PETROLEUM PERMITTING
PERMITCO
COMPANY

14421 County Rd. 10 • Ft. Lupton, Colorado 80621 • (303) 857-9999 • FAX (303) 857-0577 • E-MAIL Permitco 1@aol.com

October 17, 2007

Division of Oil, Gas & Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, UT 84114-5801

Attn: Diana Mason

Re: Pioneer Natural Resources USA, Inc.
Trapp SPR FED #41-35-14-23
341' FNL and 606' FEL
NE NE Section 35, T14S - R23E
Uintah County, Utah

Dear Diana,

Enclosed please find one copy of the Application for Permit to Drill, along with the required drilling program, BOP diagram, wellsite maps and diagrams.

Please note that this location is located within the ~~Main Canyon Unit~~ Trapp Springs unit.

If you should need additional information, please don't hesitate to contact me. Approved copies of the A.P.D. should be sent to PermitCo Inc. at the address shown above.

Sincerely,

PERMITCO INC.

Venessa Langmacher

Venessa Langmacher
Consultant for
Pioneer Natural Resources USA, Inc.

RECEIVED
OCT 19 2007
DIV. OF OIL, GAS & MINING

Enc.
cc: Pioneer Natural Resources USA, Inc. - Denver, CO
Pioneer Natural Resources USA, Inc. - Rangely, CO

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

FORM 3

AMENDED REPORT ☐
(highlight changes)

APPLICATION FOR PERMIT TO DRILL

5. MINERAL LEASE NO.:	6. SURFACE:
UTU-038073	BLM

1A. TYPE OF WORK: DRILL ☒ REENTER ☐ DEEPEN ☐

7. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A

B. TYPE OF WELL: OIL ☐ GAS ☒ OTHER _____ SINGLE ZONE ☐ MULTIPLE ZONE ☒

8. UNIT or CA AGREEMENT NAME: ~~Main Canyon~~ Trapp Springs Unit

2. NAME OF OPERATOR: Pioneer Natural Resources USA, Inc.

9. WELL NAME and NUMBER: Trapp SPR FED #41-35-14-23

3. ADDRESS OF OPERATOR: 1401 - 17th Street, Suite 1200, Denver, CO 80202

PHONE NUMBER: 303/298-8100

10. FIELD AND POOL, OR WILDCAT: Main Canyon

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: 6458357 4380402Y 39.562807 341' FNL and 606' FEL -109.302589
AT PROPOSED PRODUCING ZONE: NE NE

11. QTR/QTR, SECTION, TOWNSHIP, RANGE MERIDIAN: Section 35, T14S - R23E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: Approximately 56.7 miles Southeast of Ouray, UT

12. COUNTY: Uintah

13. STATE: UT

15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET)	16. NUMBER OF ACRES IN LEASE:	17. NUMBER OF ACRES ASSIGNED TO THIS WELL:
Approx. 341'	1600.00	40 Acres
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET):	**19. PROPOSED DEPTH:**	**20. BOND DESCRIPTION:**
Approx. 1850'	10,820'	Nationwide Bond No. MTB-000041
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.):	**22. APPROXIMATE DATE WORK WILL START:**	**23. ESTIMATED DURATION:**
7424' GL	ASAP	23 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
10-3/4"	14-3/4", J-55, 40.5#	350'	280 sxs Class "G", 2% CACl2, 1/4 #/sk Flocele @ 15.8 PPG, 1.15 cuft/sx yield
7-5/8"	9-7/8", N-80, 29.7#	5,600'	390 sxs Halliburton Hi-Fill @ 11.0 PPG, 3.84 cuft/sx yield + 140 sxs 50/50 POZ @ 14.5 PPG, 1.16 cuft/sx yield.
5-1/2"	6-3/4", N-80, 17#	10,820'	420 sxs 50/50 POZ, ssa-1 @ 14.3 PPG, 1.47 cuft/sx yield.
			CONFIDENTIAL-TIGHT HOLE

25. ATTACHMENTS

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

- ☑ WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER
- ☑ EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER
- ☑ COMPLETE DRILLING PLAN
- ☐ FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

AGENT: PermitCo Inc., 14421 County Road 10, Fort Lupton, CO 80621 AGENT'S PHONE NO.: 303/857-9999

NAME (PLEASE PRINT) Venessa Langmacher TITLE Agent for Pioneer Natural Resources USA, Inc.

SIGNATURE Venessa Langmacher DATE October 17, 2007

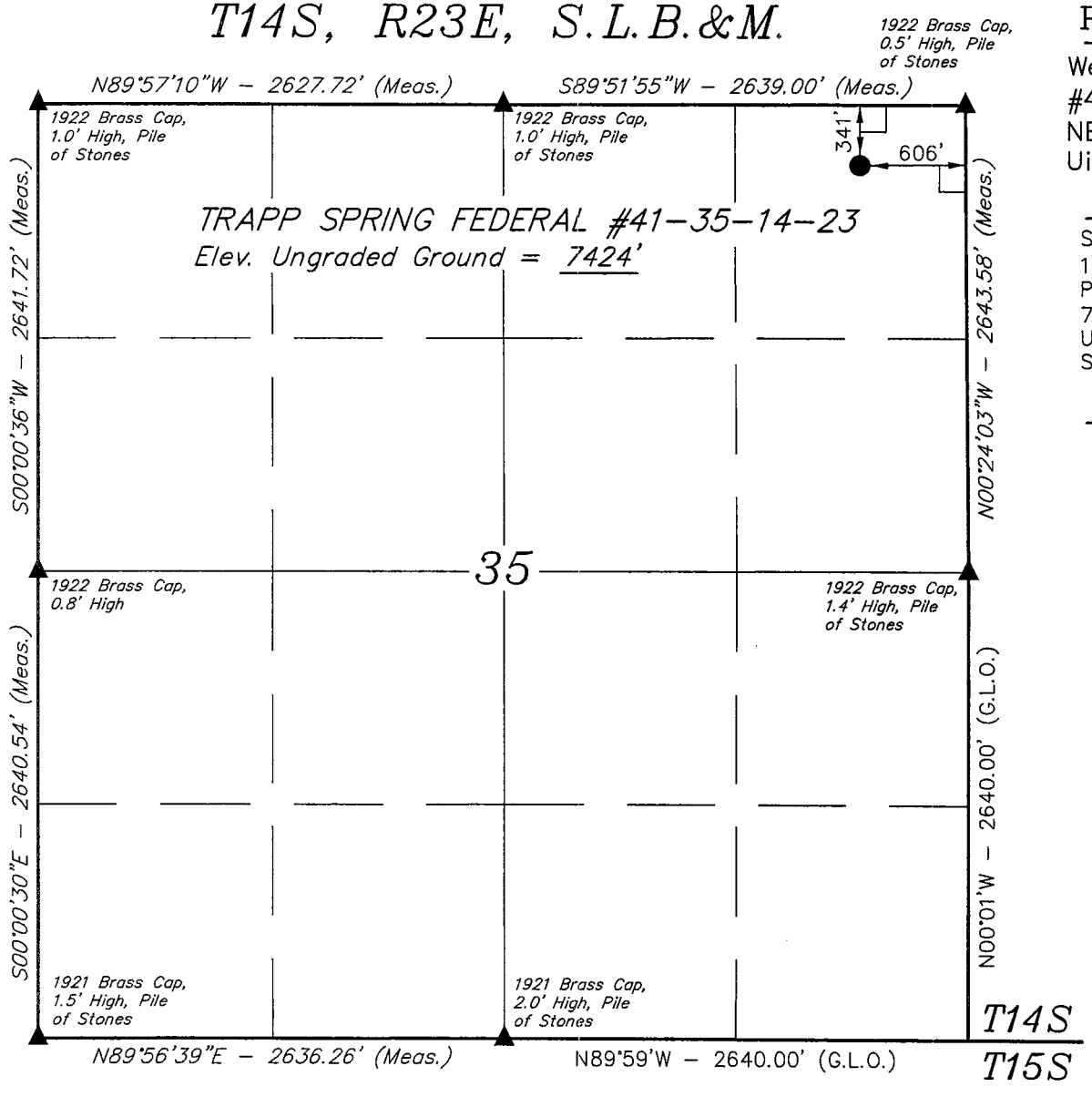
(This space for State use only)

