors, and layouts of the proposed well site – same as sent earlier;
- Exhibit "B" – **Form 5**;
- Exhibit "C" – **Location Exception Letter**;
- Exhibit "D" – Drilling Plan (same as previously submitted);
- Exhibit "E" – Typical BOP and Choke Manifold diagram – same as previously sent;
- Exhibit "F" – **Surface Use Plan**;
- Exhibit "G" – **Surface Damage Agreement**.

Should you require any additional information, please contact me or Tom Young at (303) 296-4505.

Sincerely,

A handwritten signature in black ink, appearing to read "Karin Kuhn". The signature is written in a cursive style with a large, looping initial "K".

Karin Kuhn  
Engineering Technician

RECEIVED

JUN 22 2005

DIV. OF OIL, GAS & 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. MINERAL LEASE NO: Patent <b>FEE</b>	6. SURFACE: Fee
1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>				7. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA	
B. TYPE OF WELL: OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER _____ SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>				8. UNIT or CA AGREEMENT NAME: NA	
2. NAME OF OPERATOR: Elk Resources, Inc.				9. WELL NAME and NUMBER: Rogers 13-16	
3. ADDRESS OF OPERATOR: 1401 17th St., Suite 700 CITY Denver STATE CO ZIP 80202			PHONE NUMBER: (303) 296-4505	10. FIELD AND POOL, OR WILDCAT: Wildcat	
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 464' FSL, 465' FWL <b>612202X 40.264340 4451116Y</b> AT PROPOSED PRODUCING ZONE: 464' FSL, 465' FWL <b>109.681648</b>				11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW 16 7S 20E S	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: Approx. 22 miles southwest of Vernal, UT				12. COUNTY: Uintah	13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 464		16. NUMBER OF ACRES IN LEASE: 80		17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 40	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) NA		19. PROPOSED DEPTH: 11,000		20. BOND DESCRIPTION: B000969	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 4817' GR		22. APPROXIMATE DATE WORK WILL START: 7/5/2005		23. ESTIMATED DURATION: 50 Days	

24. 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"	H-40	48#	80	250 sx Class "G"	See drlg plan
12 3/4	8 5/8"	J-55	32#	2,500	815 sx/275 sx	See drlg plan
7 7/8	5 1/2"	N-80	17#	11,000	See drlg plan	

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

CONFIDENTIAL

NAME (PLEASE PRINT) Karin Kuhn TITLE Engineering Technician

SIGNATURE *Karin Kuhn* DATE 5/16/2005

(This space for State use only)

API NUMBER ASSIGNED: 43-047-36538

Approved by the  
Utah Division of  
Oil, Gas and Mining

RECEIVED  
JUN 22 2005

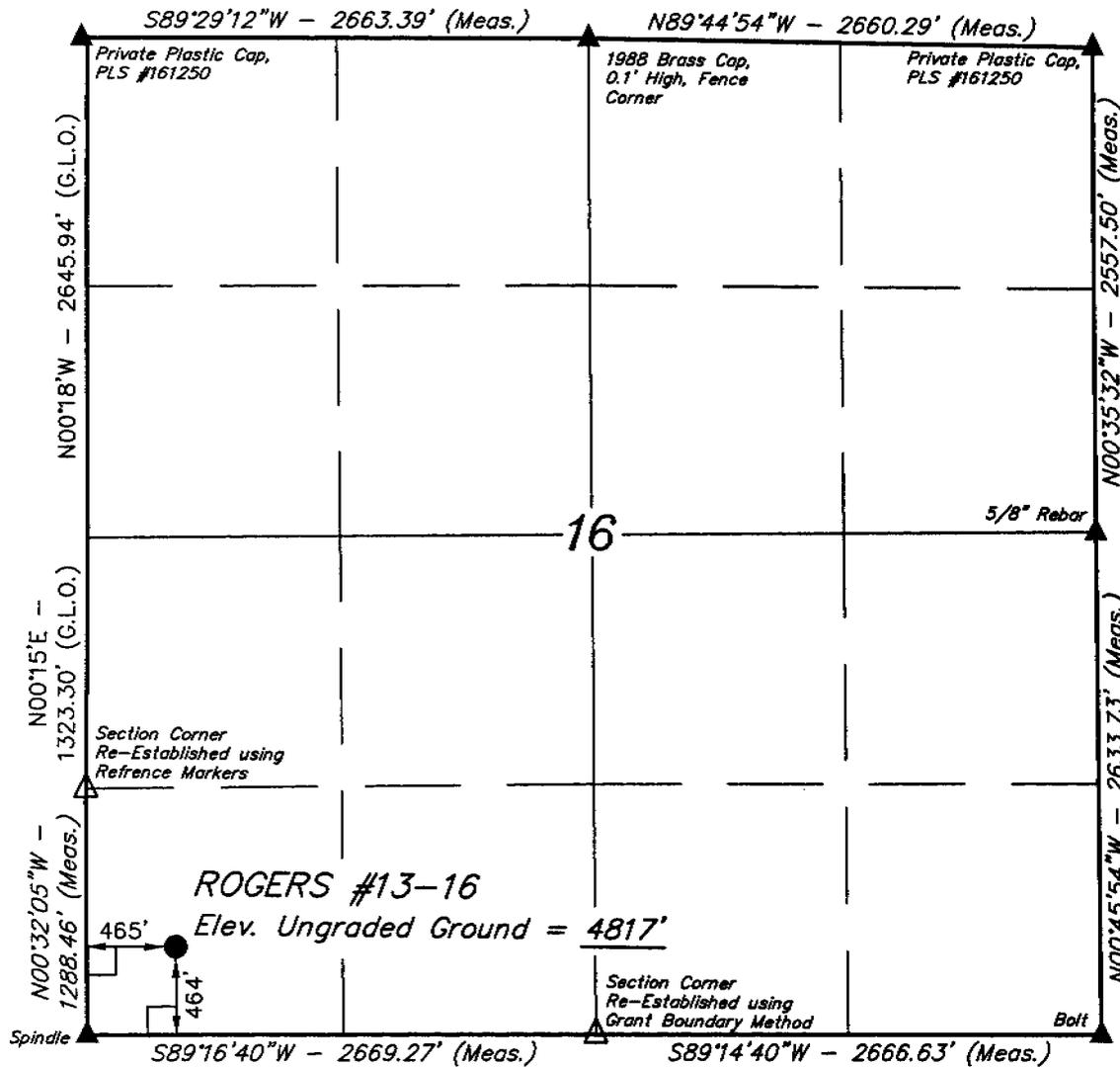
Date: 07-19-05  
By: *[Signature]*

DIV. OF OIL, GAS & MINING

T7S, R20E, S.L.B.&M.

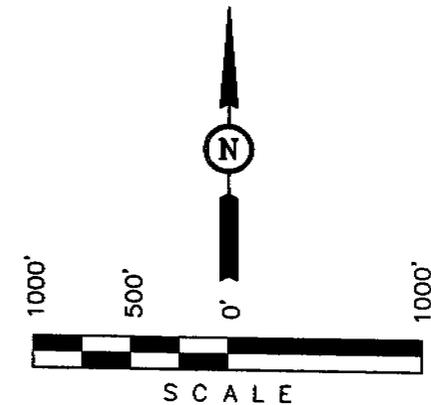
ELK RESOURCES, INC.

Well location, ROGERS #13-16, located as shown in the SW 1/4 SW 1/4 of Section 16, T7S, R20E, S.L.B.&M. Uintah County, Utah.



BASIS OF ELEVATION

BENCH MARK (38EAM) LOCATED IN THE SW 1/4 OF SECTION 9, T7S, R20E, S.L.B.&M. TAKEN FROM THE PELICAN LAKE QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4942 FEET.



CERTIFICATE

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

*John H. ...*

REGISTERED LAND SURVEYOR  
REGISTRATION NO. 161319  
STATE OF UTAH

Revised: 4-4-05

BASIS OF BEARINGS

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

(NAD 83)  
LATITUDE = 40°12'17.28" (40.204800)  
LONGITUDE = 109°40'56.49" (109.682358)  
(NAD 27)  
LATITUDE = 40°12'17.42" (40.204839)  
LONGITUDE = 109°40'53.99" (109.681664)

LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.
- △ = SECTION CORNERS RE-ESTABLISHED. (Not Set on Ground)

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

SCALE 1" = 1000'	DATE SURVEYED: 3-14-05	DATE DRAWN: 3-25-05
PARTY D.A. T.C. K.G.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE ELK RESOURCES, INC.	

**DRILLING PLAN**

Elk Resources, Inc.  
 Rogers #13-16  
 SW/SW of Section 16, T-7-S, R-20-E, S.L.B. & M.  
 Uintah County, Utah

1,2,3 **Estimated Tops of Geological Markers and Formations Expected to Contain Water, Oil and Gas and Other Minerals**

<u>Formation</u>	<u>Depth</u>
Uinta	800'
Uinta (Possible pay intervals)	2500'*
Green River	3400'*
Wasatch	7300'*
Mesaverde	9700'*

PROSPECTIVE PAY\* oil and gas

**4 Casing Program**

<u>HOLE SIZE</u>	<u>SETTING DEPTH</u>		<u>SIZE</u>	<u>WEIGHT</u>	<u>GRADE</u>	<u>THREAD</u>	<u>COND.</u>
	<u>from</u>	<u>to</u>					
17-1/2	surface	80'	13-3/8"	48#	H-40	ST&C	New
12-3/4"	surface	2500'	8-5/8"	32#	J-55	ST&C	New
7-7/8"	surface	11,000'	5-1/2"	17#	N-80	LT&C	New.

**5 Cementing Program**

13-3/8' Conductor      250 sx class "G" with 2% CaCl and ¼ lb/sx celloflake

8-5/8" Surface      Lead: 815 sx light wt. with 1% CaCl and ¼ lb/sx celloflake mixed 12.8 lb/gal. (75% excess on lead)  
 Tail : 275 sx Type V with 2% CaCl and ¼ lb/sx celloflake mixed 15.6 lb/gal. (50% excess on tail)

5-1/2" Production      Lead: Volume determined by caliper plus 20%. Section to be covered will  
 1500'      be from 500' above uppermost potentially productive zone to above shoe of surface casing. Hi-Fill cement mixed @ 11.0 ppg, yield 3.86 ft³/sx.  
 1005'      Tail: Volume determined by caliper plus 20%. Section to be covered will be 500' above uppermost zone noted on logs as being potentially productive. Dependent on overall height of interval to be covered, a stage collar may be required. 50/50 Poz containing 2% gel, .6% fluid loss (Halad-322), 5% salt bwow, .25 lb/sx celloflake, Mixed 14.3 ppg, yield 1.25 ft³/sx.

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## 6 Mud Program

<u>INTERVAL</u>	<u>WEIGHT</u>	<u>VISCOSITY</u>	<u>FLUID LOSS</u>	<u>REMARKS</u>
Surf. - 80'	N/A			Air drilled
80' - 2500'	8.5 / 8.8 ppg	32	NC	Spud Mud
2500 - 10,000'	8.5 / 9.0 ppg	28	NC	KCL Water
10,000 - TD	9.0 ppg	34	10	KCL/Gel/Polymer

## 7 BOP and Pressure Containment Data

### Depth Intervals

Surf. - 2500'  
2500' - TD

### BOP Equipment

Rotating head  
3000# Ram Type double BOP  
3000# Annular

Drilling spool to accommodate choke and kill lines.

ANCILLARY EQUIPMENT AND CHOKE MANIFOLD RATED AT 3000#  
ALL BOP AND BOPE TESTS WILL BE IN ACCORDANCE WITH THE REQUIREMENTS  
OF THE STATE OF UTAH.

THE STATE OF UTAH DIVISION OF OIL, GAS AND MINING  
WILL BE NOTIFIED 24 HOURS IN ADVANCE OF ALL BOP PRESSURE TESTS.

## 8 Auxiliary equipment

- Upper and Lower Kelly cock
- Floor stabbing valve 5000#
- Safety valve(s) and subs to fit all string connections in use

## 9 Testing, Logging and Core Programs

Cores None anticipated  
Testing None anticipated  
Sampling 10' samples; surface casing to TD.  
Surveys Run every 1000' and on trips  
Logging Resistivity, neutron density, and caliper from TD to surface casing. Gamma ray from TD to surface

## 10 Anticipated Abnormal Pressures or Temperatures

None anticipated.

## 11 Drilling Schedule

Spud Approximately July 5, 2005  
Duration 20 days drilling time  
30 days completion time

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**HAZARDOUS MATERIAL DECLARATION**

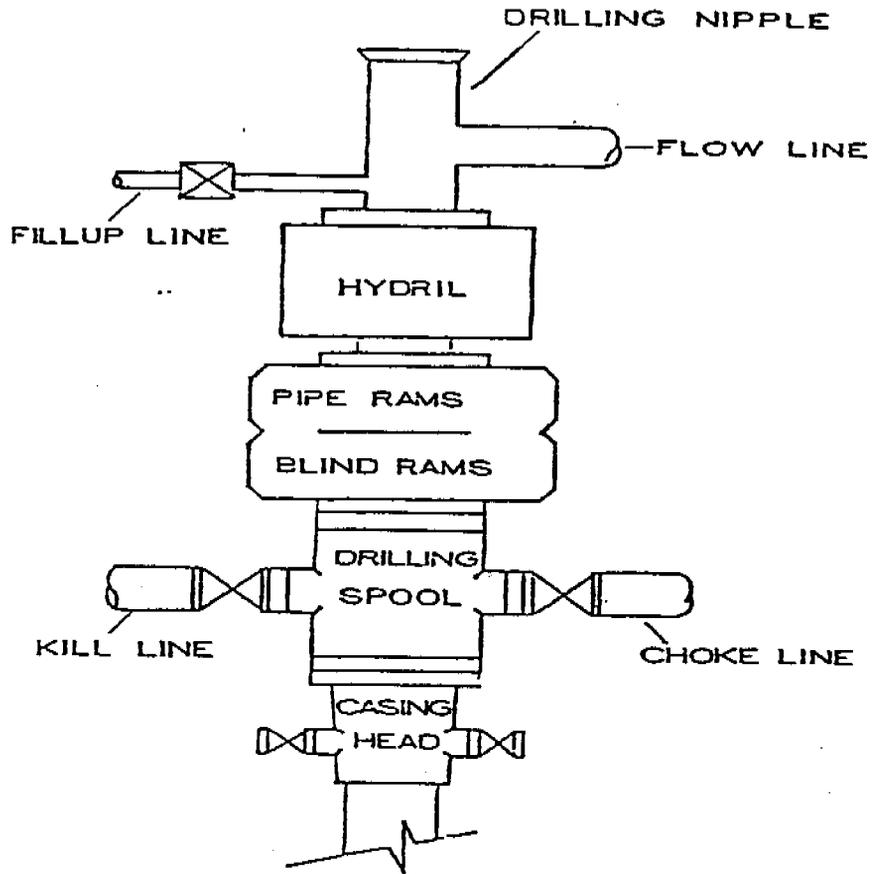
Rogers #13-16

Elk Resources, Inc. guarantees that during the drilling and completion of the above referenced well, we will not use, produce, or store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Super Amendments and Reauthorization Act (SARA) of 1986.

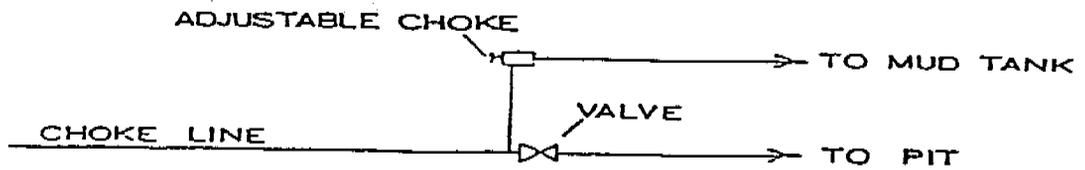
Elk Resources, Inc. guarantees that during the drilling and completion of the above referenced well, we will use, produce, store, transport, or dispose less than the threshold planning quantity (TPQ) of any extremely hazardous substances as defined in 40 CFR 355.

**CONFIDENTIAL**

# BOP STACK



# CHOKE MANIFOLD



## **SURFACE USE PLAN**

### **Attachment to Permit to Drill**

The dirt contractor will be provided with an approved copy of the surface use plan of operations before initiating construction.

The onsite inspection for the referenced well is pending with the Division of Oil, Gas and Mining and the landowner:

#### **1. Existing Roads:**

- a. The proposed well site is located approximately 22.1 miles to Vernal, Utah.
- b. The following are directions to the proposed well site:  
Proceed in an Southerly direction from Vernal, Utah along U.S. Highway 40 approximately 14 miles; go South on State Highway 88 for 7.0 miles to an existing road; head South for approximately 1.1 miles; then head East on the access road approximately 260 feet to the proposed location.
- c. The use of roads under Federal, State and County Road Department maintenance are necessary to access the Rogers 13-16 location. However, an encroachment permit is not anticipated since no upgrades to the Federal, State or County Road systems are proposed at this time.
- d. All existing roads will be maintained and kept in good repair during all phases of operation.
- e. Vehicle operators will obey posted speed restrictions and observe safe speeds commensurate with road and weather conditions.
- f. Since no improvements are anticipated to the State, County, or BLM access roads, no topsoil striping will occur.

#### **2. Planned Access Roads:**

- a. From the existing surface county road, a new access is proposed trending easterly approximately 260 feet to the proposed well site. The access consists of entirely new disturbance and crosses no significant drainages. A road design plan has been done and a Right-of-Way encroachment application will be filed with the Uintah County Planning, Building and Zoning Department.
- b. The proposed access road crosses surface owned by Ivan Rogers and Mary Afton Rogers in which a surface-use agreement to construct and utilize the road is attached.

- c. The proposed access road will consist of a 14' travel surface within a 30' disturbed area.
- d. A maximum grade of 4% will be maintained throughout the project with no cuts and fills required to access the well.
- e. No turnouts are proposed since the access road is only 300 feet long and adequate site distance exists in all directions.
- f. No low water crossings are anticipated. Adequate drainage structures will be incorporated into the road.
- g. No surfacing material will come from Federal or SITLA lands.
- h. One gate is anticipated at this time as the fence is crossed leaving the paved surface.
- i. Surface disturbance and vehicular travel will be limited to the approved location access road.
- j. All access roads and surface disturbing activities will conform to the standards outlined in the attached fee surface-use agreement.
- k. The operator will be responsible for all maintenance of the access road including drainage structures.