API NUMBER ASSIGNED: 43-047-39720 APPROVAL:

RECEIVED
OCT 19 2007
DIV. OF OIL, GAS & MINING

(11/2001) (See instructions on Reverse Side)

T14S, R23E, S.L.B.&M.



PIONEER NATURAL RESOURCES USA, INC.

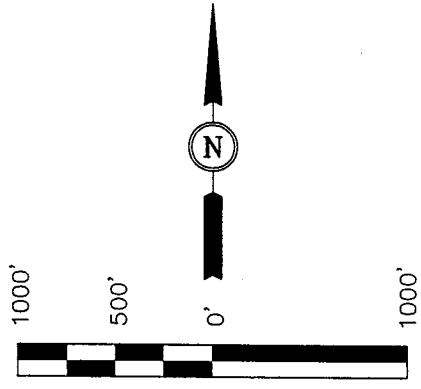
Well location, TRAPP SPRING FEDERAL #41-35-14-23, located as shown in the NE 1/4 NE 1/4 of Section 35, T14S, R23E, S.L.B.&M., Uintah County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION AT A ROAD INTERSETION LOCATED IN THE NE 1/4 OF SECTION 25, T14S, R22E, S.L.B.&M. TAKEN FROM THE PINE SPRING CANYON 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 7172 FEET.

BASIS OF BEARINGS

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



SCALE

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.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

REGISTERED LAND SURVEYOR No. 161319 ROBERT L. KAY STATE OF UTAH

LEGEND:

└ = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

(AUTONOMOUS NAD 83)
LATITUDE = 39°33'46.21" (39.562836)
LONGITUDE = 109°18'11.58" (109.303217)
(AUTONOMOUS NAD 27)
LATITUDE = 39°33'46.32" (39.562867)
LONGITUDE = 109°18'09.16" (109.302544)

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

SCALE	DATE SURVEYED:	DATE DRAWN:
1" = 1000'	10-11-06	10-18-06
PARTY: M.A. D.R. C.G.	REFERENCES: G.L.O. PLAT	
WEATHER: COOL	FILE: PIONEER NATURAL RESOURCES USA, INC.	

ONSHORE OIL & GAS ORDER NO. 1
Approval of Operations on Onshore
Federal and Indian Oil and Gas Leases

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Order No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

1. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS

Formation	*Depth*	*Subsea*
Mesa Verde	2,290'	+5,150'
Castlegate	4,800'	+2,640'
Mancos B	5,570'	+1,870'
Dakota-Cedar Mt	8,580'	-1,140'
Entrada	9,380'	-1,940'
Wingate	9,840'	-2,400'
Chinle	10,320'	-2,880'
DTD	10,450'	-3,010'
TD	10,820'	-3,380'

2. ESTIMATED DEPTH OF ANTICIPATED WATER, OIL, GAS OR MINERAL FORMATIONS:

Substance	*Formation*	*Depth*
Gas	Entrada	9,380'
Gas	Wingate	9,840'

All fresh water prospectively valuable minerals encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

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PERMITCO
COMPANY

3. PRESSURE CONTROL EQUIPMENT

Pioneer Natural Resources USA, Inc.'s minimum specifications for pressure control equipment are as follows:

Ram Type: 11" Hydraulic double with annular with rotating head, 5000 psi w.p.

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

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

As a minimum, the above test shall be performed:

a. when initially installed;
b. whenever any seal subject to test pressure is broken
c. following related repairs; and
d. at 30-day intervals

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

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

Annular preventers shall be functionally operated at least weekly.

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

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

Pressure tests shall apply to all related well control equipment.

All of the above described tests and/or drills shall be recorded in the drilling log.

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

The District Office should be notified, with sufficient lead time, in order to have the BLM representative on location during pressure testing.

a. The size and rating of the BOP stack is shown on the attached diagram. Although a rig has not been chosen to drill this well, most of the equipment for this depth of hole in the area use a 11", 5000 psi working pressure blowout preventor.

b. A choke line and a kill line are to be properly installed. The kill line is not to be used as a fill-up line.

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

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

4. PROPOSED CASING AND CEMENTING PROGRAM:

a. The proposed casing and cementing program shall be conducted as approved to protect and/or isolate all usable water zones, potentially productive zones, lost circulation zones, abnormally pressured zones, and any prospectively valuable deposits of minerals. Any isolating medium other than cement shall receive approval prior to use. The casing setting depth shall be calculated to position the casing seat opposite a competent formation which

will contain the maximum pressure to which it will be exposed during normal drilling operations. Determination of casing setting depth shall be based on all relevant factors, including; presence/absence of hydrocarbons; fracture gradients; usable water zones; formation pressures; lost circulation zones; other minerals; or other unusual characteristics. All indications of usable water shall be reported.

b. Casing design shall assume formation pressure gradients of 0.44 to 0.50 psi per foot for exploratory wells (lacking better data).

c. Casing design shall assume fracture gradients from 0.70 to 1.00 psi per foot for exploratory wells (lacking better data)

d. Casing collars shall have a minimum clearance of 0.422 inches of all sides in the hole/casing annulus, with recognition that variances can be granted for justified exceptions.

e. All waiting on cement times shall be adequate to achieve a minimum of 500 psi compressive strength at the casing shoe prior to drilling out.

f. All casing except the conductor casing, shall be new or reconditioned and tested used casing that meets or exceeds API standards for new casing.

g. The surface casing shall be cemented back to surface either during the primary cement job or by remedial cementing.

h. All indications of usable water shall be reported to the authorized officer prior to running the next string of casing or before plugging orders are requested, whichever occurs first.

i. Three centralizers will be run on the bottom three joints of surface casing with a minimum of one centralizer per joint starting with the shoe joint.

j. Top plugs shall be used to reduce contamination of cement by displacement fluid. A bottom plug or other acceptable technique, such as a suitable preflush fluid, inner string cement method, etc. shall be utilized to help isolate the cement from contamination by the mud fluid being displaced ahead of the cement slurry.

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

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

m. The proposed casing program will be as follows:

Purpose	*Depth*	*Hole Size*	*O.D.*	*Weight*	*Grade*	*Type*	*New/Used*
Surface	0-350'	14-3/4"	10-3/4"	40.5#	J-55	STC	New
Intermediate	0'-5,600'	9-7/8"	7-5/8"	29.7#	N-80	LTC	New
Production	0'-10,820'	6-3/4"	5-1/2"	17#	N-80	LTC	New

n. Casing design subject to revision based on geologic conditions encountered.

o. The cement program will be as follows:

Surface	***Type and Amount***
TOC @Surface	280 sxs Class "G", 2% CACl2, 1/4 #/sx Flocele @ 15.8 ppg, 1.15 cuft/sk yield.
Production	***Type and Amount***
TOC @ 150'	Lead: 390 sxs Halliburton Hi-Fill @ 11.0 ppg, 3.84 cuft/sx yield. Tail: 140 sxs 50/50 POZ, 0.3% Halad-322 @ 14.5 ppg, 1.16 cuft/sx yield.
Production	***Type and Amount***
TOC @ 5400'	420 sxs 50/50 POZ, 0.2% Halad-766, 5 lb/sx Silicalite Compacted, 20% SSA-1, 0.1% Versaset @ 14.3 ppg, 1.47 cuft/sx yield.

p. Anticipated cement tops will be reported as to depth; not the expected number of sacks of cement to be used. The District Office should be notified, with sufficient lead time, in order to have a BLM representative on location while running all casing strings and cementing.

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

r. The following reports shall be filed with the District Manager within 30 days after the work is completed.

1. Progress reports, Form 3160-5 (formerly 9-331) "Sundry Notices and Reports on Wells", must include complete information concerning:

   a. Setting of each string of casing, showing the size, grade, weight of casing set, hole size, setting depth, amounts and type of cement used, whether cement circulated or the top of the cement behind the casing, depth of cementing tools used, casing test method and results, and the date work was done. Show the spud date on the first reports submitted.

   b. Temperature or bond logs must be submitted for each well where the casing cement was not circulated to the surface.

s. Auxiliary equipment to be used is as follows:

1. Kelly cock

2. No bit float is deemed necessary.

3. A sub with a full opening valve.

5. MUD PROGRAM

a. The proposed circulating mediums to be employed in drilling are as follows:

Interval	*Mud Type*	*Mud Wt.*	*Visc.*	*F/L*	*pH*
0' - 350'	Air- Air Mist	- - -	- - -	- - -	- - -
350' - 5,600'	Water & Gel	8.6 - 8.8	38 - 44	30 cc or less	8 - 10
5,600' - 10,820'	Aerated Fluid	7.0 - 8.0	34 -38	15 cc or less	8-10

There will be sufficient mud on location to control a blowout should one occur.

A mud test shall be performed every 24 hours after mudding up to determine, as applicable: density, viscosity, gel strength, static filtration loss, and Ph.

b. Mud monitoring equipment to be used is as follows:

1. Periodic checks will be made each tour of the mud system. The mud level will be checked visually.

c. No chromate additives will be used in the mud system on Federal and/or Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

d. No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

e. The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

6. EVALUATION PROGRAM

The anticipated type and amount of testing, logging and coring are as follows:

a. No drill stem tests are anticipated, however, if DST's are run, the following requirements will be adhered to:

Initial opening of drill stem test tools shall be restricted to daylight hours unless specific approval to start during other hours is obtained from the authorized officer. However, DST's may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e. lighting which is adequate for visibility and vapor-proof for safe operations). Packers can be released, but tripping shall not begin before daylight, unless prior approval is obtained from the authorized officer. Closed chamber DSTs may be accomplished day or night.

A DST that flows to the surface with evidence of hydrocarbons shall be either reversed out of the testing string under controlled surface conditions. This would involve provided some means for reverse circulation.

Separation equipment required for the anticipated recovery shall be properly installed before a test starts.

All engines within 100 feet of the wellbore that are required to "run" during the test shall have spark arresters or water cooled exhausts.

b. The logging program will consist of a Triple Combo to be run from Surface Casing - TD.

c. No cores are anticipated.

d. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with form 3160-4. Samples (cutting, fluids, and/or gases0 will be submitted when requested by the authorized officer (AO).

e. The anticipated completion program will be based upon drilling shows.

f. Daily drilling and completion progress reports shall be submitted to the BLM in Vernal on a weekly basis.

7. ABNORMAL TEMPERATURES OR PRESSURES

a. The expected bottom hole pressure is 4501 psi. The maximum bottom hole temperature anticipated is 222 degrees F.

b. No hydrogen sulfide gas is anticipated. No abnormal pressures are anticipated.

8. ANTICIPATED STARTING DATES AND NOTIFICATION OF OPERATIONS

a. Drilling is planned to commence upon approval of this application.

b. It is anticipated that the drilling of this well will take approximately 23 days.

c. The BLM in Vernal, Utah shall be notified of the anticipated date of location construction commencement and of anticipated spud date.

d. No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

e. The spud date will be reported orally to the AO within 48 hours after spudding. If the spudding occurs on a weekend or holiday, the report will be submitted on the following regular work day. The oral report will be followed up with a Sundry Notice.

f. In accordance with Onshore Oil and Gas Order No. 1, this well will be reported on Form 3160-6 "Monthly Report of Operations", starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report will be filed with the Vernal BLM District Office, 170 South 500 East, Vernal, UT 84078.

g. Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

h. If a replacement rig is contemplated for completion operations, a "Sundry Notice" Form 3160-5 to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

i. Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communications, not later than 5 days following the date on which the well is placed on production.

j. Pursuant to Onshore Order No. 7, with the approval of the District Engineer, produced water may be temporarily disposed of into unlined pits for a period of up to 90 days. During the period so authorized, an application for approval of the permanent disposal method, along with the required water analysis and other information, must be submitted to the District Engineer.

k. Pursuant to NTL-4A, lessees or operators are authorized to vent/flare gas during initial well evaluation tests, not exceeding a period of 30 days or the production of 50 MMCF of gas, whichever occurs first. An application must be filed with the District Engineer and approval received, for any venting/flaring of gas beyond the initial 30 day or authorized test period.

l. A schematic facilities diagram as required by 43 CFR 3162.7-5 (b.9.d.), shall be submitted to the appropriate District Office within sixty (60) days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (b.4.).