**3. Location of Existing Wells:**

- a. Exhibit B has a map reflecting a one-mile radius of the proposed well; there does not appear to be any existing wells within this radius.

**4. Location of Production Facilities:**

- a. All permanent structures will be painted a flat, non-reflective Desert Brown to match the standard environmental colors. All facilities will be painted within six month of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) may be excluded.
- b. If productive, a gas meter run will be constructed and located on lease within 500 feet of the wellhead. Meter runs will be housed and/or fenced. All gas production and measurement shall comply with the provisions of 43 CFR 3162.7-3, Onshore Oil and Gas Order No. 5, and American Gas Association (AGA) Report No. 3.
- c. If productive, a tank battery will be constructed on this lease, it will be surrounded by a dike of sufficient capacity to contain the storage capacity of the largest tank. All loading lines and valves will be placed inside the berm surrounding the tank battery. All liquid hydrocarbons production and measurement shall conform to the provisions of 43 CFR 3162.7-3 and Onshore Oil and Gas Order No. 4 and Onshore Oil and Gas Order No. 5 for oil and natural gas production and measurement.
- d. Any necessary pits will be properly fenced to prevent any wildlife and livestock entry.
- e. All access roads will be maintained as necessary to prevent erosion and accommodate year-round traffic. The road will be maintained in a safe useable condition.

- f. The site will require periodic maintenance to ensure that drainages are kept open and free of debris, ice, and snow, and that surfaces are properly treated to reduce erosion, fugitive dust, and impacts to adjacent areas.

**5. Location and Type of Water:**

- a. Water for construction and drilling will be obtained through a direct purchase agreement with the local municipal water company.

**6. Source of Construction Material:**

- a. No construction materials will be removed from Ute Tribal, SITLA or BLM lands.
- b. If any gravel is used, it will be obtained from a State-approved gravel pit.

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

- a. All wastes associated with this application will be contained and disposed of utilizing approved facilities.
- b. Drill cuttings will be contained and buried onsite.
- c. The reserve pit will be located outboard of the location and along the southwest side of the pad.
- d. The reserve pit will be constructed so as not to leak, break, or allow any discharge.
- e. The reserve pit will be lined with 12-mil minimum thickness plastic nylon-reinforced liner material. The liner will overlay a felt pad only if rock is encountered during excavation. The pit liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. Pit walls will be sloped no greater than 2:1. A minimum 2-foot freeboard will be maintained in the pit at all times during the drilling and completion operation.
- f. The reserve pit has been located in cut material. Three sides of the reserve pit will be fenced before drilling starts. The fourth side will be fenced as soon as drilling is completed, and shall remain until the pit is dry. After the reserve pit has dried, all areas not needed for production will be rehabilitated.
- g. Trash will be contained in a trash cage and hauled away to an approved disposal site as necessary but no later than at the completion of drilling operations. The contents of the trash container will be hauled off periodically to the approved Uintah County Landfill near Vernal, Utah.
- h. Produced fluids from the well other than water will be produced into a test tank until such time as construction of production facilities is completed. Any spills of oil, gas, saltwater or other produced fluids will be cleaned up and removed.
- i. Any salts and/or chemicals, which are an integral part of the drilling system, will be disposed of in the same manner as the drilling fluid.
- j. Sanitary facilities will be onsite at all times during operations. Sewage will be placed in a portable chemical toilet and the toilet replaced periodically

utilizing a licensed contractor to transport by truck the portable chemical toilet so that its contents can be delivered to the Vernal Wastewater Treatment Facility in accordance with State and County regulations.

**8. Ancillary Facilities:**

- a. Garbage containers and portable toilets are the only ancillary facilities proposed in this application.

**9. Well Site Layout:**

- a. The well will be properly identified in accordance with State regulations.
- b. Access to the well pad will be from the northeast.
- c. The pad and road designs are consistent with State and Federal specifications.
- d. A pre-construction meeting with responsible company representative, contractors, landowner representatives and the Utah Division of Oil, Gas and Mining will be conducted at the project site prior to commencement of surface-disturbing activities. The pad and road will be construction-staked prior to this meeting.
- e. The pad has been staked at its maximum size; however, it will be constructed smaller if possible, depending upon rig availability. Should the layout change, this application will be amended and approved utilizing a sundry notice.
- f. All surface disturbing activities will be supervised by a qualified, responsible company representative who is aware of the terms and conditions of the APD and specification in the approved plans.
- g. All cut and fill slopes will be such that stability can be maintained for the life of the activity.
- h. The site surface will be graded to drain away from the pit to avoid pit spillage during large storm events.
- i. The stockpiled topsoil (first 6 inches or maximum available) will be stored in a window on the uphill side of the location to prevent any possible contamination. All topsoil will be stockpiled for reclamation in such a way as to prevent soil loss and contamination.
- j. Pits will remain fenced until site cleanup.
- k. The blooie line will be located at least 100 feet from the well head.
- l. Water injection may be implemented if necessary to minimize the amount of fugitive dust.

**10. Plans for Restoration of the Surface:**

- a. Site reclamation for a producing well will be accomplished for portions of the site not required for the continued operation of the well.
- b. The Operator will control noxious weeds along access road use authorizations, well sites, or other applicable facilities by spraying or mechanical removal. A list of noxious weeds may be obtained from the Utah Division of Oil, Gas and Mining or the appropriate County Extension Office.

- c. Upon well completion, any hydrocarbons in the pit shall be removed. Once the reserve pit is dry, the plastic nylon-reinforced liner 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.
- d. The cut and fill slopes and all other disturbed areas not needed for the production operation will be top soiled and re-vegetated. The stockpiled topsoil will be evenly distributed over the disturbed area.
- e. Prior to reseeding the site, all disturbed areas, including the access road, will be scarified and left with a rough surface. The site will then be seeded and/or planted as prescribed by the landowner. The landowner recommended seed mix will be detailed within their surface-use documents.

**11. Surface and Mineral Ownership:**

- a. Surface Ownership: Ivan Rogers and Mary Afton Rogers, 8C69 Box 200, Randlett, UT 84063
- b. Mineral Ownership: Roosevelt Baptist Church, William V. Hansen, Trustee, PO Box 133, Roosevelt, UT, 84066

**12. Other Information:**

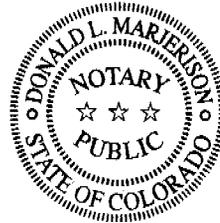
- a. A fee surface-use agreement with Ivan Rogers and Mary Afton Rogers is attached.

**13. Operator's Representative and Certification:**

I hereby certify that I, or person under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in the plan are, to the best of my knowledge, true and correct; and that the work associated with operations herein will be performed by \_\_\_\_\_, (construction contractor has not been determined) 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.

Name and Title Tom Young  
Tom Young, Vice President – Operations

STATE OF COLORADO  
COUNTY OF DENVER



Subscribed and sworn to before me this 15th day of June, 2005.

My commission Expires: 11/12/06

Donald L. Marjerson  
Notary Public

## SURFACE DAMAGE AGREEMENT

THIS AGREEMENT dated May 24, 2005 between Ivan Rogers and Mary Afton Rogers, Husband & Wife, whose address is 8C69 Box 200, Randlett, UT 84063, hereinafter referred to as "Surface Owner", and Elk Resources, Inc., whose address is 1401 17th Street, Suite 700, Denver, CO 80202 hereinafter referred to as "Lessee".

WITNESSETH:

WHEREAS, Surface Owner represents that they are the owners in fee and in possession of the surface estate for the following described lands in Uintah County, Utah, hereinafter referred to as "Lands", to wit:

**TOWNSHIP 7 SOUTH, RANGE 20 EAST, S.L.M.**  
Section 16: SWSW

WHEREAS, Lessee has or will acquire certain leasehold interests in the oil and gas mineral estate in the LANDS and proposes to conduct drilling and subsequent production operations on the Lands; and

WHEREAS, Surface Owner is generally aware of the nature of the operations which may be conducted under oil and gas leases covering the mineral estate of the Lands; and

WHEREAS, the parties believe that it is in their mutual best interest to agree to the amount of damages to be assessed incident to the operations of Lessee on the premises in the exploration for, development and production of oil, gas and/or other leasehold substances under the terms of those certain oil and gas leases now owned or which may be acquired by Lessee covering portions of the mineral estate of the Lands; and,

WHEREAS, the parties believe that a reasonable estimate can be made of the damages which will result from the exploration, development and production operations contemplated by such oil and gas leases.

NOW, THEREFORE, in consideration of ten dollars and other valuable consideration, the sufficiency of which is hereby acknowledged, the parties agree as follows:

1. Lessee has the right of ingress and egress and to the use of those portions of the Lands which it requires for oil and gas exploration, development and production operations, including tank batteries and other production facilities and the transportation of produced substances from the leasehold, and also the right to construct and use roads and pipelines across portions of the Lands. Lessee shall pay Surface Owner as liquidated damages the following sum as full settlement and satisfaction of all damages growing out of, incident to, or in connection with the usual and customary exploration, drilling, completion, sidetracking, reworking, equipping and production operations, contemplated by the oil and gas leases covering the Lands, unless otherwise specifically provided herein:

a. Wellsites. \$ 3,580.00 for each wellsite located on the Lands, together with any lands used for production facilities or other necessary facilities in connection with the wellsites. If, by reasons directly resulting from the operations of Lessee, there is damage to real or personal property upon the Lands which is not associated with usual and customary operations, such as (but not limited to) damage to livestock, structures, buildings, fences, culverts, cement ditches, irrigation systems, and natural water ways, such damage will be repaired or replaced by Lessee, or Lessee will pay reasonable compensation to Surface Owner for such additional damage.

b. Access. For each new well pad, Operator shall pay to Owner an initial access fee of Ten dollars (\$10.00) per rod for use of existing roads on the Lands not previously being used by Operator, and Ten dollars (\$10.00) per rod for new roads constructed by Operator on the Lands.

c. Power Lines and Pipelines. For each new power line or new pipeline installed by Operator, Operator shall pay to Owner the sum of Ten dollars (\$10.00) per rod for each such line. Operator shall be responsible for back filling, re-packing, re-seeding, and re-contouring the surface so as not to interfere with Owner's operations. Operator shall provide Owner with a survey showing the location of all power lines, pipelines and gathering systems promptly after their installation. All pipelines and gathering systems located by Operator on the Lands shall be buried to a depth of at least three (3) feet below the surface, and surface marked in accordance with industry standards. All easements and rights-of-way for power lines and pipelines shall be fifty (50) feet in width during initial construction and reclamation activities, and after completion of initial construction and reclamation activities such easements and rights-of-way shall revert to twenty-five (25) feet in width being twelve and one-half (12.5) feet on each side of the centerline of the line. All power lines shall be installed underground to a depth of at least three (3) feet below the surface whenever reasonably practical to do so.

2. Lessee agrees to consult with the surface owner and/or tenant as to all routes of ingress and egress. Prior to the construction of any roads, pipelines, tank battery installations, or installation of any other equipment on the leased premises, Lessee shall consult with the surface owner and/or tenant as to the location and direction of same.

3. It is the intention of the parties hereto to cause as little interference with farming operations on the leased premises as reasonably possible, including but specifically not limited to the operation of any pivotal irrigation sprinkler system, or any other irrigation method. If any circular irrigation sprinkler system is in use at the time of initial drilling operations on the leased premises, then any subsequent production equipment, including but specifically not limited to pump jacks, hydraulic lifting equipment, or any other equipment necessary to produce any oil or gas from such well, shall be recessed to such depths, or ramps constructed, so as to allow the continued use of such circular irrigation system.

4. In the event any well hereunder is plugged and abandoned, Lessee agrees that Lessee will, within a reasonable time, restore Surface Owner's surface estate as near as practical to its original condition found prior to Lessee's operations. It is understood and agreed that Surface Owner may elect in writing, prior to cessation of operations of Lessee, to have any road constructed under the terms of this Agreement remain upon the property, in which event Lessee agrees to leave such road or roads in reasonable condition.

5. Lessee is responsible for acquiring all necessary permits, licenses, fees, etc. incident to its operations on the Lands.

6. In the event Surface Owner considers that Lessee has not complied with all its obligations hereunder, both express and implied, Surface Owner shall notify Lessee in writing, setting out specifically in what respects Lessee has breached this contract. Lessee shall then have sixty (60) days to meet or commence to meet all or any part of the breaches alleged by Surface Owner. The service of said notice shall be precedent to the bringing of any action by Surface Owner for any cause, and no such action shall be brought until the lapse of sixty (60) days after service of such notice on Lessee. In the event of litigation, the prevailing party's reasonable attorney's fees will be paid by the opposing party.

7. Lessee shall be responsible and shall remain liable for any environmental problems on the subject lands which are caused by or through its operations. To the extent that any such claims are asserted, Lessee will be responsible for any remediation required as provided by state regulations. This assumption of liability, however, does not include any third-party operations on the subject lands or any Surface Owner actions which could cause environmental problems but is limited solely to the actions of Lessee. Lessee hereby indemnifies and holds harmless Surface Owner from any and all environmental problems it causes on the Lands.

8. In the event Surface Owner owns less than the entire fee interest in the Lands, then any payment stated herein shall be proportionately reduced to the interest owned.

9. This Agreement shall remain in full force and effect from the date hereof and for so long thereafter as Lessee's oil and gas operations affecting the Lands are in effect.

10. When the word "Lessee" is used in this Agreement, it shall also mean the successors and assigns of Lessee, including but not limited to its employees and officers, agents, affiliates, contractors, subcontractors and/or purchasers.

11. This Agreement shall be binding upon and inure to the benefit of the heirs, successors and assigns of the parties.

#### ADDITIONAL PROVISIONS:

-Operator agrees to fence location and access road in such a manner as to turn livestock.

-Surface Owner agrees to allow Operator to use an amount of water not to exceed 1.5 acre feet in order to conduct Operations. Operator acknowledges that this is a one-time allotment, during drilling operations only, and not a permanent sale of any water rights. Operator agrees to consult with Surface Owner prior to filling the holding pond on the location and to do so in a timely fashion and in such a way as to not in any way interfere with Surface Owner's pivot irrigation system.

-This Agreement shall be site specific and apply only to the 40.00 acres described above.

-Operator agrees, as soon as is practicable after initial Operations are complete, to contract the initial location to as small an area as possible and to move as much equipment as is practicable into the extreme SW corner of said alfalfa field in order to interfere as little as possible with irrigation of the alfalfa field.

-Surface Owner acknowledges that payment received as damages for this Agreement constitutes payment in full and includes estimated compensation for lost income from alfalfa cultivation, compensation for reseeding field and compensation for lease of above outlined water rights. Any other unanticipated damages will be covered under Section 1, Subsection A of this Agreement.

SURFACE OWNER:

Ivan Rogers  
Ivan Rogers

Mary Afton Rogers  
Mary Afton Rogers

SS/Tax ID# 528-46-9414

STATE of Utah

ACKNOWLEDGEMENT-INDIVIDUAL

COUNTY of Uintah

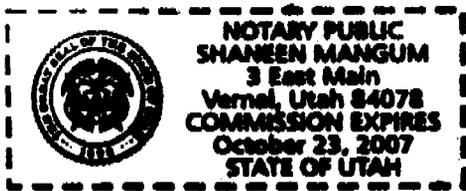
BEFORE ME, the undersigned, a Notary Public, in and for said County and State, on this 10<sup>th</sup> day of June, 2005, personally appeared Ivan Rogers and Mary Afton Rogers, Husband & Wife

identical person s that described in and who executed the within and foregoing instrument of writing and acknowledged to me t he y duly executed same as their free and voluntary act and deed for the uses and purposes therein set forth and in the capacity stated therein.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my notarial seal the day and year last above written.

My Commission Expires: 10-23-07

Shaneen Mangum  
Notary Public:  
Address: Verona, UT



**DESIGNATION OF AGENT OR OPERATOR**

The undersigned is, on record, the holder of oil and gas lease

**LEASE NAME:** Rogers  
**LEASE NUMBER:** Rogers 13-16

and hereby designates

**NAME:** Elk Resources, Inc.  
**ADDRESS:** 1401 17th St., Suite 700  
city Denver state CO zip 80202

as his (check one) agent  / operator , with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the Division Director or Authorized Agent may serve written or oral instructions in securing compliance with the Oil and Gas Conservation General Rules and Procedural Rules of the Board of Oil, Gas and Mining of the State of Utah with respect to:

(Describe acreage to which this designation is applicable. Identify each oil and gas well by API number and name. Attach additional pages as needed.)  
T7S R20E SLM, Section 16 SWSW

It is understood that this designation of agent/operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Oil and Gas Conservation General Rules and Procedural Rules of the Board of Oil, Gas and Mining of the State of Utah. It is also understood that this designation of agent or operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated agent/operator, the lessee will make full and prompt compliance with all rules, lease terms or orders of the Board of Oil, Gas and Mining of the State of Utah or its authorized representative.

The lessee agrees to promptly notify the Division Director or Authorized Agent of any change in this designation.