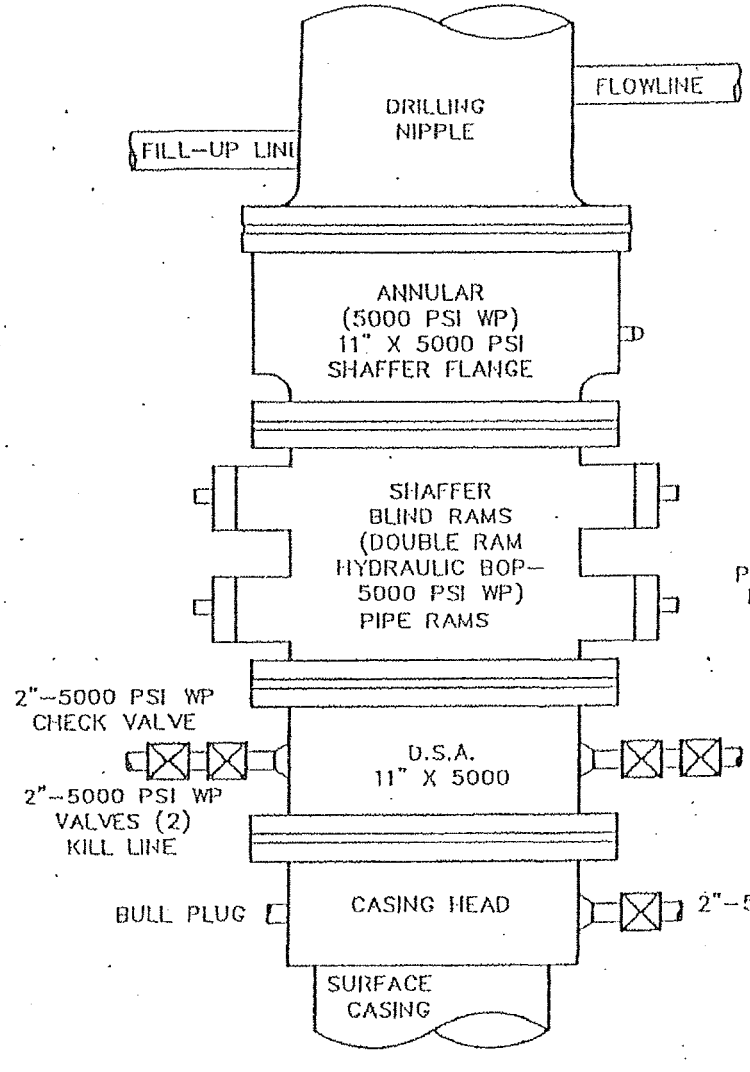
m. A first production conference will be scheduled within 15 days after receipt of the first production notice.

n. No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the SO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within 30 days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

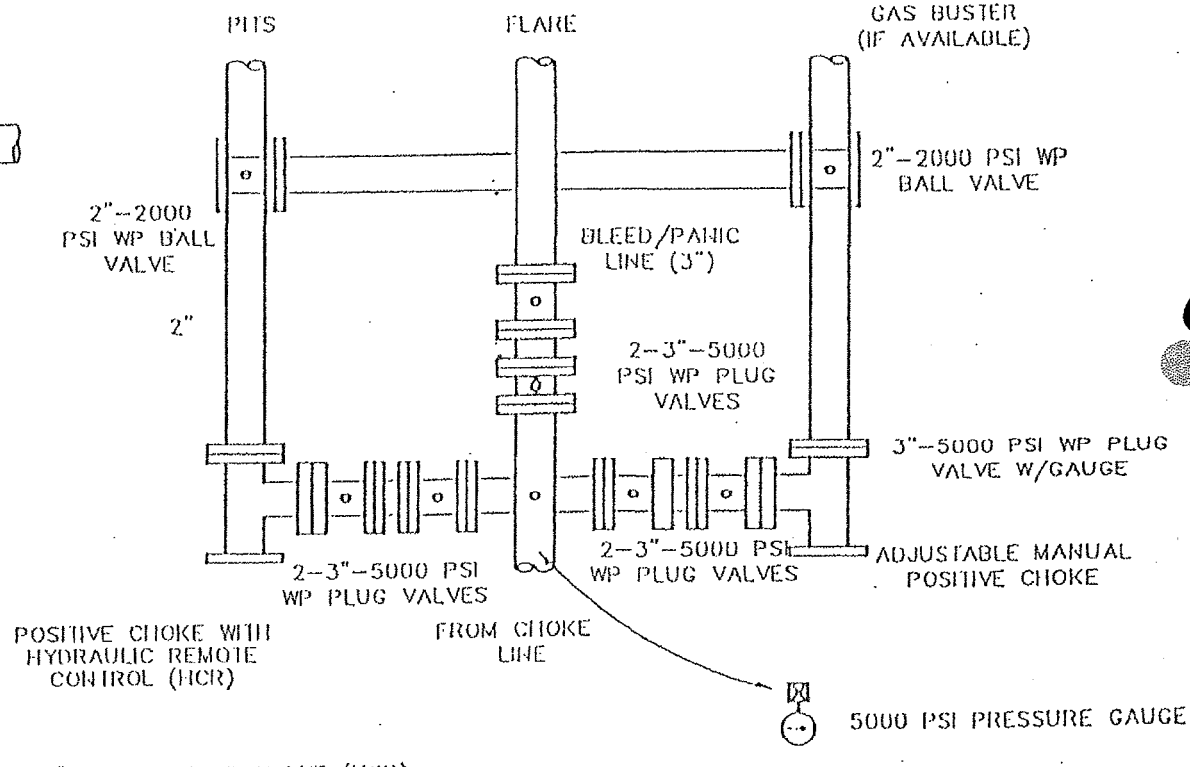
o. Pursuant to Onshore Oil and Gas Order No. 1, lessees and operators have the responsibility to see that their exploration, development, production, and construction operations are conducted in a manner which conforms with applicable Federal laws and regulations and with State and local laws and regulations to the extent that such State and local laws are applicable to operations on Federal or Indian lands.

Bureau of Land Management 170 South 500 East Vernal, Utah 84078		
Phone: 435/781-4400	After Hours:	Fax: 435/781-4410
Matt Baker	Petroleum Engineer	435/828-4470
Michael Lee	Petroleum Engineer	435/828-7875

BOP SCHEMATIC
5000 PSI WORKING PRESSURE



PLAN VIEW CHOKE MANIFOLD



THE HYDRAULIC CLOSING UNIT WILL BE LOCATED MORE THAN 30' FROM THE WELLHEAD. CHOKE AND BLEED/PANIC LINES WILL GO TO THE PIT AND FLARE. ALL CONNECTIONS IN CHOKE LINES AND MANIFOLD WILL BE FLANGED OR WELDED. ALL FLANGES SHOULD BE RING JOINT GASKET TYPE. ALL TURNS IN LINES SHALL BE CONSTRUCTED USING TARGETING 90° TEES OR ELLS. ALL LINES SHALL BE ANCHORED.