**Effective Date of Designation:** \_\_\_\_\_

**BY:** (Name) Darrin Henke  
(Signature) *D. Henke*  
(Title) Attorney-in-Fact  
(Phone) (303) 623-2300

*Bulky*

**OF:** (Company) EnCana Oil & Gas (USA) Inc.  
(Address) 370 17th Street, Suite 1700  
city Denver  
state CO zip 80202

**ELK RESOURCES, INC.**  
**ROGERS #13-16**  
 LOCATED IN UINTAH COUNTY, UTAH  
 SECTION 16, T7S, R20E, S.L.B.&M.

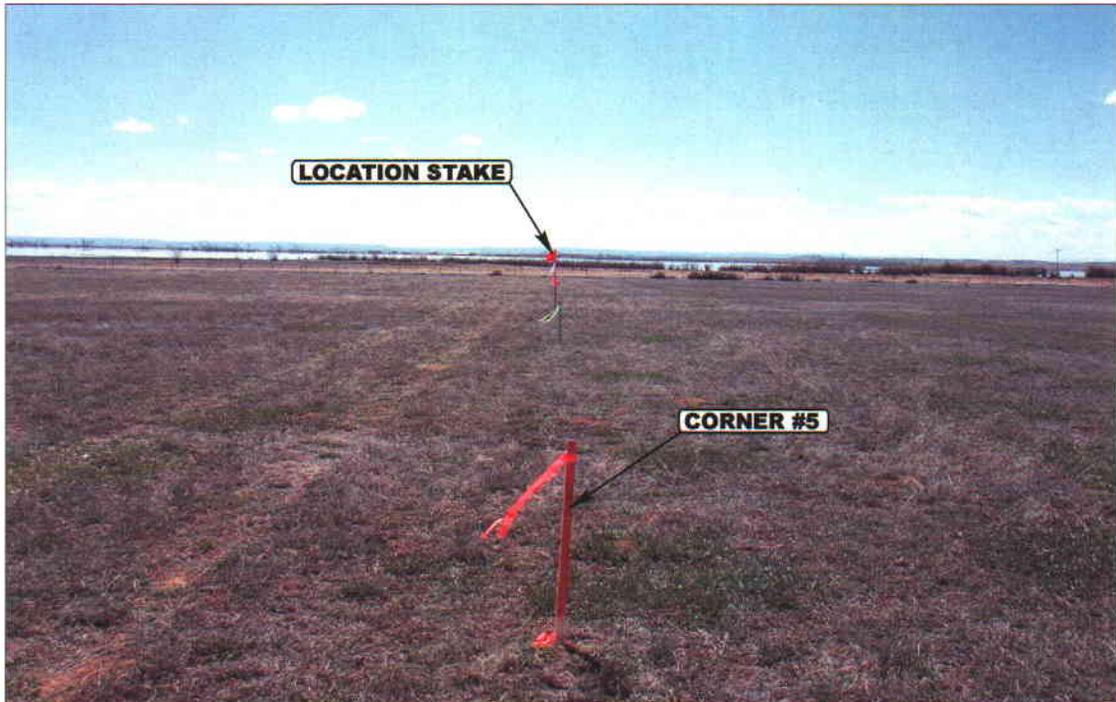


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHERLY

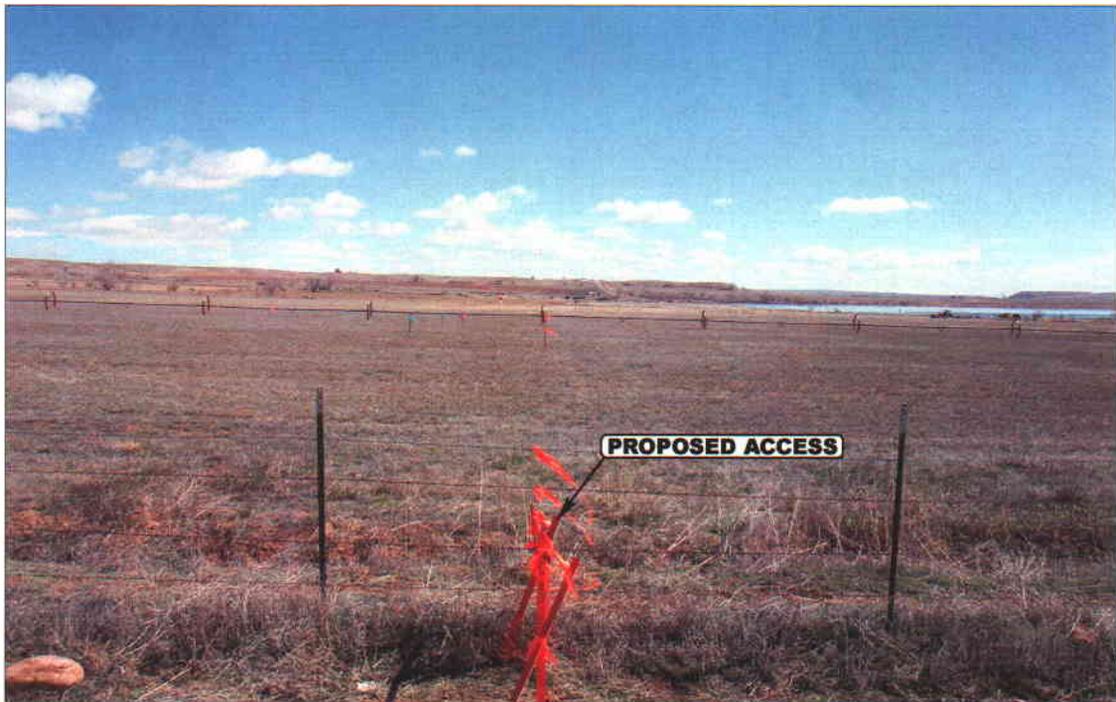


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: EASTERLY



- Since 1964 -

**UELS** Uintah Engineering & Land Surveying  
 85 South 200 East Vernal, Utah 84078  
 435-789-1017 uels@uelsinc.com

<b>LOCATION PHOTOS</b>	<b>03</b>	<b>23</b>	<b>05</b>	<b>PHOTO</b>
	MONTH	DAY	YEAR	
TAKEN BY: D.A.	DRAWN BY: C.P.		REVISED: 04-04-05	



**ELK RESOURCES, INC.**

**FIGURE #2**

**TYPICAL CROSS SECTIONS FOR**

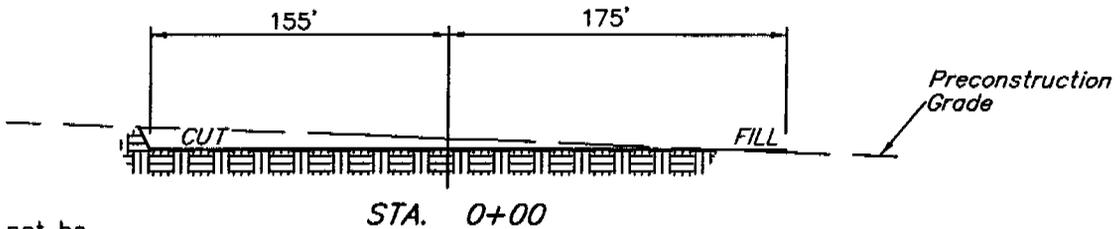
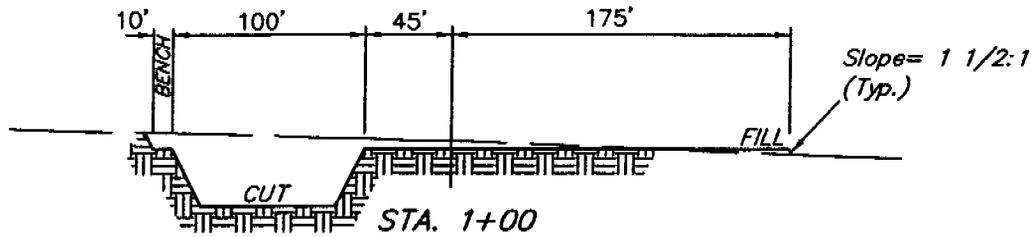
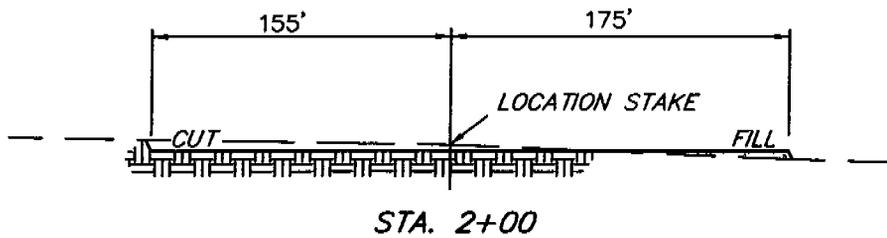
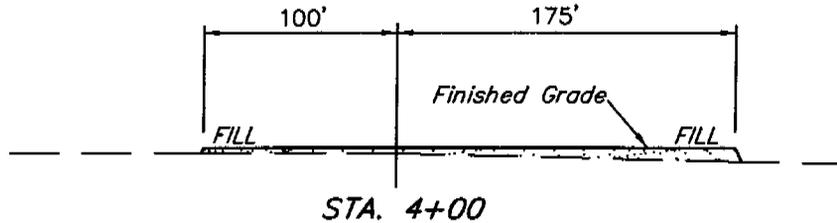
**ROGERS #13-16**

**SECTION 16, T7S, R20E, S.L.B.&M.**

**464' FSL 465' FWL**

1" = 40'  
X-Section Scale  
1" = 100'

DATE: 3-27-05  
Drawn By: K.G.  
Revised: 4-4-05



**NOTE:**

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

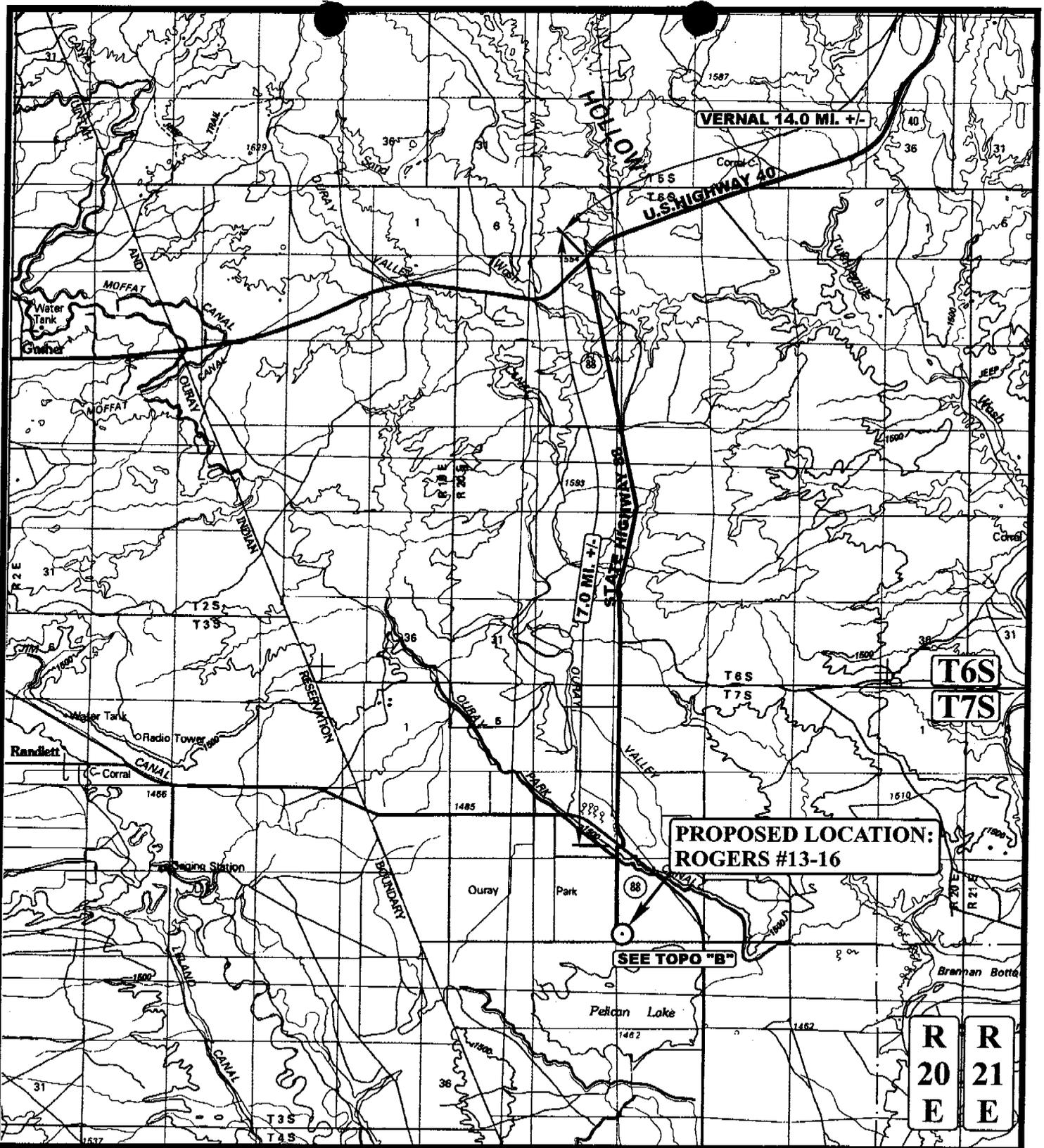
\* NOTE:  
FILL QUANTITY INCLUDES 5% FOR COMPACTION

**APPROXIMATE YARDAGES**

(12") Topsoil Stripping	= 4,780 Cu. Yds.
Remaining Location	= 7,440 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 12,220 CU.YDS.</b>
<b>FILL</b>	<b>= 4,510 CU.YDS.</b>

EXCESS MATERIAL	= 7,710 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 7,710 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 0 Cu. Yds.

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



**LEGEND:**

○ PROPOSED LOCATION



**ELK RESOURCES, INC.**

**ROGERS #13-16**  
**SECTION 16, T7S, R20E, S.L.B.&M.**  
**464' FSL 465' FWL**



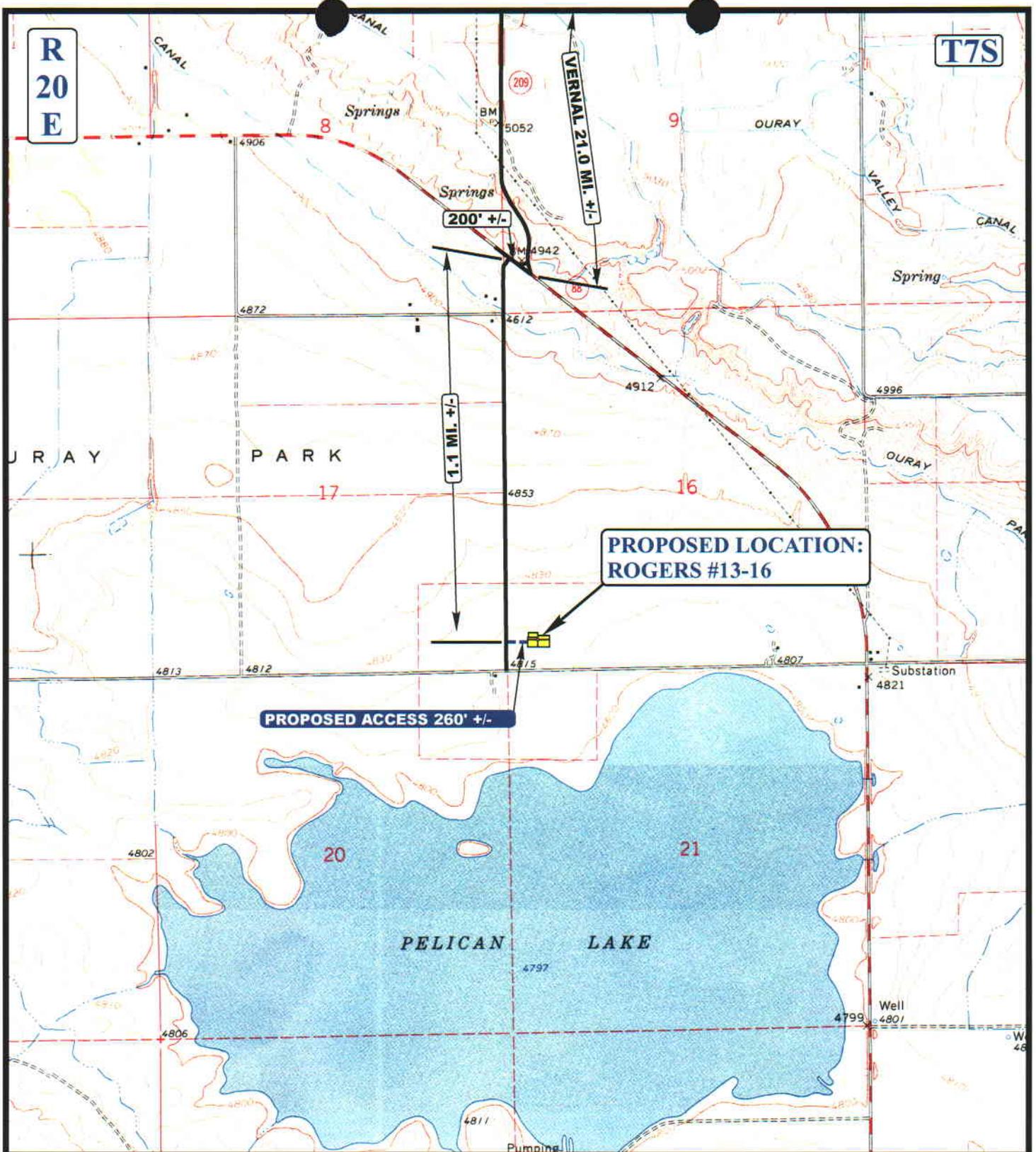
**Utah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC**  
**MAP**