ONSHORE OIL & GAS ORDER NO. 1
NOTIFICATION REQUIREMENTS

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

The onsite inspection was conducted on November 16, 2006 at approximately 1:00 p.m. Weather conditions were cool and cloudy. The following individuals were in attendance:

Holly Villa	Natural Resource Specialist	Bureau of Land Management
Brandon McDonald	Wildlife Biologist	Bureau of Land Management
Dan Emmett	Intern	Bureau of Land Management
Danny Rasmussen	Surveyor	Uintah Eng. & Land Surveying
John Bruch	Helper	Uintah Eng. & Land Surveying
Randy Smith	Permitting Agent	Permitco Inc.
Steve Schreck	Regulatory Compliance Supervisor	Pioneer Natural Resources USA, Inc.

1. EXISTING ROADS

a. The proposed well site is located approximately 56.7 miles southeast of Ouray, Utah.

b. Directions to the location from Ouray, Utah are as follows:

Proceed Southeasterly on the Seep Ridge Road for approximately 51.1 miles. Turn left and proceed north 3.9 miles to a fork in the road. Turn right and proceed northeast 1.6 miles. Turn left onto the proposed access and proceed northwest 0.1 miles until reaching the proposed location.

c. For location of access roads within a 2-Mile radius, see Maps A & B.

d. Improvement to existing main roads will not be required.

e. All existing roads will be maintained and kept in good repair during all drilling and completion operations associated with this well.

f. Existing roads and newly constructed roads on surface under the jurisdiction of any Surface Managing Agency shall be maintained in accordance with the standards of the SMA.

2. PLANNED ACCESS ROADS

a. There will be approximately 0.1 miles of new access to be constructed in accordance with Gold Book standards.

b. The maximum grade of the existing construction will be approximately 2%.

c. No low water crossings will be necessary.

d. No culverts will be necessary.

e. The use of surfacing material is not anticipated, however it may be necessary depending on weather conditions.

f. No cattle guards will be necessary.

g. Surface disturbance and vehicular travel will be limited to the approved location and approved access route. Any additional area needed will be approved in advance.

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

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

j. No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

k. All new access is within the lease boundary and a road right of way will not be necessary.

3. LOCATION OF EXISTING WELLS WITHIN A 1-MILE RADIUS OF THE PROPOSED LOCATION. (See Map "C")

a. Water wells - none

b. Injection wells - none

c. Producing wells - two

d. Drilling wells - none

e. Shut-in wells - two

f. Temporarily abandoned wells - none

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g. Disposal wells -none

h. Abandoned wells - one

i. Dry Holes - none

4. LOCATION OF TANK BATTERIES AND PRODUCTION FACILITIES.

a. All permanent structures (onsite for six months or longer) constructed or installed (including oil well pump jacks) will be painted Olive Black. All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded.

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

c. If production is established, a production facility diagram will be submitted via sundry.

d. All loading lines will be placed inside the berm surrounding the tank battery.

e. Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flow line will be buried or anchored down from the wellhead to the separator. Meter runs will be housed and/or fenced.

f. The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal Field Office. All meter measurement facilities will conform with Onshore Oil and Gas Order No. 4 for liquid hydrocarbons and Onshore Oil and Gas Order No. 5 for natural gas measurement.

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

h. Any necessary pits will be properly fenced to prevent any wildlife entry.

i. All site security guidelines identified in 43 CFR 3162.7 regulations will be adhered to.

j. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the District Manager.

k. All access roads will be maintained as necessary to prevent erosion and accommodate year-round traffic.

l. The road will be maintained in a safe useable condition.

m. Pipelines will follow the route shown on Map D. Pipeline right of way is needed for the portion of pipeline located outside of the lease boundary. We are requesting that this APD be used as our application for pipeline right of way. Please notify us once a category determination has been made so that we may send the necessary filing fees.

5. LOCATION AND TYPE OF WATER SUPPLY

a. The proposed water source will be from a water well located in the SW SE, Section 32, T4S - R3E, Ouray, UT, Permit No. 43-8496

b. Water will be hauled by Dalbo, Inc. to the location over the access roads shown on Maps A and B.

c. No water well will be drilled on this lease.

6. SOURCE OF CONSTRUCTION MATERIAL

a. Surface and subsoil materials in the immediate area will be utilized.

b. Any gravel used will be obtained from a commercial source.

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c. The use of materials under BLM jurisdiction will conform with 43 CFR 3610.2.3. Construction material will not be located on lease.

d. No construction materials will be removed from Federal land.

7. METHODS OF HANDLING WASTE DISPOSAL

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

b. At the request of the BLM, the reserve pit will be lined with a 12 mil liner. If fractured rock is encountered, the pit will be first lined with sufficient bedding (either straw or dirt) to cover any rocks. The 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. More stringent protective requirements may be deemed necessary by the A.O.

c. Burning will not be allowed. All trash will be contained in a trash cage and its contents removed at the end of drilling operations and hauled to an approved disposal sight.

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

e. Drill cuttings are to be contained and buried in the reserve pit.

f. 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.

g. A chemical porta-toilet will be furnished with the drilling rig.

h. The produced fluids will be produced into a test tank until such time as construction of production facilities is completed. Any spills of oil, gas salt water or other produced fluids will be cleaned up and removed.

8. ANCILLARY FACILITIES

There are no airstrips, camps, or other facilities planned at this time.

9. WELL SITE LAYOUT

a. The operator or his/her contractor shall contact the BLM Office at 435/781-4400 forty-eight (48) hours prior to construction activities.

b. The reserve pit will be located on the south side of the location.

c. The flare pit will be located on the west side of the reserve pit, a minimum of 100 feet from the well head and 20 feet from the reserve pit fence.

d. The stockpiled topsoil (first six inches) will be stored on the north side of the location, between corners 2 and 8 near the wellpad. Topsoil along the access route will be wind rowed on the uphill side.

e. Access to the well pad will be from the east as shown on the Pit & Pad Layout.

f. See Location Layout for orientation of rig, cross section of drill pad and cuts and fills.

g. The location of mud tanks; reserve pit, trash cage; pipe racks; living facilities and soil stockpiles will be shown on the Location Layout.

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

1. 39 inch net wire shall be used with at least one strand or barbed wire on top of the net wire (barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence).

2. The net wire shall be no more than 2-inches above the ground. The barbed wire shall be 3-inches above the net wire. Total height of the fence shall be at least 42-inches.

3. Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.

4. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than 16 feet.