<b>03</b>	<b>23</b>	<b>05</b>
MONTH	DAY	YEAR

SCALE: 1:100,000 DRAWN BY: C.P. REVISED: 04-04-05





**PROPOSED LOCATION:  
ROGERS #13-16**

**PROPOSED ACCESS 260' +/-**

**LEGEND:**

- EXISTING ROAD
- PROPOSED ACCESS ROAD

**ELK RESOURCES, INC.**

**ROGERS #13-16  
SECTION 16, T7S, R20E, S.L.B.&M.  
464' FSL 465' FWL**

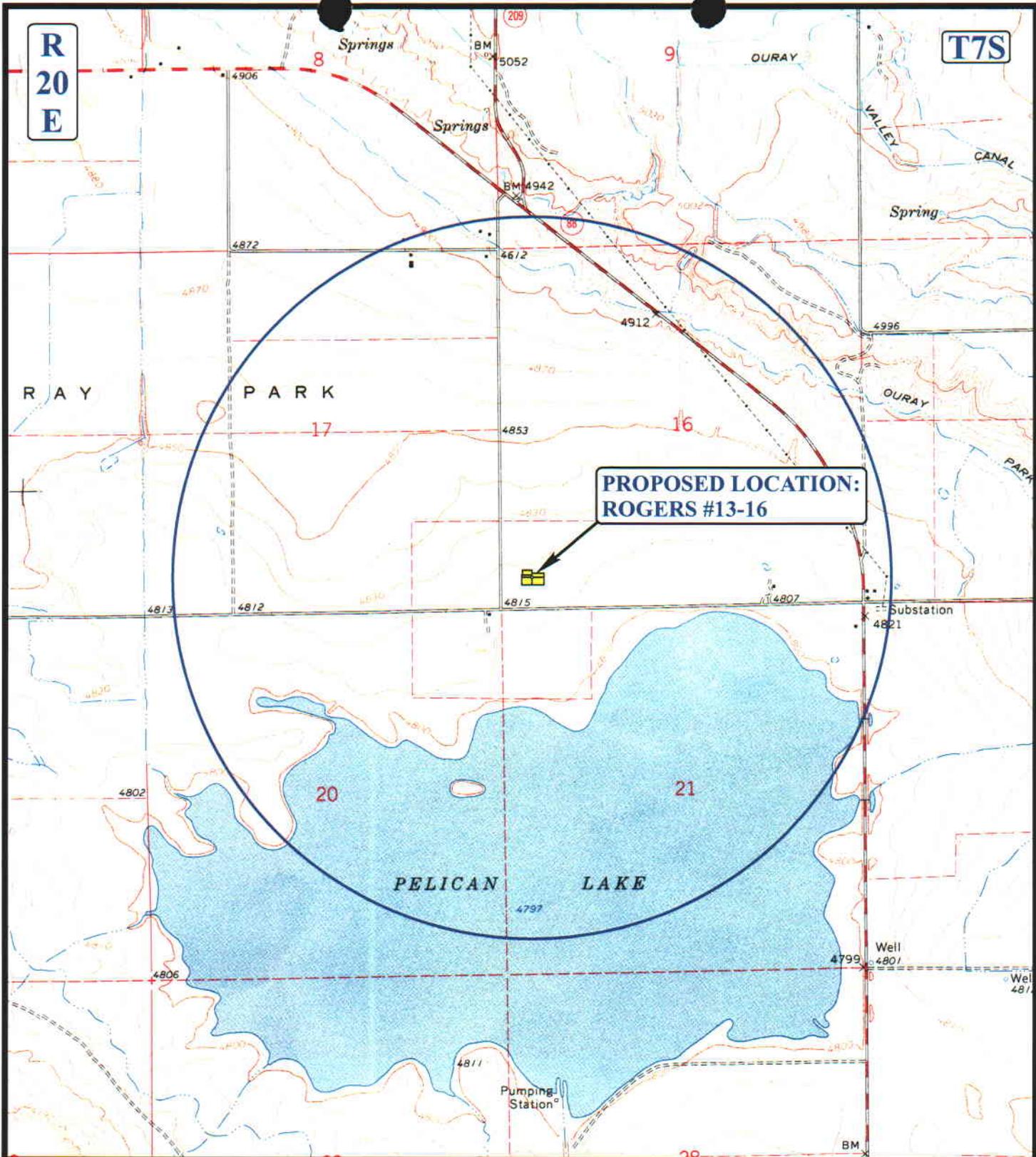


**Uintah Engineering & Land Surveying**  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813



**TOPOGRAPHIC MAP** 03 23 05  
MONTH DAY YEAR  
SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 04-04-05





**PROPOSED LOCATION:  
ROGERS #13-16**

**LEGEND:**

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



**ELK RESOURCES, INC.**

**ROGERS #13-16  
SECTION 16, T7S, R20E, S.L.B.&M.  
464' FSL 465' FWL**



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

**TOPOGRAPHIC MAP** 03 23 05  
MONTH DAY YEAR  
SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 04-04-05



**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 04/08/2005

API NO. ASSIGNED: 43-047-36538

WELL NAME: ROGERS 13-16  
 OPERATOR: ELK RESOURCES, INC. ( N2755 )  
 CONTACT: KARIN KUHN

PHONE NUMBER: 303-296-4505

PROPOSED LOCATION:

SWSW 16 070S 200E  
 SURFACE: 0464 FSL 0465 FWL  
 BOTTOM: 0464 FSL 0465 FWL  
 UINTAH  
 WILDCAT ( 1 )

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering	DKD	7/19/05
Geology		
Surface		

LEASE TYPE: 4 - Fee  
 LEASE NUMBER: FEE  
 SURFACE OWNER: 4 - Fee  
 PROPOSED FORMATION: MVRD  
 COALBED METHANE WELL? NO

LATITUDE: 40.20484  
 LONGITUDE: -109.6817

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[] Ind[] Sta[] Fee[]  
(No. B000969 )
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit  
(No. Numeric: PEP )
- RDCC Review (Y/N)  
(Date: \_\_\_\_\_ )
- Fee Surf Agreement (Y/N)

LOCATION AND SITING:

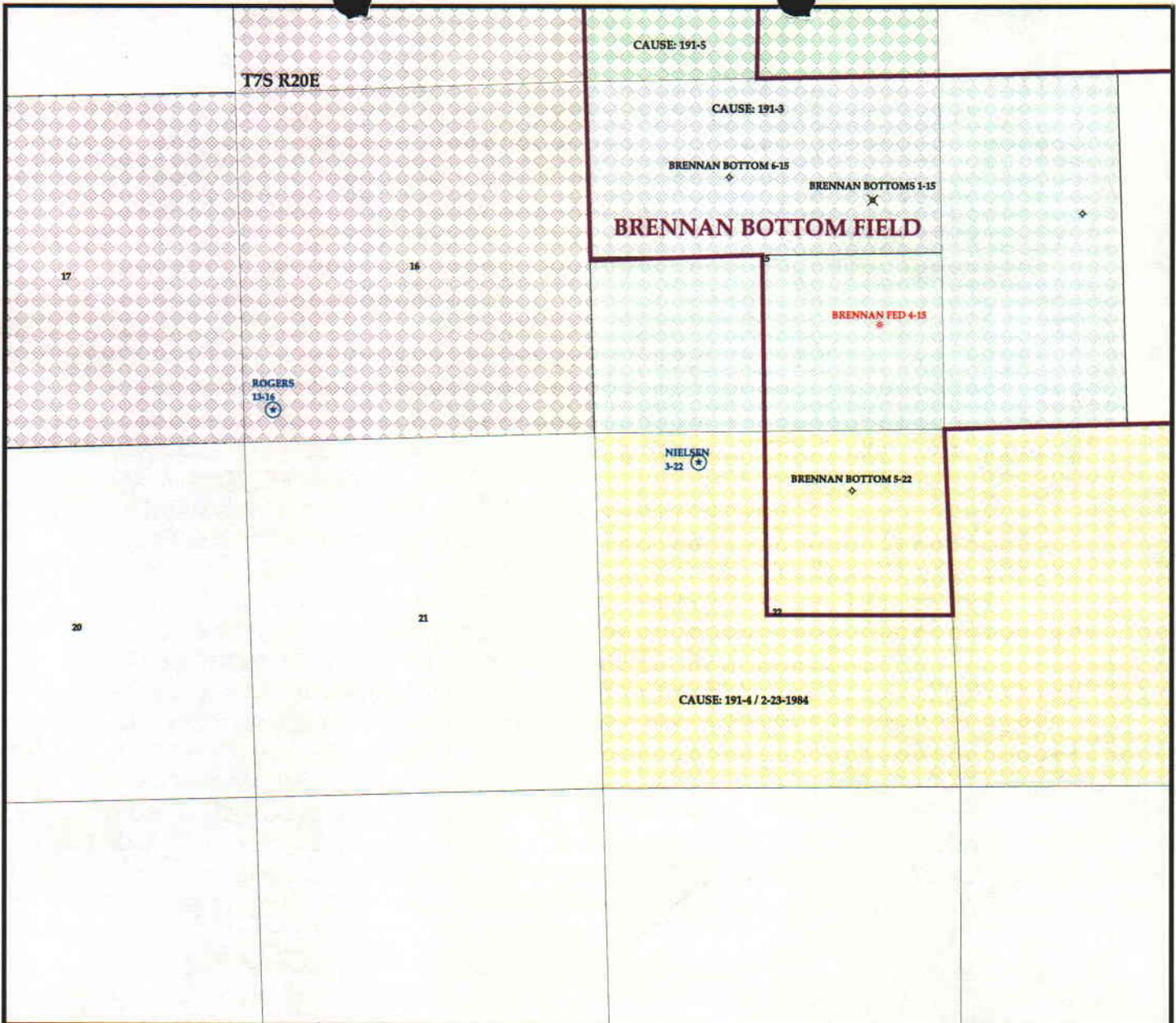
- \_\_\_\_ R649-2-3.  
Unit \_\_\_\_\_
- \_\_\_\_ R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit  
Board Cause No: 191-4  
Eff Date: 2-23-1984  
Siting: 500' fr unit boundry
- \_\_\_\_ R649-3-11. Directional Drill

COMMENTS:

Needs Permit (07-13-05)

STIPULATIONS:

1. STATEMENT OF BASIS
- 2- Surface Egr Cont Stip



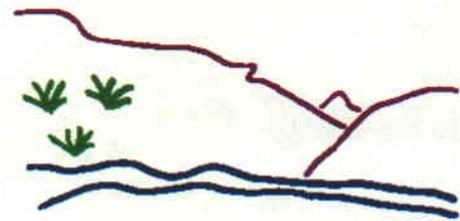
OPERATOR- ELK RESOURCES (N) 2755

SEC. 16 T.7S R.20E

FIELD: WILDCAT (001)

COUNTY: UINTAH

CAUSE: 191-4 / 2-23-1984



Utah Oil Gas and Mining

Wells

- ⚡ GAS INJECTION
- GAS STORAGE
- × LOCATION ABANDONED
- ⊙ NEW LOCATION
- ◇ PLUGGED & ABANDONED
- \* PRODUCING GAS
- PRODUCING OIL
- ☆ SHUT-IN GAS
- ➔ SHUT-IN OIL
- × TEMP. ABANDONED
- TEST WELL
- ▲ WATER INJECTION
- ♠ WATER SUPPLY
- ♠ WATER DISPOSAL

Units.shp

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

Fields.shp

- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED



PREPARED BY: DIANA WHITNEY  
DATE: 08-APRIL-2005

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

**OPERATOR:** ELK RESOURCES, INC.  
**WELL NAME & NUMBER:** RODGERS #13-16  
**API NUMBER:** 43-047-36538  
**LOCATION:** 1/4,1/4SW/SW Sec: 16 TWP: 7S RNG: 20E 465' FWL 464' FSL

**Geology/Ground Water:**

Elk proposes to set 80 feet of conductor pipe and 2,500 feet of surface pipe. Both are to be cemented to surface. The depth to the base of the moderately saline water at this location is estimated to be near the ground surface. A search of Division of Water Rights records shows 8 water wells within a 10,000 foot radius of the proposed location. These wells are more than a mile from the proposed location and are listed for domestic use and stock watering. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. The proposed casing and cement should adequately protect any useable ground water.

**Reviewer:** Brad Hill **Date:** 07-18-2005

**Surface:**

The predrill investigation of the surface was performed on 7/13/05. This site is on fee surface with FEE minerals, and appears to be the best site for a location in the immediate area. The surface owner Ivan Rodgers, and two sons in-law attended the on-site. Elk Resources was represented by Griz Oleen of Buys and Associates. A landowner agreement has been signed. Mr. Rodgers stated he had no specific concerns regarding the drilling of this well or the construction of this location. Mr. Rodgers asked that the location and access road be fenced with combination wire fence and a cattle guard and culvert be installed at the intersection with the County road. It is planned that all production facilities be located to the south of the location immediately adjacent to a County road.

**Reviewer:** Floyd Bartlett **Date:** 7/13/05

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

1. A synthetic liner with a minimum thickness of 12 mils shall be properly installed and maintained in the reserve pit.

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

OPERATOR: ELK RESOURCES, INC.

WELL NAME & NUMBER: RODGERS #13-16

API NUMBER: 43-047-36538

LEASE: PATENT/FEE FIELD/UNIT: WILDCAT

LOCATION: 1/4,1/4SW/SW Sec: 16 TWP: 7S RNG: 20E 465' FWL 464' FSL

LEGAL WELL SITING: 500 feet from the unit boundary.

GPS COORD (UTM): 4451116N 612202E

SURFACE OWNER: IVAN RODGERS

**PARTICIPANTS**

DAVID W. HACKFORD (DOGM), FLOYD BARTLETT (DOGM), GRIZ OLEEN (BUYS, REPRESENTING DOMINION), IVAN RODGERS (OWNER), LONNIE HOGAN (SON IN-LAW), WARD FARNSWORTH (SON IN-LAW)

**REGIONAL/LOCAL SETTING & TOPOGRAPHY**

SITE IS ON THE SOUTH WEST CORNER OF AN AGRICULTURAL FIELD WITH A GENTLE SLOPE DRAINING SOUTH TOWARD PELICAN LAKE WHICH IS 0.4 MILES AWAY. OURAY, UTAH IS SEVEN MILES TO THE SOUTH, AND ROOSEVELT, UTAH IS 16 MILES TO THE NORTHWEST. THIS ENTIRE SURROUNDING AREA IS IRRIGATED FARM LAND.

**SURFACE USE PLAN**

CURRENT SURFACE USE: IRRIGATED FARM LAND AND LIVESTOCK GRAZING.

PROPOSED SURFACE DISTURBANCE: LOCATION WILL BE 400' BY 275'. ACCESS ROAD WILL BE 260 FEET EAST FROM AN EXISTING COUNTY 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 LOCATED OFF THE LOCATION TO THE SOUTH IMMEDIATELY INSIDE THE PROPERTY AND ADJACENT TO A COUNTY ROAD. WELL HEAD AND LIFT SYSTEM WILL BE THE ONLY SURFACE FEATURES ON THE SITE.

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

ANCILLARY FACILITIES: NONE WILL BE REQUIRED.

WILL DRILLING AT THIS LOCATION GENERATE PUBLIC INTEREST OF CONCERNS? (EXPLAIN): POSSIBLY. PELICAN LAKE IS A POPULAR WARM WATER FISHERIES. FISHERMEN, WHO USE THE LAKE, THE UDWR WHICH MANAGES THE FISHERIES AND THE BLM WHICH MANAGES A BOAT RAMP-RECREATION DEVELOPMENT MAY HAVE CONCERNS ABOUT POTENTIAL DEGREDEDATION OF THE FISHERIES.

**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: IRRIGATED FARM LAND. THIS AREA TRADITIONALLY IS USED TO GROW ALFALFA AND PASTURE.

SOIL TYPE AND CHARACTERISTICS: LIGHT BROWN SANDY LOAM.

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

PALEONTOLOGICAL POTENTIAL: NONE OBSERVED.

**RESERVE PIT**

CHARACTERISTICS: 200' BY 100' AND TEN FEET DEEP.

LINER REQUIREMENTS (Site Ranking Form attached): A LINER WILL BE REQUIRED FOR RESERVE PIT.

**SURFACE RESTORATION/RECLAMATION PLAN**

AS PER LANDOWNER AGREEMENT

SURFACE AGREEMENT: YES

CULTURAL RESOURCES/ARCHAEOLOGY: SITE IS ON FEE SURFACE. OWNER STATED HE DID NOT DESIRE THAT AN ARCHEOLOGICAL SURVEY BE COMPLETED.

**OTHER OBSERVATIONS/COMMENTS**

OWNER, WITH DISCUSSION WITH HIS SONS IN LAW, STATED HE WANTED THE ACCESS ROAD FENCED ON BOTH SIDES WITH A COMBINATION WIRE FENCE AND A CULVERT AND CATTLEGUARD INSTALLED AT THE INTERSECTION WITH THE COUNTY ROAD. THE ACCESS ROAD WILL CROSS UNDERNEATH AN OVERHEAD POWERLINE, WHICH PARALLELS THE COUNTY ROAD. THIS PREDRILL INVESTIGATION WAS CONDUCTED ON A HOT, SUNNY DAY.

**ATTACHMENTS**

PHOTOS OF THIS SITE WERE TAKEN AND PLACED ON FILE.

DAVID W. HACK FORD AND FLOYD BARTLETT  
DOGM REPRESENTATIVE

7/13/05 1:00 PM  
DATE/TIME

**Evaluation Ranking Criteria and Ranking Scale  
For Reserve and Onsite Pit Liner Requirements**

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

**Final Score**                      37                      (Level I Sensitivity)

Sensitivity Level I = 20 or more; total containment is required.  
Sensitivity Level II = 15-19; lining is discretionary.  
Sensitivity Level III = below 15; no specific lining is required.