5. All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

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

10. PLANS FOR RESTORATION OF SURFACE

Producing Location

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

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

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

d. The reserve pit and that portion of the location not needed for production facilities or operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 120 days from the date of well completion. Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed and all cans, barrels, pipe, etc., will be removed.

e. Reclamation of unused disturbed areas on the well pad/access road no longer needed for operations, such as cut slopes, and fill areas will be accomplished by grading, leveling and seeding as recommended by the Authorized Officer. A seed mixture will be specified by the Bureau of Land Management in their Conditions of Approval for the subject well.

Seeding will be performed immediately after the location has been reclaimed and the pit has been backfilled, regardless of the time of year. Seed will be broadcast and walked in with a dozer.

f. The topsoil stockpile will be seeded as soon as the location has been constructed with the same recommended seed mix. The seed will be walked in with a cat.

g. The following seed mixture will be used for interim reclamation.

Species	#'s PLS/ Acre
Needle & Thread Grass	4
Indian Rice Grass	4
Blue Gamma	3
Wyoming Sage Brush	1

Dry Hole

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

11. SURFACE OWNERSHIP

Access Roads - The majority of the access roads are maintained by the County Road Department or the Bureau of Land Management.

Well pad - The well pad is located on lands managed by the BLM.

12. OTHER INFORMATION

a. A Class III archeological survey has been conducted by SWCA. A copy of this attached.

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

-whether the materials appear eligible for the National Register of Historic Places;

-the mitigation measures the operator will likely have to undertake before the site can be used (assuming in situ preservation is not necessary); and

-a time frame for the AO to complete and expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate. If the operator wishes, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials may be required. Otherwise, the operator will be responsible for mitigation costs. The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the AO that required mitigation has been completed, the operator will then be allowed to resume construction.

c. The operator will control noxious weeds along rights-of-way for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds may be obtained from the BLM, or the appropriate County Extension Office. On BLM administered land it is required that a Pesticide Use Proposal shall be submitted, and given approval, prior to the application of herbicides or other pesticides or possible hazardous chemicals.

d. Drilling rigs and/or equipment used during drilling operations on this wellsite will not be stacked or stored on Federal Lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure.

e. All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

f. A complete copy of the approved APD shall be on location during construction of the location and drilling activities.

g. There will be no deviation from the proposed drilling and/or work over program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended or abandoned will be identified in accordance with 43 CFR 3162.

h. "Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

i. This permit will be valid for a period of one year from the date of approval. An extension period may be granted, if requested, prior to the expiration of the original approval period. After permit termination, a new application will be filed for approval for any future operations.

j. The operator or his contractor shall contact the BLM Offices at 435/781-4400 48 hours prior to construction activities.

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

13. LESSEE'S OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION

Permit Matters

PERMITCO INC.
14421 County Road 10
Ft. Lupton, CO 80621
303/857-9999 (O)
303/857-0577 (F)
Lisa Smith

Drilling & Completion Matters

Pioneer Natural Resources USA, Inc.
1401 - 17th Street, Suite 1200
Denver, CO 80202
303/675-2782 (O)
303/294-1275 (F)
Stephen Schreck - Regulatory Compliance Supervisor

CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Pioneer Natural Resources USA, Inc. and its contractors and subcontractors in conformity with the 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.

April 11, 2007
Date:

Lisa Smith - PERMITCO INC.
Authorized Agent for:
Pioneer Natural Resources USA, Inc.

PIPELINE INFORMATION

TRAPP SPR FED #41-35-14-23

1. The type of pipeline is a single well flow line.

2. The outside diameter (O.D.) of all will be 4 inches.

3. The anticipated production through the line is approximately 2000 MCF per day.

4. The anticipated maximum test pressure is 1000 psi.

5. The anticipated operating pressure is 100-200 psi.

6. The type of pipe is steel.

7. The method of coupling is welded.

8. The pipeline will be buried.

9. There are no other pipelines to be associated in same right of way.

10. There will be other objects to be associated in the same right of way. (Risers, Pig Launchers Pig Traps, meters and other appurtenances as required.)

11. The total length of pipeline is approximately 8,854 feet (6454' off lease and 2400' on lease)- see Map D.

12. The line will be buried adjacent to the access road, as shown on Map D.

13. The construction width for total surface disturbing activities is 30 feet.

14. The estimated total acreage involving all surface disturbing activities is 6.1 acres (4.4 acres off lease and 1.7 acres on lease).

15. Any surface disturbance created as a result of the pipeline construction will be reclaimed utilizing the reclamation procedures and seed mixture specified by the Bureau of Land Management and the surface owner.

16. The line will be tested with gas pressure to 1000 psi.

PETROLEUM PERMITTING
PERMITCO
COMPANY

CLASS III CULTURAL RESOURCE INVENTORY OF THREE PROPOSED WELL PADS ON SEEP RIDGE, UINTAH COUNTY, UTAH

Submitted to

Pioneer Natural Resources USA, Inc.
1401 17th Street, Suite 1200
Denver, CO 80202

Prepared by

Karen Reed
Heidi Guy Hays

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Scott A. Slessman, Principal Investigator

Bureau of Land Management Cultural Resource Use Permit 06UT55126

State of Utah Project Number U-06-ST-01546BPS

SWCA Project No. 12124-222

SWCA Cultural Resource Report 2006-594

December 2006

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ABSTRACT

During October and November 2006, SWCA Environmental Consultants (SWCA) conducted a Class III cultural resource inventory of 11.1 miles (269.1 acres) of pipeline, 4.4 miles (106.7 acres) of proposed access roads, 1.5 miles (36.4 acres) of co-located pipeline and access roads, and 30 acres for three proposed well pads in Uintah County, Utah on behalf of Pioneer Natural Resources USA, Inc. (Pioneer). Pioneer proposes to construct three well pads (Pine Spring Federal 14-21-14-22, Trapp Spring Federal 11-35-14-23, and Trapp Spring Federal 41-35-14-23), construct pipelines to connect the wells with an existing pipeline, and improve access roads on privately held lands, State of Utah lands, and public lands administered by the Bureau of Land Management (BLM)-Vernal Field Office (VFO).

The project area is located at the southeastern edge of Uintah County, Utah. Located approximately 70 miles southeast of Vernal, Utah, the proposed project lies within the Tavaputs Plateau section of the Colorado Plateau (Stokes 1986). The project area is located in Sections 14, 15, 16, 21, 23, 24, 25, 28, 29, and 34 in Township (T) 14 South (S), Range (R) 22 East (E); Section 35 in T14S, R23E; Sections 2 and 3 in T15S, R22E; and Sections 2, 11, 14, 23, and 26 in T15S, R23E.