State Online Services

Agency List

Business.utah.gov

Search Utah.gov

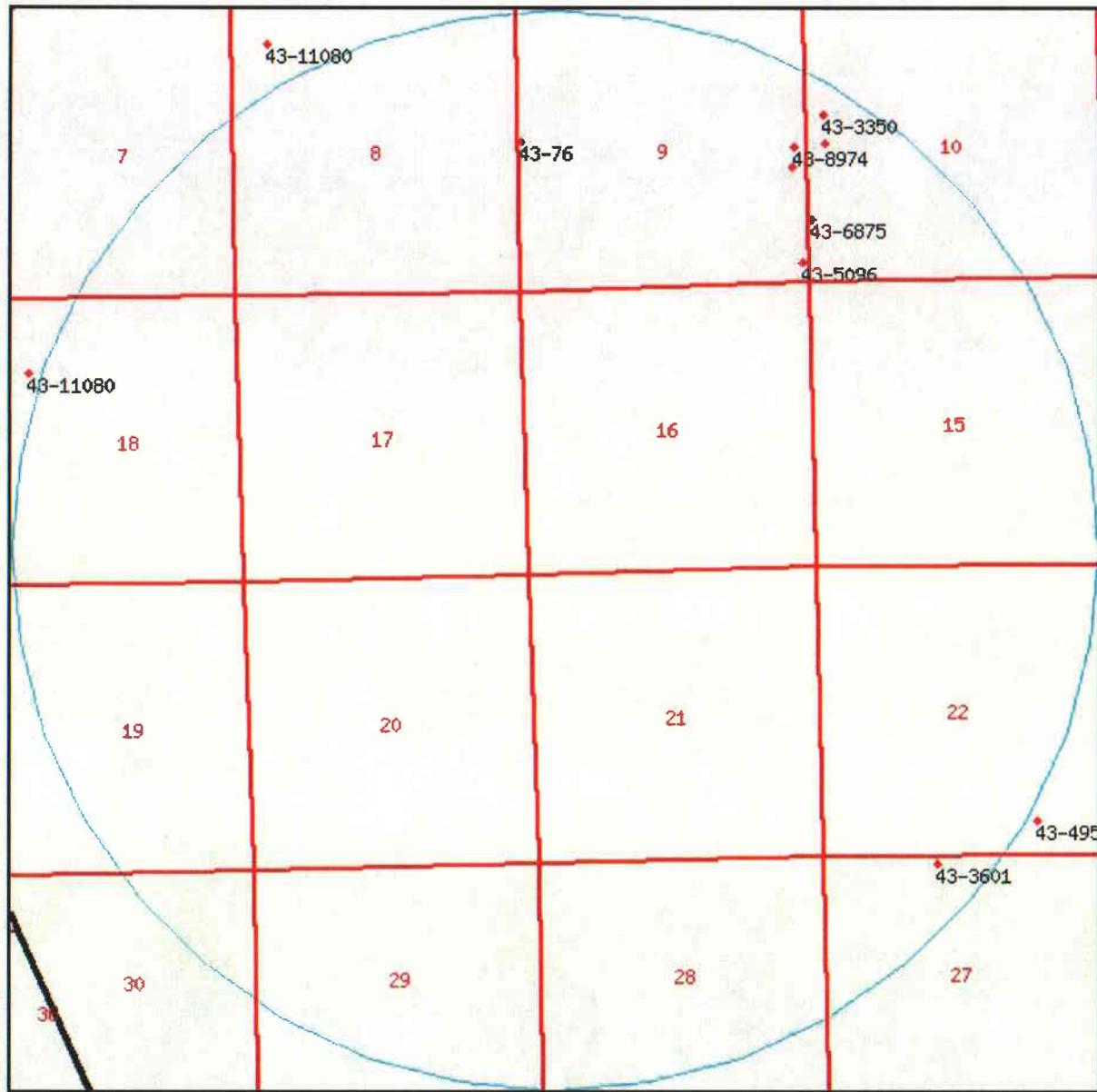


# UTAH DIVISION OF WATER RIGHTS

## WRPLAT Program Output Listing

Version: 2004.12.30.00      Rundate: 07/18/2005 02:53 PM

Radius search of 10000 feet from a point N464 E465 from the SW corner, section 16, Township 7S, Range 20E, SL b&m  
Criteria:wrtypes=W,C,E podtypes=U status=U,A,P usetypes=all



## Water Rights

WR Number	Diversion Type/Location	Well Log	Status	Priority	Uses	CFS	ACFT	Owner Name
43-11080	Underground S1320 E1320 NW 18 7S 20E SL		A	20000912	I	3.000	0.000	STEVEN W. HANBERG HC 69 BOX 129
43-11080	Underground S660 E660 NW 08 7S 20E SL		A	20000912	I	3.000	0.000	STEVEN W. HANBERG HC 69 BOX 129
43-11315	Underground S73 E343 E4 09 7S 20E SL		A	20021016	S	0.000	3.730	ALEX L. AND NELLIE BARNEY HC 69 BOX 168
43-3350	Underground N450 E300 W4 10 7S 20E SL		P	19461202	D	0.015	0.000	RALPH DURFEE RANDLETT UT
43-3601	Underground S135 E2040 NW 27 7S 20E SL		P	19601209	S	0.010	0.000	H. ARVENE COOPER 1200 SOUTH 500 WEST
43-4953	Underground N629 W1557 SE 22 7S 20E SL		P	19340920	DS	0.033	0.000	I. S. EKSUND LEOTA UT
43-5096	Underground N375 W125 SE 09 7S 20E SL		P	19661213	IS	0.100	0.000	ALEX L. AND NELLIE BARNEY H C 69 BOX 168
43-6875	Underground N1150 E40 SW 10 7S 20E SL	well info	P	19720503	DIS	0.027	0.000	ROBERT MARSHALL RANDLETT UT 84063
43-76	Underground N120 E50 W4 09 7S 20E SL		P	19671120	DIS	0.038	0.000	DENNY V. LABRUM RANDLETT UT 84063
43-8620	Underground		A	19800513	DIS	0.015	0.000	ALEX AND NELLIE BARNEY

43-8974 S525 W275 E4 09 7S 20E SL  
Underground  
S135 W233 E4 09 7S 20E SL

A 19810508 DIS 0.015 0.000 RAY W. BARNEY  
STAR ROUTE

[Natural Resources](#) | [Contact](#) | [Disclaimer](#) | [Privacy Policy](#) | [Accessibility Policy](#)

07-05 Elk Resources Rogers -16  
Casing Schematic

Surface

Strip-TOC Surface

8-5/8"  
MW 8.5  
Frac 19.3

TOC @ 351.  
600' Utda  
Surface 2500. MD

w/18% Washout  
✓ Surface w/ 12% Washout

TOC @ 2992.

3400' Green River

Propose: TOC 500' above productive zone or Above base Surface shoe.

7300 Wasatch

✓ w/15% Washout  
TOC 2280' w/12% Washout

9700 Mesaverde

5-1/2"  
MW 9.

Production 11000. MD

BHP  
 $(.052)(9)(11,000) = 5148$

Gas  
 $(.12)(11,000) = 1320$   
MASP = 3828

Mud  
 $(.22)(11,000) = 2420$   
MASP = 2728

BOPE - 3,000 ✓ o.k.

Surf csg - 3930  
 $(70\% = 2751)$

Mat pressure @ shoe = 3278  
TEST TO 2700# ✓

✓ Adequate DWD 7/19/05

Well name:

### 07-05 Elk Resources Rogers 13-16

Operator: **Elk Resources Inc**

String type: **Surface**

Project ID:

43-047-36538

Location: **Uintah County**

#### Design parameters:

##### Collapse

Mud weight: 8.500 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: 110 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 350 ft

Cement top: 352 ft

##### Burst

Max anticipated surface pressure: 2,200 psi  
Internal gradient: 0.120 psi/ft  
Calculated BHP 2,500 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: 2,184 ft

Completion type is subs  
Non-directional string.

#### Re subsequent strings:

Next setting depth: 11,000 ft  
Next mud weight: 9.000 ppg  
Next setting BHP: 5,143 psi  
Fracture mud wt: 19,250 ppg  
Fracture depth: 2,500 ft  
Injection pressure 2,500 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)	Internal Capacity (ft <sup>3</sup> )
1	2500	8.625	32.00	J-55	ST&C	2500	2500	7.875	158.8

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	1104	2530	2.292	2500	3930	1.57	70	372	5.32 J

Prepared by: Clinton Dworshak  
Utah Div. of Oil & Mining

Phone: 801-538-5280  
FAX: 801-359-3940

Date: July 19, 2005  
Salt Lake City, Utah

#### Remarks:

Collapse is based on a vertical depth of 2500 ft, a mud weight of 8.5 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

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

Well name:

**07-05 Elk Resources Rogers 13-16**

Operator: **Elk Resources Inc**

String type: Production

Project ID:

43-047-36538

Location: Uintah County

**Design parameters:**

**Collapse**

Mud weight: 9.000 ppg  
Design is based on evacuated pipe.

**Minimum design factors:**

**Collapse:**

Design factor 1.125

**Environment:**

H2S considered? No  
Surface temperature: 75 °F  
Bottom hole temperature: 229 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 1,500 ft

**Burst:**

Design factor 1.00

Cement top: 2,992 ft

**Burst**

Max anticipated surface pressure: 415 psi  
Internal gradient: 0.430 psi/ft  
Calculated BHP 5,143 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)

Completion type is subs  
Non-directional string.

Tension is based on buoyed weight.  
Neutral point: 9,499 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	11000	5.5	17.00	N-80	LT&C	11000	11000	4.767	379.1
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	5143	6290	1.223	5143	7740	1.51	161	348	2.16 J

Prepared by: Clinton Dworshak  
Utah Div. of Oil & Mining

Phone: 801-538-5280  
FAX: 801-359-3940

Date: July 19,2005  
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 11000 ft, a mud weight of 9 ppg The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

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

**Clinton Dworshak - Rogers 13-16, SWSW 16-7S-20E - APD**

---

**From:** "Karin Kuhn" <kkuhn@elkresources.net>  
**To:** <clintondworshak@utah.gov>  
**Date:** 7/19/2005 11:14 AM  
**Subject:** Rogers 13-16, SWSW 16-7S-20E - APD

---

Clint:  
Here is the information you requested for the subject APD:  
Surface Casing yield: Lead – 1.78 cuft/sx, Tail – 1.20 cuft/sx  
Production String: Lead – 100 sx; Tail – 1500 sx  
Please let me know if you need additional information.

Karin Kuhn  
Engineering Technician  
Elk Resources, Inc.  
1401 17th Street, Suite 700  
Denver, CO 80202  
303-339-1919 - direct  
303-296-4506 - fax  
kkuhn@elkresources.net

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**State of Utah**

**Department of  
Natural Resources**

MICHAEL R. STYLER  
*Executive Director*

**Division of  
Oil, Gas & Mining**

JOHN R. BAZA  
*Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

July 19, 2005

Elk Resources, Inc.  
1401 17th St., Suite 700  
Denver, CO 80202

Re: Rogers 13-16 Well, 464' FSL, 465' FWL, SW SW, Sec. 16,  
T. 7 South, R. 20 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 43-047-36538.

Sincerely,

Gil Hunt  
Acting Associate Director

pab  
Enclosures

cc: Uintah County Assessor

**Operator:** Elk Resources, Inc.  
**Well Name & Number** Rogers 13-16  
**API Number:** 43-047-36538  
**Lease:** Fee

**Location:** SW SW                      **Sec.** 16                      **T.** 7 South                      **R.** 20 East

### Conditions of Approval

1. General

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

2. Notification Requirements

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- 24 hours prior to cementing or testing casing
- 24 hours prior to testing blowout prevention equipment
- 24 hours prior to spudding the well
- within 24 hours of any emergency changes made to the approved drilling program
- prior to commencing operations to plug and abandon the well

The following are Division of Oil, Gas and Mining contacts and their work telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at (801) 538-5338
- Carol Daniels at (801) 538-5284 (spud)

3. Reporting Requirements

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

4. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

5. Surface casing shall be cemented to the surface.

**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.

		5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA
		7. UNIT or CA AGREEMENT NAME: Aurora "Deep" Unit
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		8. WELL NAME and NUMBER: Rogers 13-16
2. NAME OF OPERATOR: Elk Resources, Inc.		9. API NUMBER: 4304736538
3. ADDRESS OF OPERATOR: 1401 17th. St., Suite 700 CITY Denver STATE CO ZIP 80202	PHONE NUMBER: (303) 296-4505	10. FIELD AND POOL, OR WILDCAT: Wildcat
4. LOCATION OF WELL FOOTAGES AT SURFACE: 464' FSL, 465' FWL		COUNTY: Uintah
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW 16 7S 20E		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: <u>8/29/2005</u>	<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 checked="" 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 checked="" 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 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.

It is requested that Elk Resources be allowed to alter the casing program for the referenced well. This request is prompted by loss of circulation problems experienced on the one mile offset Nielsen #3-22 well. We propose to increase the conductor size to 20 inch from 13-3/8 inch and set at 60' in 26" hole. We propose to drill a 14-3/4" hole and set a string of 11-3/4", 42#, H-40 casing at 850' into the Uinta formation. We will drill an 11" hole to 4400'. If no significant loss of returns is experienced to this point with a mud weight of 9.0 ppg, hole size will be reduced to 7-7/8" and the drilling will continue to a revised TD of 10,000' where 5-1/2" casing will be run if it is determined that the well is to be completed. If significant loss of returns is experienced prior to 4400', a string of 8-5/8", 32#, K-55 casing will be set at 4400'.

The 20" conductor will be cemented with 200 sx class G with 2% CaCl.

The 11-3/4" surface will be cemented to surface with 280 sx of light weight with 1% CaCl and 1/4# celloflake mixed at 12.8 ppg yielding 1.78 cu ft/ sx. This will be followed by 200 sx Type V containing 2% CaCl and 1/4 # celloflake mixed at 15.6 ppg yielding 1.2 cu ft/ sx.

If run, the 8-5/8" casing will be cemented in two stages with stage collar placed at approximately 3700', 300' above a potential loss zone. The first stage will be cemented with 225 sx 50/50 poz containing 2% CaCl and assorted LCM mixed 14.3 ppg with a 1.25 yield. The second stage will be 450 sx of same except without LCM Top of cement is estimated to reach approximately 2000' from surface covering all potential Uinta gas intervals.

The 5-1/2" cementation program will remain unchanged from original drilling plan.

COPIES SENT TO OPERATOR  
DATE: 8-22-05  
BY: [Signature]

NAME (PLEASE PRINT) <u>Karin Kuhn</u>	TITLE <u>Engineering Technician</u>
SIGNATURE <u>[Signature]</u>	DATE <u>8/17/2005</u>

**RECEIVED**  
**AUG 18 2005**

(This space for State use only)

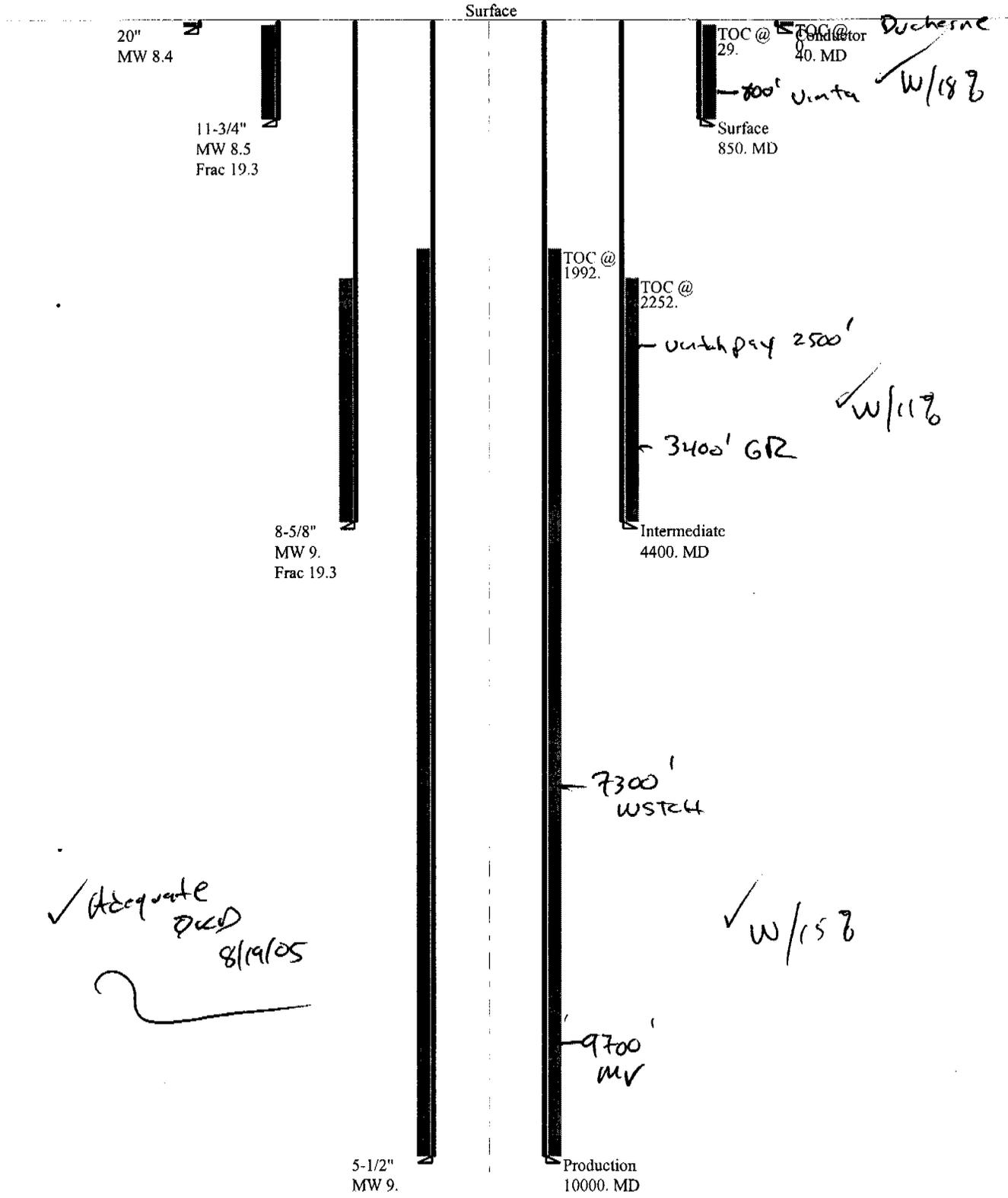
APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING  
DATE: 8/19/05  
[Signature]

(See instructions on Reverse Side)

DIV. OF OIL, GAS & MINING

# 7-05 Elk Resources Rogers 16-16

## Casing Schematic



Well name:	<b>07-05 Elk Resources Rogers 13-16</b>		
Operator:	<b>Elk Resources Inc</b>		Project ID:
String type:	Surface		43-047-36538
Location:	Uintah County		

**Design parameters:**

**Collapse**  
Mud weight: 8.500 ppg  
Design is based on evacuated pipe.

**Minimum design factors:**

**Collapse:**  
Design factor 1.125

**Environment:**

H2S considered? No  
Surface temperature: 75 °F  
Bottom hole temperature: 87 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 350 ft

**Burst:**  
Design factor 1.00

Cement top: 29 ft

**Burst**

Max anticipated surface pressure: 748 psi  
Internal gradient: 0.120 psi/ft  
Calculated BHP 850 psi

**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)

Completion type is subs  
Non-directional string.

No backup mud specified.

Tension is based on buoyed weight.  
Neutral point: 743 ft

**Re subsequent strings:**

Next setting depth: 10,000 ft  
Next mud weight: 9.000 ppg  
Next setting BHP: 4,675 psi  
Fracture mud wt: 19.250 ppg  
Fracture depth: 850 ft  
Injection pressure 850 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)	Internal Capacity (ft <sup>3</sup> )
1	850	11.75	42.00	H-40	ST&C	850	850	10.959	70.5

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	375	1040	2.771	850	1980	2.33	31	307	9.83 J

Prepared by: Clinton Dworshak  
Utah Div. of Oil & Mining

Phone: 801-538-5280  
FAX: 801-359-3940

Date: August 19, 2005  
Salt Lake City, Utah

**Remarks:**

Collapse is based on a vertical depth of 850 ft, a mud weight of 8.5 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:

**07-05 Elk Resources Rogers 13-16**

Operator: **Elk Resources Inc**

String type: Intermediate

Project ID:

43-047-36538

Location: Uintah County

**Design parameters:**

**Collapse**

Mud weight: 9.000 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: 137 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 1,500 ft

Cement top: 2,252 ft

**Burst**

Max anticipated surface pressure: 3,480 psi  
Internal gradient: 0.120 psi/ft  
Calculated BHP 4,008 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: 3,812 ft

Completion type is subs  
Non-directional string.