During the Class III cultural resource inventory of the proposed well pads, four previously recorded sites were revisited: 42UN338, 42UN1120, 42UN1122, and 42UN5165. 42UN338, 42UN1120, and 42UN1122 were originally recommended as eligible for the National Register of Historic Places (NRHP), while 42UN5165 was originally recommended as not eligible. SWCA recorded one isolated occurrence (not eligible for the NRHP) and one new archaeological site (42UN5507) during this project. 42UN5507 is recommended at not eligible for the NRHP. 42UN338, 42UN1120, and 42UN1122 remain recommended as eligible for the NRHP under Criterion D. Eligible sites will be avoided and the project will have no impact on the sites or their integrity. No further work is recommended. It is recommended that the construction of the proposed pipeline, access roads, and well pads proceed subsequent to the BLM review of this document.

COVER PAGE
Must Accompany All Project Reports
Submitted to Utah SHPO

Project Name: Three Proposed Well Pads on Seep Ridge, Uintah County, UT **State Proj. No.:** U-06-ST-01546 BPS

Report Date: December 2006 **County(ies):** Uintah County

Principal Investigator: Scott Slessman

Field Supervisor(s): Andrew Williamson and Kendanne Altizer

Records search completed at what office(s)? Utah Division of State History; BLM – Vernal Field Office

Record search date(s): October 25, 26, and 30

Area Surveyed – Intensive *(≤15 m intervals)*: 442.2 **acres** **Recon/Intuitive** *(>15 m interval/s)*: _____ **acres**

7.5' Series USGS Map Reference(s): Pine Springs Canyon, Utah (1966); Seep Canyon, Utah (1966); P R Spring, Utah (1970)

SITES REPORTED	COUNT /	SMITHSONIAN SITE NUMBERS
Archaeological Sites	5	42UN338, 42UN1120, 42UN1122, 42UN5165, 42UN5507
Revisits (no inventory form update)	3	42UN1120, 42UN1122, 42UN5165,
Updates (updated IMACS site inventory form attached	1	42UN338
New recordings (IMACS site inventory form attached)	1	42UN5507
Total Count of Archaeological Sites	5	
Historic Structures (USHS 106 site info form attached)	0	
Total National Register Eligible Sites	3	42UN338, 42UN1120, 42UN1122

Checklist of Required Items, attached

1. _X_ Copy of the final report
2. _X_ Copy of 7.5' Series USGS map with surveyed/excavated area clearly identified
3. Completed IMACS site inventory forms
   - _X_ Parts A and B or C
   - _X_ IMACS Encoding Form
   - _X_ Site Sketch Map
   - _X_ Photographs
   - _X_ Copy of the appropriate 7.5' Series USGS map with site location marked and Smithsonian site number clearly labeled
4. _X_ Completed "Cover Page" accompanying final report and survey materials

For UDSH office use only

Form UT-8100-3
(December 2000)

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
UTAH STATE OFFICE

Summary Report of Cultural Resources Inspection

State Proj. No: U-06-ST-01546BPS

1. Report Title: Class III Cultural Resource Inventory of Three Proposed Well Pads on Seep Ridge, Uintah County, Utah.

2. Report Date: December 2006

3. Date(s) of Survey: October 30 and 31, November 1 through 6, 2006

4. Development Company: Pioneer Natural Resources USA, Inc.

5. Responsible Institution: SWCA Environmental Consultants

6. Responsible Individuals
   Principal Investigator: Scott A. Slessman
   Field Supervisor(s): Andrew Williamson and Kendanne Altizer
   Report Author(s): Karen Reed and Heidi Guy Hays

7. BLM Field Office: Vernal Field Office

8. County(ies): Uintah County

9. Fieldwork Location:
   USGS Map: Pine Springs Canyon, Utah (1966); Seep Canyon, Utah (1966); P R Spring, Utah (1970)

   Twn: 14S Range: 22E Section: 14, 15, 16, 21, 23, 24, 25, 28, 29, and 34

   Twn: 14S Range: 23E Section: 35

   Twn: 15S Range: 22E Section: 2 and 3

   Twn: 15S Range: 23E Section: 2, 11, 14, 23, and 26

10. Record Search:
    Location of Records Searched: Utah Division of State History; BLM –Vernal Field Office

    Date of Record Search: October 25, 26, and 30, 2006

11. Description of Examination Procedures: The APE for the project includes a 200-ft (60-m) ROW for the length of the proposed pipelines and access roads, totaling 412.2 acres, and a 10-ac parcel for each well pad, totaling 30 acres. SWCA archaeologists surveyed the APE pipeline/access road corridor using double, 30-m-wide zigzag transects, and the well pad parcels using 25-m-wide zigzag transects.

12. Area Surveyed:

		BLM	OTHER FED	STATE	PRIVATE
Linear Miles	Intensive:	14.2		2.3	0.5
	Recon/Intuitive:				
Acreage	Intensive:	30			
	Recon/Intuitive:				

13. Sites Recorded:

		BLM		OTHER FED		STATE		PRIVATE	
		#	Smithsonian Site Numbers	#	Smithsonian Site Numbers	#	Smithsonian Site Numbers	#	Smithsonian Site Numbers
Revisits (no IMACS form)	NR Eligible	2	42UN1120, 42UN1122,						
	Not Eligible	1	42UN5165						
Revisits (updated IMACS)	NR Eligible	0				1	42UN338		
	Not Eligible	0							
New Recordings (IMACS)	NR Eligible	0							
	Not Eligible	0						1	42UN5507

Total Number of Archeological Sites: 5

Historic Structures (USHS Form): 0

Total National Register Eligible Sites: 3

14. Description of Findings:

The Class III cultural resource inventory of the proposed project area for the Three Well Pads on Seep Ridge project revisited 4 previously recorded sites: 42UN338, 42UN1120, 42UN1122, and 42UN5165. 42UN338, 42UN1120, and 42UN1122 were originally recommended as eligible for the National Register of Historic Places (NRHP). SWCA recorded 1 isolated occurrence (IO) (not eligible for the NRHP) and one new archaeological site during this project. 42UN5507 is recommended as not eligible for the NRHP. 42UN338, 42UN1120, and 42UN1122 remain recommended as eligible for the NRHP under Criterion D.

15. Collection Yes___ No_X_____

(If Yes) Curation Facility:
Accession Number(s):

16. Conclusion/Recommendations:

The Class III cultural resource inventory of the Three Well Pads on Seep Ridge project recorded one new archaeological site, revisited four previously recorded sites (three recommended as eligible for the NRHP), and recorded one IO (recommended as not eligible for the NRHP). Eligible sites will be avoided and the project will have no impact on the sites or their integrity. No further work is recommended. It is recommended that the construction of the proposed pipeline, access roads, and well pads proceed subsequent to the BLM review of this document.