**Re subsequent strings:**

Next setting depth: 11,000 ft  
Next mud weight: 8.400 ppg  
Next setting BHP: 4,800 psi  
Fracture mud wt: 19.250 ppg  
Fracture depth: 10,000 ft  
Injection pressure 10,000 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)	Internal Capacity (ft³)
1	4400	8.625	32.00	K-55	ST&C	4400	4400	7.875	279.5
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	2057	2530	1.230	4008 <i>C. 22K 3708</i>	3930	0.98	122	402	3.30 J

Prepared by: Clinton Dworshak  
Utah Div. of Oil & Mining

Phone: 801-538-5280  
FAX: 801-359-3940

Date: August 19, 2005  
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 4400 ft, a mud weight of 9 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

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

FORM 6

**ENTITY ACTION FORM**

Operator: Elk Resources, Inc.  
Address: 1401 17th Street, Suite 700  
city Denver  
state CO zip 80202

Operator Account Number: N 2755  
Phone Number: (303) 296-4505

**Well 1**

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304736538	Rogers 13-16		SWSW	16	7S	20E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	99999	14989	8/19/2005		10/20/05		
Comments: Set conductor pipe. MIRU and began drlg hole for surface csg on 10/14/05. <i>MVRD Aurora Deep</i>							<b>CONFIDENTIAL</b>

**Well 2**

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

**Well 3**

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							<b>RECEIVED</b> <b>OCT 14 2005</b>

**ACTION CODES:**

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

DIV. OF OIL, GAS & MINING

Karin Kuhn  
Name (Please Print)  
*Karin Kuhn*  
Signature  
Engineering Technician  
Title

10/14/2005  
Date

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

CONFIDENTIAL

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>			5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.			6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA
			7. UNIT or CA AGREEMENT NAME: Aurora "Deep" Unit
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		8. WELL NAME and NUMBER: Rogers 13-16	
2. NAME OF OPERATOR: Elk Resources, Inc.		9. API NUMBER: 4304736538	
3. ADDRESS OF OPERATOR: 1401 17th. St., Suite 700 CITY Denver STATE CO ZIP 80202		PHONE NUMBER: (303) 296-4505	10. FIELD AND POOL, OR WILDCAT: Wildcat
4. LOCATION OF WELL FOOTAGES AT SURFACE: 464' FSL, 465' FWL			COUNTY: Uintah
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW 16 7S 20E			STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of work completion: _____	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Spud Well
	<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 subject well was spud on 8/19/05. Conductor pipe was set and cemented in place. The Nabors Rig #445 was moved in and rigged up. On 10/14/05, a 14 3/4" hole was drilled from 60' to 260'. Currently we are drilling ahead.

NAME (PLEASE PRINT) <u>Karin Kuhn</u>	TITLE <u>Engineering Technician</u>
SIGNATURE 	DATE <u>10/14/2005</u>

(This space for State use only)

**RECEIVED**  
**OCT 1 / 2005**

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 checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
2. NAME OF OPERATOR: Elk Resources, Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA
3. ADDRESS OF OPERATOR: 1401 17th. St., Suite 700 CITY Denver STATE CO ZIP 80202		7. UNIT OR CA AGREEMENT NAME: Aurora "Deep" Unit
4. LOCATION OF WELL FOOTAGES AT SURFACE: 464' FSL, 465' FWL		8. WELL NAME and NUMBER: Rogers 13-16
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW 16 7S 20E		9. API NUMBER: 4304736538
COUNTY: Uintah STATE: UTAH		10. FIELD AND POOL, OR WILDCAT: Wildcat
PHONE NUMBER: (303) 296-4505		

CONFIDENTIAL

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: <u>10/7/2005</u>	<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 checked="" 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 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.

Due to the availability of a larger rig with the capabilities of drilling deeper, the subject well will be drilled to a TD of 10,700' in the Mesa Verde rather than 10,000' as per the sundry dated 8/17/2005, revising the casing program. The additional depth will be cased with 5 1/2", 17#, P-110 casing. The revised cement program is as follows:

Stage 1: 865 sx 50/50 Poz Premium AG containing 2% gel, .6% Halad 322, 5% salt (bwow), 1#/sk gilsonite, .25#/sk flocele. Mixed 14.35#/gal. Yield 1.26ft<sup>3</sup>/sk

To cement 6000' to 4000' above DV tool at 6000':

Stage 2: 340 sx 50/50 Poz Premium AG containing 2% gel, .6% Halad 322, 5% salt (bwow), 3#/sk gilsonite, .25#/sk flocele. Mixed 14.35#/gal. Yield 1.26ft<sup>3</sup>/sk

COPY SENT TO OPERATOR  
DATE: 11-9-05  
BY: CHD

NAME (PLEASE PRINT) Karin Kuhn TITLE Engineering Technician

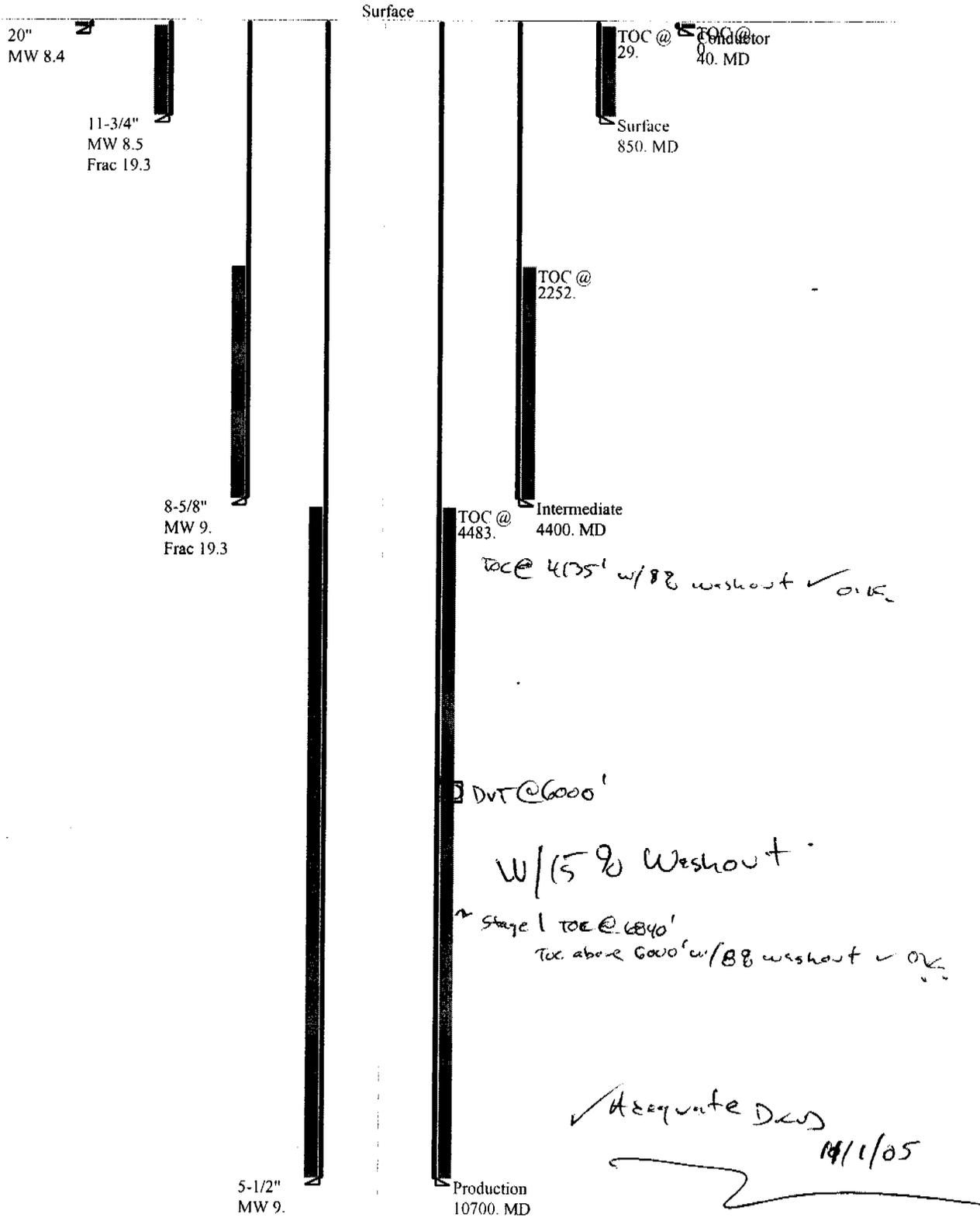
SIGNATURE [Signature] DATE 10/27/2005

(This space for State use only)

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING  
DATE: 11/1/05  
BY: [Signature] (See Instructions on Reverse Side)

RECEIVED  
OCT 28 2005  
DIV. OF OIL, GAS & MINING

07-05 Elk Resources Rogers -16  
Casing Schematic



Well name:

**07-05 Elk Resources Rogers 13-16**

Operator: **Elk Resources Inc**

String type: **Production**

Project ID:

43-047-36538

Location: **Uintah County**

**Design parameters:**

**Collapse**

Mud weight: 9.000 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: 225 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 1,500 ft

Cement top: 4,483 ft

**Burst**

Max anticipated surface pressure: 404 psi  
Internal gradient: 0.430 psi/ft  
Calculated BHP 5,003 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)

Completion type is subs  
Non-directional string.

Tension is based on buoyed weight.

Neutral point: 9,240 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	10700	5.5	17.00	P-110	LT&C	10700	10700	4.767	368.7
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	5003	7480	1.495	5003	10640	2.13	157	445	2.83 J

Prepared by: Clinton Dworshak  
Utah Div. of Oil & Mining

Phone: 801-538-5280  
FAX: 801-359-3940

Date: November 1, 2005  
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 10700 ft, a mud weight of 9 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

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

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

FORM 9

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4. LOCATION OF WELL FOOTAGES AT SURFACE: 464' FSL, 465' FWL COUNTY: Uintah		10. FIELD AND POOL, OR WILDCAT: Wildcat
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW 16 7S 20E STATE: UTAH		

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

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	<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 TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" 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>Drilling Operations Update</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.

Attached is a summary of drilling operations from spud until present.

NAME (PLEASE PRINT) <u>Karin Kuhn</u>	TITLE <u>Engineering Technician</u>
SIGNATURE	DATE <u>12/8/2005</u>

(This space for State use only)

**RECEIVED**  
**DEC 12 2005**

Rogers 13-16  
API: 4304736538  
Aurora Deep Unit  
SWSW Section 16-T7S-R20E  
Uintah County, UT  
Attachment to Sundry Drilling Operations Update

### Drilling Operations Update

The subject well was spud on 8/19/05. Conductor pipe was set and cemented in place.

The Nabors Rig #445 was moved in and rigged up. On October 14, 2005, a 14-3/4" hole was drilled from 60' to 879'. Ran 20 jts 11 3/4", 42#, H-40, ST&C surface casing and was set @ 878.5'. The surface casing was cemented with 660 sx Class "V" (140 bbls slurry) cement on October 16, 2005.

Cement was drilled out and an 11" hole was drilled and surveyed from 879' to 1654'. On October 21, 2005, rigged up Halliburton and plugged back hole to 1163' with 465 sx Class "G" cement. Tripped in hole with directional tools and slide drilled from 1143'-1163'. Washed and reamed from 867' to cmt top @ 1118'. Slide drilled from 1163' to 1189'. Rotate and drill to 1253'. Drill and survey to 3582'. Worked stuck pipe. Commenced fishing operations on November 2, 2005 through November 13, 2005. Began drilling new hole again on November 14. Drilled and surveyed 3582'-4435'.

On November 16, 2005 ran Dual Induction/Guard Log/GR and Compensated Density/Compensated Neutron/GR logs; ran 104 jts 8 5/8", 32#, J-55, ST&C casing and set @ 4421'. Cement casing in place Lead 1 with 1338 sx Hi Fill "V", Lead 2 with 600 sx 50/50 Poz "AG"; Tailed with 1110 sx Premium Plus. Drilled out cement and began drilling new hole on November 20, 2005.

Drilled from 4435' to 7773'. Collars became stuck on November 26, 2005. Washed and reamed at various depths through December 6, 2005 also have been plagued with excessive rig repairs. Currently attempting to screw into fish @ 6898'.

RECEIVED  
DEC 12 2005  
DIV. OF OIL, GAS & MINING

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

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

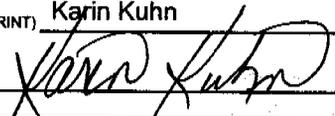
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STATE: UTAH		

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	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Drilling Operations</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<u>Update - 013006</u>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
Attached is a brief summary of drilling operations from 12/31/05 until present 01/30/06.

NAME (PLEASE PRINT) <u>Karin Kuhn</u>	TITLE <u>Engineering Technician</u>
SIGNATURE 	DATE <u>1/30/2006</u>

(This space for State use only)

RECEIVED  
FEB 01 2006

Rogers 13-16  
API: 4304736538  
Aurora Deep Unit  
SWSW Section 16-T7S-R20E  
Uintah County, UT  
Attachment to Sundry Drilling Operations Update

**Drilling Operations Update – as of 1/30/06**

On 1/3/06, 5 ½", 17#, N-80, LT&C casing was set @ 9509' and was cemented with 250 sx HiFill (Yield 3.84, 171 bbls slurry), and tailed with 740 sx 50/50 Poz (Yield 1.26, 166 bbls slurry). Bumped plug, held ok.

The Nabors rig #445 was released on 1/6/06.

Baker Atlas ran the following logs on 1/13-14/06: RPM, X-Mac, Radi/Bond, Multipole Array Acoustilog/Compressional & Shear Slowness Log, Multipole Array Acoustilog/Acoustic and Neutron Porosity. Estimated top of cement @ 6890'.

Currently well is shut in waiting for a completion rig. Anticipate commencing completion operations around 2/3/06 or early the week of 2/6/06.

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

FORM 9

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QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW 16 7S 20E		COUNTY: Uintah
		STATE: UTAH

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	<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>Drilling Operations</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	Update - 03-07-06

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

Below is an update of completion operations from 02-24-06 to present 03-07-06:

Finished swab testing well. Ran 2 7/8" tbg to 8250'.

Ran rods and pump. Set pumping unit. Turned well to production on 2/28/06. Well is currently making water and some gas. Completion report to be submitted as soon as possible.

NAME (PLEASE PRINT) <u>Karin Kuhn</u>	TITLE <u>Engineering Technician</u>
SIGNATURE	DATE <u>3/7/2006</u>

(This space for State use only)

**RECEIVED**  
**MAR 10 2006**

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

AMENDED REPORT  FORM 8  
(highlight changes)

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  OTHER   
 b. TYPE OF WORK: NEW WELL  HORIZ. LATS.  DEEP-EN.  RE-ENTRY  DIFF. RESVR.  OTHER \_\_\_\_\_

**CONFIDENTIAL**

5. LEASE DESIGNATION AND SERIAL NUMBER:  
Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
NA

7. UNIT or CA AGREEMENT NAME  
Aurora "Deep" Unit

8. WELL NAME and NUMBER:  
Rogers 13-16

9. API NUMBER:  
4304736538

10. FIELD AND POOL, OR WILDCAT  
Undesignated

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:  
SWSW 16 7S 20E

12. COUNTY  
Uintah

13. STATE  
UTAH

2. NAME OF OPERATOR:  
Elk Resources, Inc.

3. ADDRESS OF OPERATOR: 1401 17th. St., #700 CITY Denver STATE CO ZIP 80202  
 PHONE NUMBER: (303) 296-4505

4. LOCATION OF WELL (FOOTAGES)  
 AT SURFACE: 464' FSL, 465' FWL  
 AT TOP PRODUCING INTERVAL REPORTED BELOW: 464' FSL, 465' FWL  
 AT TOTAL DEPTH: 464' FSL, 465' FWL

14. DATE SPURRED: 8/19/2005  
 15. DATE T.D. REACHED: 12/28/2005  
 16. DATE COMPLETED: 2/28/2006  
 ABANDONED  READY TO PRODUCE

17. ELEVATIONS (DF, RKB, RT, GL):  
4817' GL, 4847' KB

18. TOTAL DEPTH: MD 9,509 TVD \_\_\_\_\_  
 19. PLUG BACK T.D.: MD 9,427 TVD \_\_\_\_\_

21. DEPTH BRIDGE MD \_\_\_\_\_  
 PLUG SET: TVD \_\_\_\_\_

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)  
 DIL/Guard/GR, CDL/CNL/GR, RPM/GR, Multipole Array Acoustic/  
 CNL/GR, Radi/Bond

23.  
 WAS WELL CORED? NO  YES  (Submit analysis)  
 WAS DST RUN? NO  YES  (Submit report)  
 DIRECTIONAL SURVEY? NO  YES  (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
14.75	11.75 H40	42#	0	879		V 640	137	Surf-CIR	0
11"	8 5/8 J55	32#	0	4,421		HiFill 1,338	908	Unknown	0
						Poz 600	214		0
						Prem 1,110	237		0
7 7/8"	5 1/2 N80	17#	0	9,509		HiFill 250	171	6920-Log	0
						Poz 740	166		0

25. TUBING RECORD *WSTC*

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8"	8,250							

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)
(A) Wasatch	8,283	8,700		
(B)				
(C)				
(D)				

27. PERFORATION RECORD

INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
8,283 8,338	3 3/8	15	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
8,463 8,552	3 3/8	267	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
8,676 8,700	3 3/8	12	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
8696-8700	50 balls, 1000gals 15% Acid, 5300gals Pad, 12280gals 30/50 sand, 1000gals 15% HCL, 8449gals flush
8463-8552	1010 gal 15% HCL, 40 ball sealers, 11000 gals Pad, 25916 gals 30/50 sand, 3000 gals flush
8283-8338	1000 gals 15% HCL, 30 ball sealers, 8800 gals Pad, 20734 gals 30/50 sand, 8020 gals flush

29. ENCLOSED ATTACHMENTS:  
 ELECTRICAL/MECHANICAL LOGS  
 SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION  
 GEOLOGIC REPORT  
 CORE ANALYSIS  
 DST REPORT  
 DIRECTIONAL SURVEY  
 OTHER: Additional Info

30. WELL STATUS:  
**Producing**

**RECEIVED**

**MAR 24 2006**

31. INITIAL PRODUCTION

INTERVAL A (As shown in Item #26)

DATE FIRST PRODUCED: 2/28/2006		TEST DATE: 3/15/2006		HOURS TESTED: 24		TEST PRODUCTION RATES: →		OIL - BBL: 0	GAS - MCF: 0	WATER - BBL: 20	PROD. METHOD: Pump
CHOKE SIZE: NA	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL: 0	GAS - MCF: 0	WATER - BBL: 20	INTERVAL STATUS: A	

INTERVAL B (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →		OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:	

INTERVAL C (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →		OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:	

INTERVAL D (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →		OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:	

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

33. SUMMARY OF POROUS ZONES (Include Aquifers):

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

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				Uinta	800
				Green River	3,400
				Lower Green River	5,678
				Wasatch	6,965

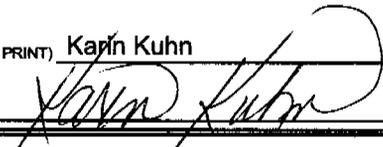
35. ADDITIONAL REMARKS (Include plugging procedure)

See Attached!

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Karin Kuhn

TITLE Engineering Technician

SIGNATURE 

DATE 3/10/2006

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

\* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

\*\* ITEM 24: Cement Top - Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340  
Fax: 801-359-3940

CONFIDENTIAL

Rogers 13-16  
API: 4304736538  
Aurora Deep Unit  
SWSW Section 16-T7S-R20E  
Uintah County, UT  
Attachment to Completion Report

**Casing and Liner Record**

**20" conductor pipe was set @ 40'.**

**Additional Remarks:**

**Whipstock plug @ 1654', Type "G" 456 sx, 0.94 Yield (cuft/sk), 76 bbls. Plug required due to severe deviation.**

**Perfs: 8283'-84', 8330'-32', 8336'-38', 8463'-8552', 8696'-8700'**

**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.

		5. LEASE DESIGNATION AND SERIAL NUMBER: <b>Fee</b>
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: <b>NA</b>
		7. UNIT or CA AGREEMENT NAME: <b>Aurora "Deep" Unit</b>
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		8. WELL NAME and NUMBER: <b>Rogers 13-16</b>
2. NAME OF OPERATOR: <b>Elk Resources, Inc.</b>		9. API NUMBER: <b>4304736538</b>
3. ADDRESS OF OPERATOR: 1401 17th. St., Suite 700 CITY <b>Denver</b> STATE <b>CO</b> ZIP <b>80202</b>		10. FIELD AND POOL, OR WILDCAT: <b>Wildcat</b>
PHONE NUMBER: <b>(303) 296-4505</b>		
4. LOCATION OF WELL		
FOOTAGES AT SURFACE: <b>464' FSL, 465' FWL</b>		COUNTY: <b>Uintah</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>SWSW 16 7S 20E</b>		STATE: <b>UTAH</b>

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> 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 checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: <b>5/25/2006</b>	<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: <b>Ran Tracer Log</b>
	<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.

On 5/25/2006, a tracer log was run on perms f/ 8696'-8700', f/ 8463'-8552', and f/ 8283'-8338'. Well is shut in waiting on further evaluation.

NAME (PLEASE PRINT) <u>Karin Kuhn</u>	TITLE <u>Engineering Technician</u>
SIGNATURE	DATE <u>6/13/2006</u>

(This space for State use only)

**RECEIVED**  
**JUN 15 2006**

**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 checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
2. NAME OF OPERATOR: Elk Resources, Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA
3. ADDRESS OF OPERATOR: 1401 17th. St., Suite 700 CITY Denver STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME: Aurora "Deep" Unit
4. LOCATION OF WELL FOOTAGES AT SURFACE: 464' FSL, 465' FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW 16 7S 20E		8. WELL NAME and NUMBER: Rogers 13-16
PHONE NUMBER: (303) 296-4505		9. API NUMBER: 4304736538
COUNTY: Uintah		10. FIELD AND POOL, OR WILDCAT: Brennan Bottom
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: <u>8/15/2007</u>	<input checked="" type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input checked="" 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 checked="" type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

Elk proposes to set a bridge plug @ approximately 8200'. Perforate the Green River f/ 5472' to 7365' with a 3 1/8" OD carrier gun with 23-gram charges and 120-deg phasing (145 shots total). Acidize Green River perms with 28,000 gals 15% HCl plus additives and 220 bio-balls. Swab back acid residue. Run production equipment and return well to production.

COPY SENT TO OPERATOR  
Date: 7/26/07  
Initials: [Signature]

NAME (PLEASE PRINT) <u>Karin Kuhn</u>	TITLE <u>Sr. Engineering Technician</u>
SIGNATURE <u>[Signature]</u>	DATE <u>7/19/2007</u>

(This space for State use only)

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING  
DATE: 7/23/07  
BY: [Signature]  
(See Instructions on Reverse Side)

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JUL 20 2007  
DIV. OF OIL, GAS & MINING

ENTITY ACTION FORM

Operator: Elk Resources, Inc. Operator Account Number: N 2755  
 Address: 1401 17th Street, Suite 700  
 city Denver  
 state CO zip 80202 Phone Number: (303) 296-4505

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304736538	Rogers 13-16		SWSW	16	7S	20E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
D	14989	14989	8/19/2005		9/25/07		
Comments: <u>Recompleted well to Green River; commingled with Wasatch production.</u> <u>GRV = GRWS</u> <u>NOTE: FORMATION CHANGE</u>							

Well 2

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

Well 3

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

ACTION CODES:

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

Karin Kuhn

Name (Please Print)

Signature

Sr. Engineering Technician

Title

9/7/2007

Date

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SEP 10 2007

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

AMENDED REPORT  FORM 8

(highlight changes)

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME Aurora "Deep" Unit
b. TYPE OF WORK: NEW WELL <input type="checkbox"/> HORIZ. LATS. <input type="checkbox"/> DEEP-EN <input type="checkbox"/> RE-ENTRY <input checked="" type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER _____		8. WELL NAME and NUMBER: Rogers 13-16
2. NAME OF OPERATOR: Elk Resources, Inc.		9. API NUMBER: 4304736538
3. ADDRESS OF OPERATOR: 1401 17th. St., #700 CITY Denver STATE CO ZIP 80202		10 FIELD AND POOL, OR WILDCAT Brennan Bottoms/GR/Wasatch
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 464' FSL, 465' FWL  AT TOP PRODUCING INTERVAL REPORTED BELOW: 464' FSL, 465' FWL  AT TOTAL DEPTH: 464' FSL, 465' FWL		11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW 16 7S 20E
		12. COUNTY Uintah
		13. STATE UTAH

14. DATE SPURRED: 8/19/2005	15. DATE T.D. REACHED: 12/28/2005	16. DATE COMPLETED: 8/3/2007	ABANDONED <input type="checkbox"/> READY TO PRODUCE <input checked="" type="checkbox"/>	17. ELEVATIONS (DF, RKB, RT, GL): 4817' GL, 4847' KB
--------------------------------	--------------------------------------	---------------------------------	---	---

18. TOTAL DEPTH: MD 9,509 TVD	19. PLUG BACK T.D.: MD 9,427 TVD	20. IF MULTIPLE COMPLETIONS, HOW MANY? * 2	21. DEPTH BRIDGE MD PLUG SET: TVD
----------------------------------	-------------------------------------	---	--------------------------------------

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)  None	23. WAS WELL CORED? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit analysis) WAS DST RUN? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit report) DIRECTIONAL SURVEY? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit copy)
---	---

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
14.75	11.75 H40	42#	0	879		V 640	137	Surf-CIR	0
11"	8 5/8 J55	32#	0	4,421		HiFill 1,338	908	Unknown	0
						Poz 600	214		0
						Prem 1,110	237		0
7 7/8"	5 1/2 N80	17#	0	9,509		HiFill 250	171	6920-Log	0
						Poz 740	166		0

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8"	8,169							

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) Green River	5,472	6,965			6,780 7,365	3 1/8	29	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(B) Wasatch	6,965	7,365			5,953 6,342	3 1/8	66	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(C)					5,472 5,890	3 1/8	50	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
6780'-7365'	5,000 gals 15% HCL, 45 balls
5953'-6342'	11,000 gal 15% HCL, 100 balls
5472'-5890'	12,000 gals 15% HCL, 75 balls

29. ENCLOSED ATTACHMENTS: <input type="checkbox"/> ELECTRICAL/MECHANICAL LOGS <input type="checkbox"/> SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION <input type="checkbox"/> GEOLOGIC REPORT <input type="checkbox"/> CORE ANALYSIS <input type="checkbox"/> DST REPORT <input type="checkbox"/> OTHER: _____ <input type="checkbox"/> DIRECTIONAL SURVEY	30. WELL STATUS:  <b>Producing</b>
--	--

**RECEIVED**

31. INITIAL PRODUCTION

INTERVAL A (As shown in Item #26)

DATE FIRST PRODUCED: 8/31/2007		TEST DATE: 9/4/2007		HOURS TESTED: 24		TEST PRODUCTION RATES: →	OIL – BBL: 36	GAS – MCF: 10	WATER – BBL: 123	PROD. METHOD: Pump
CHOKE SIZE: NA	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL: 36	GAS – MCF: 10	WATER – BBL: 123	INTERVAL STATUS: A,B

INTERVAL B (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL C (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL D (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

33. SUMMARY OF POROUS ZONES (Include Aquifers):

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

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				Uinta	800
				Green River	3.400
				Lower Green River	5.678
				Wasatch	6.965

35. ADDITIONAL REMARKS (Include plugging procedure)

See Attached!

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Karin Kuhn TITLE Sr. Engineering Technician  
 SIGNATURE *Karin Kuhn* DATE 9/7/2007

This report must be submitted within 30 days of

- completing or plugging a new well
- reentering a previously plugged and abandoned well
- drilling horizontal laterals from an existing well bore
- significantly deepening an existing well bore below the previous bottom-hole depth
- recompleting to a different producing formation
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

\* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

\*\* ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining  
 1594 West North Temple, Suite 1210  
 Box 145801  
 Salt Lake City, Utah 84114-5801

Phone: 801-538-5340  
 Fax: 801-359-3940

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

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

5. LEASE DESIGNATION AND SERIAL NUMBER:

Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

NA

7. UNIT or CA AGREEMENT NAME:

Aurora "Deep" Unit

8. WELL NAME and NUMBER:

Rogers 13-16

9. API NUMBER:

4304736538

10. FIELD AND POOL, OR WILDCAT:

Brennan Bottom/GR/Wasatch

1. TYPE OF WELL

OIL WELL

GAS WELL

OTHER \_\_\_\_\_

2. NAME OF OPERATOR:

Elk Resources, Inc.

3. ADDRESS OF OPERATOR:

1401 17th. St., Suite 700 CITY Denver

STATE CO ZIP 80202

PHONE NUMBER:

(303) 296-4505

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 464' FSL, 465' FWL

COUNTY: Uintah

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW 16 7S 20E

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 checked="" 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"/> 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 checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 8/31/2007	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input checked="" 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 checked="" type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

Work began on 8/13/2007 to recomplete to the Green River. MIRU Excell Rig #9. Set CFT plug @ 8200'. Perf f/ 7365'-7364', 7358'-7353', 7345'-7347', 7251'-7252', 6982'-6983', 6780'-6782' (29 shots total), 3 SPF, 120° phasing. Acidize w/ 5000 gals 15% HCl w/ 45 balls, flush w/ 2646 gals 2% KCL. Flow back and swab test perfs f/ 7365'-6780'. Set CFT plug @ 6700'. Perf f/ 6340'-6342', 6279'-6282', 6273'-6275', 6155'-6157', 6147'-6149', 6135'-6137', 6094'-6096', 5994'-6000', 5969'-5912', & 5953'-5956' (66 shots total), 120° phasing, .41" OD, 23-gram charge. Swab perfs f/ 5953'-6342'. Acidize w/ 11,000 gals 15% HCl w/ 100 balls, flush w/ 2100 gals 2% KCL. Flow back and swab perfs f/ 5953'-6342'. Set CFT plug @ 5925'. Perf f/ 5890'-5887', 5836'-5833', 5791'-5790', 5777'-5770', 5758'-5776', 5714'-5712-, 5703'-5702', 5474'-5472' (50 shots total), 120° phasing, .41" OD, 23-gram charge. Acidize w/ 12,000 gals 15% HCl w/ 75 balls, flush w/ 2016 gals 2% KCL. Flow back and swab perfs f/ 5890'-5472'. Drill out FTP @ 5925', drill out FTP @ 6700'. Run production equipment. Return well to production 8/31/07.

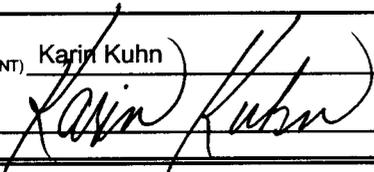
NAME (PLEASE PRINT)

Karin Kuhn

TITLE

Sr. Engineering Technician

SIGNATURE



DATE

9/7/2007

(This space for State use only)

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SEP 11 2007

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

AMENDED REPORT  FORM 8  
(highlight changes)

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: <b>Fee</b>
b. TYPE OF WORK: NEW WELL <input type="checkbox"/> HORIZ. LATS. <input type="checkbox"/> DEEP-EN <input type="checkbox"/> RE-ENTRY <input checked="" type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME <b>NA</b>
2. NAME OF OPERATOR: <b>Elk Resources, Inc.</b>		7. UNIT or CA AGREEMENT NAME <b>Aurora "Deep" Unit</b>
3. ADDRESS OF OPERATOR: <b>1401 17th. St., #700</b> CITY <b>Denver</b> STATE <b>CO</b> ZIP <b>80202</b>		8. WELL NAME and NUMBER: <b>Rogers 13-16</b>
PHONE NUMBER: <b>(303) 296-4505</b>		9. API NUMBER: <b>4304736538</b>
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: <b>464' FSL, 465' FWL</b>  AT TOP PRODUCING INTERVAL REPORTED BELOW: <b>464' FSL, 465' FWL</b>  AT TOTAL DEPTH: <b>464' FSL, 465' FWL</b>		10 FIELD AND POOL, OR WLD/CAT <b>Brennan Bottoms/GR/Wasatch</b>
		11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>SWSW 16 7S 20E</b>
		12. COUNTY <b>Uintah</b>
		13. STATE <b>UTAH</b>

14. DATE SPUDDED: <b>8/13/2007</b> <i>Recompleted</i>	15. DATE T.D. REACHED:	16. DATE COMPLETED: <b>8/31/2007</b>	ABANDONED <input type="checkbox"/> READY TO PRODUCE <input checked="" type="checkbox"/>	17. ELEVATIONS (DF, RKB, RT, GL): <b>4817' GL, 4847' KB</b>
18. TOTAL DEPTH: MD <b>9,509</b> TVD	19. PLUG BACK T.D.: MD <b>9,427</b> TVD	20. IF MULTIPLE COMPLETIONS, HOW MANY? * <b>2</b>	21. DEPTH BRIDGE MD PLUG SET: TVD	
22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each) <b>None</b>			23. WAS WELL CORED? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit analysis) WAS DST RUN? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit report) DIRECTIONAL SURVEY? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit copy)	

**24. CASING AND LINER RECORD (Report all strings set in well)**

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
14.75	11.75 H40	42#	0	879		V 640	137	Surf-CIR	0
11"	8 5/8 J55	32#	0	4,421		HIFill 1,338	908	Unknown	0
						Poz 600	214		0
						Prem 1,110	237		0
7 7/8"	5 1/2 N80	17#	0	9,509		HIFill 250	171	6920-Log	0
						Poz 740	166		0

**25. TUBING RECORD**

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8"	8,169							

26. PRODUCING INTERVALS					27. PERFORATION RECORD				
FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS	
(A) Green River	5,472	6,965			6,780 7,365	3 1/8	29	Open <input checked="" type="checkbox"/>	Squeezed <input type="checkbox"/>
(B) Wasatch	6,965	7,365			5,953 6,342	3 1/8	66	Open <input checked="" type="checkbox"/>	Squeezed <input type="checkbox"/>
(C)					5,472 5,890	3 1/8	50	Open <input checked="" type="checkbox"/>	Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>

**28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.**

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
6780'-7365'	5,000 gals 15% HCL, 45 balls
5953'-6342'	11,000 gal 15% HCL, 100 balls
5472'-5890'	12,000 gals 15% HCl, 75 balls

29. ENCLOSED ATTACHMENTS: <input type="checkbox"/> ELECTRICAL/MECHANICAL LOGS <input type="checkbox"/> GEOLOGIC REPORT <input type="checkbox"/> DST REPORT <input type="checkbox"/> DIRECTIONAL SURVEY <input type="checkbox"/> SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION <input type="checkbox"/> CORE ANALYSIS <input type="checkbox"/> OTHER: _____	30. WELL STATUS: <b>Producing</b>
--	--------------------------------------

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**SEP 12 2007**

(CONTINUED ON BACK)

**31. INITIAL PRODUCTION**

**INTERVAL A (As shown in Item #26)**

DATE FIRST PRODUCED: <b>8/31/2007</b>		TEST DATE: <b>9/4/2007</b>		HOURS TESTED: <b>24</b>		TEST PRODUCTION RATES: →	OIL - BBL: <b>36</b>	GAS - MCF: <b>10</b>	WATER - BBL: <b>123</b>	PROD. METHOD: <b>Pump</b>
CHOKE SIZE: <b>NA</b>	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL: <b>36</b>	GAS - MCF: <b>10</b>	WATER - BBL: <b>123</b>	INTERVAL STATUS: <b>A,B</b>

**INTERVAL B (As shown in Item #26)**

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

**INTERVAL C (As shown in Item #26)**

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

**INTERVAL D (As shown in Item #26)**

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

**32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)**

**33. SUMMARY OF POROUS ZONES (Include Aquifers):**

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

**34. FORMATION (Log) MARKERS:**

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				Uinta	800
				Green River	3.400
				Lower Green River	5.678
				Wasatch	6.965

**35. ADDITIONAL REMARKS (include plugging procedure)**

See Attached!

**36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.**

NAME (PLEASE PRINT) Karin Kuhn TITLE Sr. Engineering Technician  
 SIGNATURE *Karin Kuhn* DATE 9/7/2007

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

\* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

\*\* ITEM 24: Cement Top - Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining  
 1594 West North Temple, Suite 1210  
 Box 145801  
 Salt Lake City, Utah 84114-5801

Phone: 801-538-5340  
 Fax: 801-359-3940

**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.

			5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
			6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA
			7. UNIT or CA AGREEMENT NAME: Aurora "Deep" Unit
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____			8. WELL NAME and NUMBER: Rogers 13-16
2. NAME OF OPERATOR: Elk Resources, Inc.			9. API NUMBER: 4304736538
3. ADDRESS OF OPERATOR: 1401 17th. St., Suite 700 CITY Denver STATE CO ZIP 80202		PHONE NUMBER: (303) 296-4505	10. FIELD AND POOL, OR WILDCAT: Brennan Bottom/GR/Wasatch
4. LOCATION OF WELL			
FOOTAGES AT SURFACE: 464' FSL, 465' FWL			COUNTY: Uintah
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW 16 7S 20E			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 checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of work completion: 9/24/2007	<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"/> 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 checked="" 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.

Elk set a retrievable bridge plug @ 7050' to shut off water in the subject well. Work began on 9/18/2007 and the well was returned to production on 9/24/07.

NAME (PLEASE PRINT) Karin Kuhn TITLE Sr. Engineering Technician  
SIGNATURE *Karin Kuhn* DATE 10/26/2007

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OCT 29 2007



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

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



IN REPLY REFER TO  
3180  
UT-922

February 11, 2008

Elk Resources, Inc.  
Attn: Dave K. Davenport  
1401 17th Street, Suite 700  
Denver, CO 80202

Re: Initial Green River Formation Participating Area "A"  
Aurora (Deep) Unit  
Uintah County, Utah

Gentlemen:

The Initial Green River Formation Participating Area "A", Aurora (Deep) Unit, UTU82456A, is hereby approved effective as of August 31, 2007, pursuant to Section 11 of the Aurora (Deep) Unit Agreement, Uintah County, Utah.

The Initial Green River Formation Participating Area "A" results in an Initial Participating Area of 160.00 acres and is based upon the completion of Well No. 13-16, API No. 43-047-36538, located in the SW $\frac{1}{4}$ SW $\frac{1}{4}$  of Section 16, Township 7 South, Range 20 East, SLM&B, Federal Unit Tract No. 35, on a Fee lease, as being a well capable of producing unitized substances in paying quantities.

Copies of the approved request are being distributed to the appropriate agencies and one copy is returned herewith. Please advise all interested parties of the establishment of the Initial Green River Formation Participating Area "A", Aurora (Deep) Unit, and the effective date.

Sincerely,

*/s/ Becky J. Hammond*

Becky J. Hammond  
Chief, Branch of Fluid Minerals

Enclosure

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FEB 13 2008  
DIV. OF OIL, GAS & MINING

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

<b>ROUTING</b>
1. DJJ
2. CDW

Change of Operator (Well Sold)

**X - Operator Name Change/Merger**

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

**2/11/2008**

<b>FROM:</b> (Old Operator): N2755-Elk Resources, Inc. 1401 17th St, Suite 700 Denver, CO 80202 Phone: 1 (303) 296-4505	<b>TO:</b> ( New Operator): N3480-Elk Resources, LLC. 1401 17th St, Suite 700 Denver, CO 80202 Phone: 1 (303) 296-4505
---	--

WELL NAME	CA No.	SEC TWN RNG	Unit:	API NO	ENTITY NO	LEASE TYPE	AURORA (DEEP)	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: 4/24/2008
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 4/24/2008
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 4/29/2008
- a. Is the new operator registered in the State of Utah: NO Business Number: \_\_\_\_\_
- b. If **NO**, the operator was contacted on: 4/29/2008
- 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 3/13/2008 BIA
- Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: 3/13/2008
- Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- 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: 4/29/2008
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 4/29/2008
- Bond information entered in RBDMS on: 4/29/2008
- Fee/State wells attached to bond in RBDMS on: 4/29/2008
- Injection Projects to new operator in RBDMS on: n/a
- Receipt of Acceptance of Drilling Procedures for APD/New on: ok

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: UTB000135
- Indian well(s) covered by Bond Number: n/a
- a. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number B000969
- b. The **FORMER** operator has requested a release of liability from their bond on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

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

**COMMENTS:** Bond was amended from Elk Resources, Inc to Elk Resources, LLC

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

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: See Attached List
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA
		7. UNIT or CA AGREEMENT NAME: Aurora "Deep" Unit
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____	8. WELL NAME and NUMBER: See Attached List	
2. NAME OF OPERATOR: ELK RESOURCES, LLC	9. API NUMBER: See List	
3. ADDRESS OF OPERATOR: 1401 17th. St., Suite 700      CITY Denver      STATE CO      ZIP 80202	PHONE NUMBER: (303) 296-4505	10. FIELD AND POOL, OR WILDCAT: See Attached List
4. LOCATION OF WELL FOOTAGES AT SURFACE: _____		COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____		STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input 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"/> 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
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	<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: CHANGE OF OPERATOR
	<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 February 11, 2008, Elk Resources, LLC became the operator of the wells on the attached list.

Previous Operator:  
ELK RESOURCES, INC. (N2755)  
a Texas limited liability company  
1401 17th Street, Suite 700  
Denver, CO 80202

New Operator:  
ELK RESOURCES, LLC *N3480*  
a Texas limited liability company  
1401 17th Street, Suite 700  
Denver, CO 80202

*Richard P. Crist*  
Richard P. Crist  
Executive Vice President Business Development

*Thomas M. Wilson*  
Thomas M. Wilson  
CEO

*BLM BOND = UTB000135  
State + Fee BOND = B000969*

NAME (PLEASE PRINT) <u>Karin Kuhn</u>	TITLE <u>Sr. Engineering Technician</u>
SIGNATURE <i>Karin Kuhn</i>	DATE <u>4/14/2008</u>

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well_name	sec	twp	rng	api	entity	lease	well	stat	flag	qtr_qtr	unit	l_num
ROGERS 13-16	16	070S	200E	4304736538	14989	Fee	OW	P		SWSW	AURORA (DEEP)	FEE
NIELSEN 3-22	22	070S	200E	4304736539	14806	Fee	OW	P		NENW	AURORA (DEEP)	FEE
WALL 13-17	17	070S	200E	4304736668	15363	Federal	GW	S		SWSW	AURORA (DEEP)	UTU-75092
ROGERS 16-43	16	070S	200E	4304738347		Fee	GW	APD	C	SWSE	AURORA (DEEP)	FEE
AURORA FED 5-32	05	070S	200E	4304738463		Federal	OW	APD	C	NESW	AURORA (DEEP)	U-75241
AURORA FED 26-33	26	070S	200E	4304738468		Federal	OW	APD	C	NWSE	AURORA (DEEP)	UTU-80689
J GENTRY 17-24	17	070S	200E	4304738865		Fee	GW	APD	C	SENE	AURORA (DEEP)	FEE
ARGYLE 8-43	08	070S	200E	4304738866		Fee	GW	APD	C	SWSE	AURORA (DEEP)	FEE



**United States Department of the Interior**  
**BUREAU OF LAND MANAGEMENT**

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155  
<http://www.blm.gov/ut/st/en.html>



IN REPLY REFER TO:  
UTU-0143511, et al.  
BLM Bond Number: UTB000135  
Surety Bond Number: B000971

March 13, 2008

**NOTICE**

Elk Resources, LLC  
1401 17<sup>th</sup> Street, Suite 700  
Denver, Colorado 80202

U.S. Specialty Insurance Co.  
13403 Northwest Freeway  
Houston, Texas 77040

**MERGER RECOGNIZED**

We received acceptable evidence of the merger of Elk Resources, Inc. into Elk Resources, LLC. Elk Resources, LLC is the surviving entity. This recognition is effective February 6, 2008, as certified by the Secretary of State, State of Texas.

We have documented the merger by copy of this notice in the oil and gas lease files identified on the enclosed exhibit. We have also updated our automated records. We compiled the exhibit from leases shown on our automated records system and any list of leases you provided. The exhibit also reflects serial numbers of agreements where you are the operator. We are notifying the Minerals Management Service and all Bureau of Land Management (BLM) offices of the merger by copies of this notice.

If you find additional leases where the merging parties maintain an interest, please contact this office. We will document the records under our jurisdiction, and if the leases are under the jurisdiction of another State Office, we will notify them.

This merger affects the following bond(s) held by the BLM:

BLM Bond Number: UTB000135	Amount: \$ 25,000	Surety/Other Identifier: B000971
BLM Bond Number: UTB000299	Amount: \$ 5,000	Surety/Other Identifier: B004125

We have updated our bond file and automated system to reflect the merger. If the principal's/obligor's name also changed, we have updated our records to reflect the correct name. No rider is necessary as the change occurred by operation of law. We are in the process

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**MAR 17 2008**

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

of determining the total liability for the leases affected by the merger and may require increased coverage in a later action.

If you have any questions, please contact Leslie Wilcken at (801) 539-4112.

/s/ Becky J. Hammond

Becky J. Hammond  
Chief, Branch of Fluid Minerals

Enclosure

1-Exhibit: List of Leases

cc (w/encl):

MMS-MRM, Attn: (Leona Reilly)

State of Utah, DOGM

Vernal Field Office

Branch Chief, Lands & Reality

Merger/Name Change File

Connie Seare

Dave Mascarenas

Susan Bauman

Electronic copies (w/encl):

BLM\_Bond\_Surety

BLM\_Fluids\_Forum

Lease #	Agreement #	
UTU-0143511	UTU-82456X	Aurora (Deep)
UTU-0143512	UTU-82456A	
UTU-04378	UTU-84716X	Ouray Valley
UTU-21308	UTU-86071X	N Horseshoe
UTU-74417		Bend (Pending)
UTU-75092		
UTU-75093		
UTU-75673		
UTU-76259		
UTU-76260		
UTU-76261		
UTU-78445		
UTU-80689		
UTU-82565		
UTU-82566		
UTU-82567		
UTU-85219		
UTU-85487		
UTU-85488		
UTU-85489		
UTU-85589		
UTU-85590		
UTU-85591		

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

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: <b>Fee</b>
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: <b>NA</b>
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		7. UNIT or CA AGREEMENT NAME: <b>Aurora "Deep" Unit</b>
		8. WELL NAME and NUMBER: <b>Rogers 13-16</b>
1. TYPE OF WELL <b>OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____</b>	9. API NUMBER: <b>4304736538</b>	
2. NAME OF OPERATOR: <b>Elk Resources, LLC</b>	10. FIELD AND POOL, OR WILDCAT: <b>Brennan Bottom/Green River</b>	
3. ADDRESS OF OPERATOR: <b>1401 17th. St., Suite 700</b> CITY <b>Denver</b> STATE <b>CO</b> ZIP <b>80202</b>	PHONE NUMBER: <b>(303) 296-4505</b>	
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>464' FSL, 465' FWL</b>		COUNTY: <b>Uintah</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>SWSW 16 7S 20E</b>		STATE: <b>UTAH</b>

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will start:  	<input checked="" 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 checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of work completion: <b>5/7/2008</b>	<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: <b>Repair Rod Part and Clean Out Wellbore</b>
	<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.

Work began on 4/29/2008 to repair a rod part and to clean out scale and paraffin from the wellbore. Pulled tubing and fished parted rods. Ran casing scraper. Pumped 100 bbls hot diesel to clean up tubing and casing. Circulate 15% HCL acid through well to clean out scale. Ran in hole with production tubing. Swab well. Run in hole with rods and pump. Return well to production 5/7/2008.

NAME (PLEASE PRINT) <b>Karin Kuhn</b>	TITLE <b>Sr. Engineering Technician</b>
SIGNATURE	DATE <b>5/19/2008</b>

(This space for State use only)

**RECEIVED**

**MAY 22 2008**

DIV. OF OIL, GAS & MINING



**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.

		6. LEASE DESIGNATION AND SERIAL NUMBER:
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
		7. UNIT or CA AGREEMENT NAME: Aurora (Deep) Unit
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		8. WELL NAME and NUMBER:
2. NAME OF OPERATOR: Elk Resources, LLC <span style="float:right; font-size: 1.5em;">N3480</span>		9. API NUMBER:
3. ADDRESS OF OPERATOR: 1401 17th Street, Suite 700 CITY Denver STATE CO ZIP 80202		10. FIELD AND POOL, OR WILDCAT:
PHONE NUMBER: (303) 296-4505		
4. LOCATION OF WELL FOOTAGES AT SURFACE: _____		COUNTY: Uintah
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____ 7S 20E S _____		STATE: UTAH

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

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

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

Please see the attached "Transfer of APD" forms and list of wells that are included in this change of operator.  
Effective Jan 1, 2011

Previous Operator: Elk Resources, LLC 1401 17th Street, Suite 700 Denver, Colorado 80202 303-296-4505 Utah DOGM Bond # B000969 BLM Bond # B000971	New Operator: <span style="font-size: 1.2em;">N2165</span> Bill Barrett Corporation 1099 18th Street, Suite 2300 Denver, Colorado 80202 303-293-9100 Utah DOGM Bond # WYB 000040 BLM Bond # LPM 4138148
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Bill Barrett Corp. Representative:  
 NAME (PLEASE PRINT) Huntington T Walker TITLE Sr. VP - Prod.  
 SIGNATURE [Signature] DATE 6/8/11

NAME (PLEASE PRINT) John Whisler TITLE CEO  
 SIGNATURE [Signature] DATE 6/8/11

(This space for State use only)

**APPROVED** 7/11/2011  
Earlene Russell  
 Division of Oil, Gas and Mining  
 Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

**RECEIVED**  
**JUL 11 2011**

DIV. OF OIL, GAS & MINING

ELK RESOURCES, LLC (N3480) to BILL BARRETT CORPORATION (N2165)  
 effective January 1, 2011

well name	sec	twp	rng	api	entity	Lease	well	stat	conf	unit	lease no	zone
ROGERS 13-16	16	070S	200E	4304736538	14989	Fee	OW	P		AURORA (DEEP)	FEE	GR-WS
NIELSEN 3-22	22	070S	200E	4304736539	14806	Fee	OW	P		AURORA (DEEP)	FEE	GRRV
WALL 13-17	17	070S	200E	4304736668	15363	Federal	GW	P		AURORA (DEEP)	UTU-75092	BLKHK
ROGERS 16-43	16	070S	200E	4304738347	16977	Fee	OW	P		AURORA (DEEP)	FEE	GR-WS
AURORA FED 5-32	05	070S	200E	4304738463	17120	Federal	OW	P		AURORA (DEEP)	UTU-75241	GR-WS
AURORA FED 26-33	26	070S	200E	4304738468	17226	Federal	OW	P		AURORA (DEEP)	UTU-80689	GRRV
FOUR STAR 7-32-7-20	07	070S	200E	4304751285	17881	Fee	OW	P	C	AURORA (DEEP)	Patent	WSTC
PELICAN LAKE 16-12-7-20	16	070S	200E	4304751287		Fee	OW	APD	C	AURORA (DEEP)	Patent	
ARGYLE 8-43	08	070S	200E	4304751509		Fee	OW	APD	C	AURORA (DEEP)	Fee	

RPA  
BGH  
PIC

43-047-36530



# United States Department of the Interior



## BUREAU OF LAND MANAGEMENT

Utah State Office  
440 West 200 South, Suite 500  
Salt Lake City, UT 84101  
<http://www.blm.gov/ut/st/en.html>

IN REPLY REFER TO:  
3180 (UTU82456X)  
UT-922000

MAR 18 2014

Mr. Kevin Funk  
Bill Barrett Corporation  
1099 18<sup>th</sup> Street, Suite 2300  
Denver, Colorado 80202

RECEIVED  
MAR 20 2014  
DIV. OF OIL, GAS & MINING

Rogers 13-16  
7S 20E 16

Re: Initial Consolidated  
Green River – Wasatch Formation  
Participating Area (PA) "A,G"  
Aurora (Deep) Unit  
Uintah County, Utah

Dear Mr. Funk:

The Initial Consolidated Green River – Wasatch Formation Participating Area "A,G", Aurora (Deep) Unit, UTU82456K, located in Uintah County, Utah, is hereby approved effective as of August 1, 2013, pursuant to Section 11 of the Aurora (Deep) Unit Agreement.

This participating area is a result of the consolidation of the Green River Participating Area "A", UTU82456A, the Green River – Wasatch Participating Area "A", UTU82456C, and the Green River – Wasatch Participating Area "G", UTU82456I, and the addition of 160.00 for a total of 640.00 acres and is based upon the completion of Well No. 4-21D-7-20, API No. 43-047-52633, located in the NW<sup>1</sup>/<sub>4</sub>NW<sup>1</sup>/<sub>4</sub> of Section 21, Township 7 South, Range 20 East, Federal Unit Tract No. 8, Lease No. UTU75093, as a well capable of producing unitized substances in paying quantities.

For production and accounting reporting purposes, all submissions pertaining to the Initial Consolidated Green River – Wasatch Formation PA "A,G" shall refer to UTU82456K.

A copy of the approved request is being distributed to the appropriate agencies and one copy is returned herewith. Please advise all interested parties of the approval of the Initial Consolidated Green River -Wasatch Formation PA "A,G", Aurora (Deep) Unit, and its effective date.

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	7. UNIT or CA AGREEMENT NAME: AURORA (DEEP)
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: ROGERS 13-16
2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43047365380000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8134 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0464 FSL 0465 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 16 Township: 07.0S Range: 20.0E Meridian: S	9. FIELD and POOL or WILDCAT: BRENNAN BOTTOM
	COUNTY: Uintah
	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 Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 7/25/2015	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input checked="" type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="first gas sales"/>

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

this well had first gas sales on 7/25/2015 as a pipeline was installed to pad location.

**Accepted by the  
 Utah Division of  
 Oil, Gas and Mining  
 FOR RECORD ONLY  
 September 17, 2015**

<b>NAME (PLEASE PRINT)</b> Brady Riley	<b>PHONE NUMBER</b> 303 312-8115	<b>TITLE</b> Permit Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 9/17/2015	