8100-3 Form

INTRODUCTION

SWCA Environmental Consultants (SWCA) conducted a Class III cultural resource inventory for three proposed well pads in Uintah County, Utah: Pine Springs Federal 14-21-14-22, Trapp Spring Federal 11-35-14-23, and Trapp Spring Federal 41-35-14-23. The inventory was conducted at the request of Pioneer Natural Resources USA, Inc. (Pioneer), Western Division. The project area is comprised of lands administered by private landowners, the State of Utah, and the Bureau of Land Management (BLM)-Vernal Field Office (VFO), and consists of approximately 11.1 miles (mi) of proposed pipeline, 4.4 mi of proposed access roads, 1.5 mi of co-located proposed pipelines and access roads, and 30 acres (ac) for three proposed well pads. The inventory was conducted under Utah Division of State History project number U-06-ST-01546BPS. Andrew Williamson, Kendanne Altizer, Kiera Simms, Robert Herrmann, Kendall Stadtman, Phil Hanes, Lauren Frink, and Ashley Fife conducted the fieldwork in October and November 2006. Scott Slessman served as principal investigator under BLM Cultural Resource Use Permit number 06UT55126; Heidi Guy Hays served as the project manager and Andrew Williamson and Kendanne Altizer served as the field directors. All field notes and photographs are on file at SWCA's Broomfield, Colorado office under project number 12124-222. The BLM-VFO is the lead federal agency for this undertaking.

This cultural resource inventory was conducted to attain compliance with federal and state oil and gas mandates, including Section 106 of the National Historic Preservation Act (NHPA) of 1966 (as amended), the Antiquities Act of 1906, and the Archaeological Resources Protection Act of 1979. The objective of this inventory was to locate, document, and evaluate any cultural resources within the area of potential effect (APE) of the proposed project and to provide Pioneer with guidance for cultural resource management, treatment, and potential clearance for construction of the proposed well pads. The APE includes a 200-foot (ft)-wide corridor for the pipelines and access roads plus a 10-ac block area around each well pad.

Project Location

The project area is located in southeastern Uintah County, Utah, approximately 70 mi southeast of Vernal, Utah (Figure 1). SWCA inventoried a 200-ft right-of-way (ROW) for the entire length of proposed pipelines (11.1 mi), proposed access roads (4.4 mi), and co-located proposed pipelines and access roads (1.5 mi) covering a total of 412.2 ac. SWCA also inventoried a 10-ac parcel for each well pad, totaling 30 ac. The project area is located in Sections 14, 15, 16, 21, 23, 24, 25, 28, 29, and 34 in Township (T) 14 South (S), Range (R) 22 East (E); Section 35 in T14S, R23E; Sections 2 and 3 in T15S, R22E; and Sections 2, 11, 14, 23, and 26 in T15S, R23E (Figure 1, Appendix A). The project area includes privately owned lands, State of Utah lands, and BLM-administered lands. Privately owned lands include portions of Section 14 in T14S, R22E. State owned lands include portions of Section 16 in T14S, R22E; Section 2 in T15S, R22E; and Sections 2 and 26 in T15S, R23E. The remainder of the project area lies within public lands administered by the BLM-VFO. A project location map at 1:24,000 is included as Appendix A.

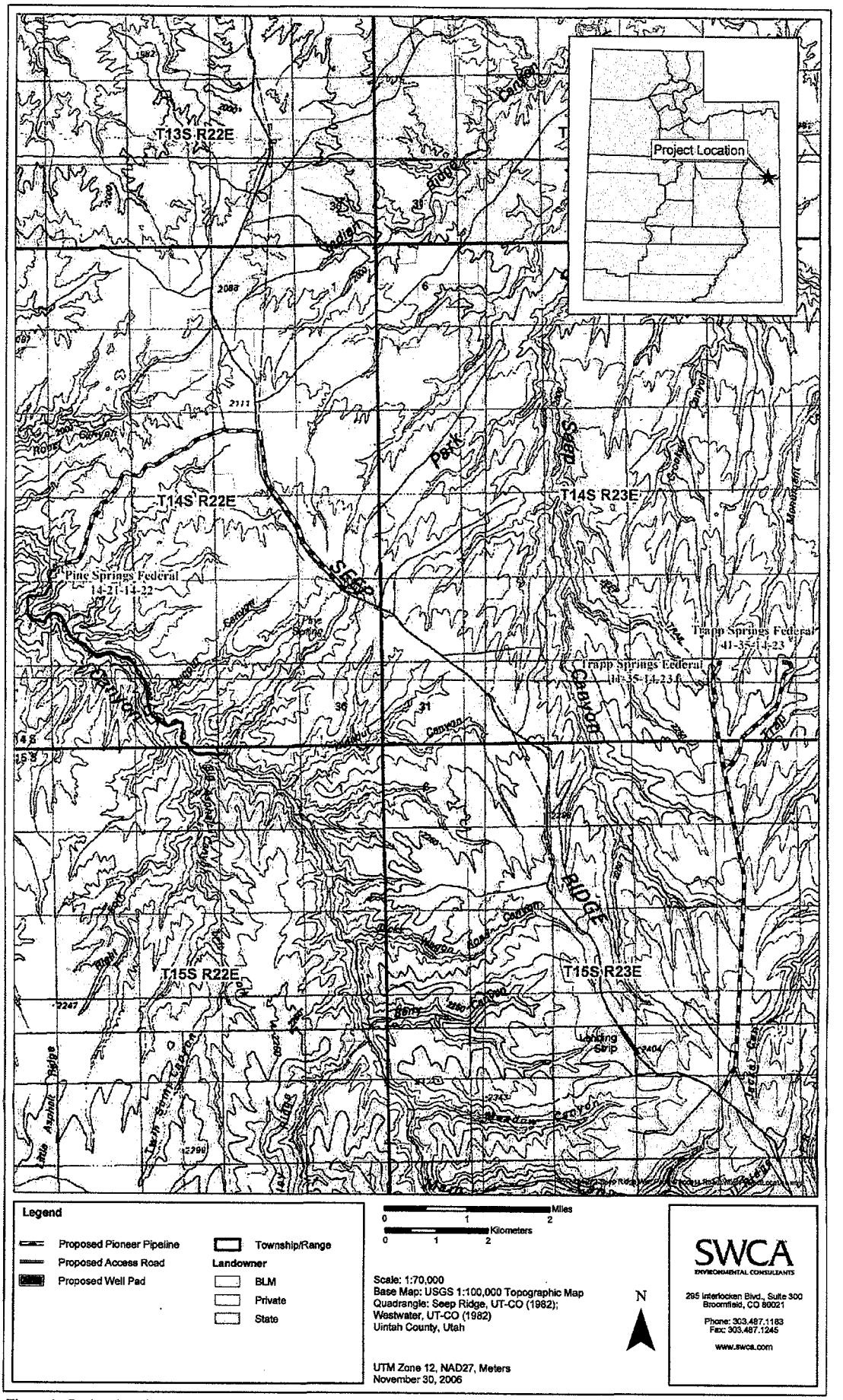
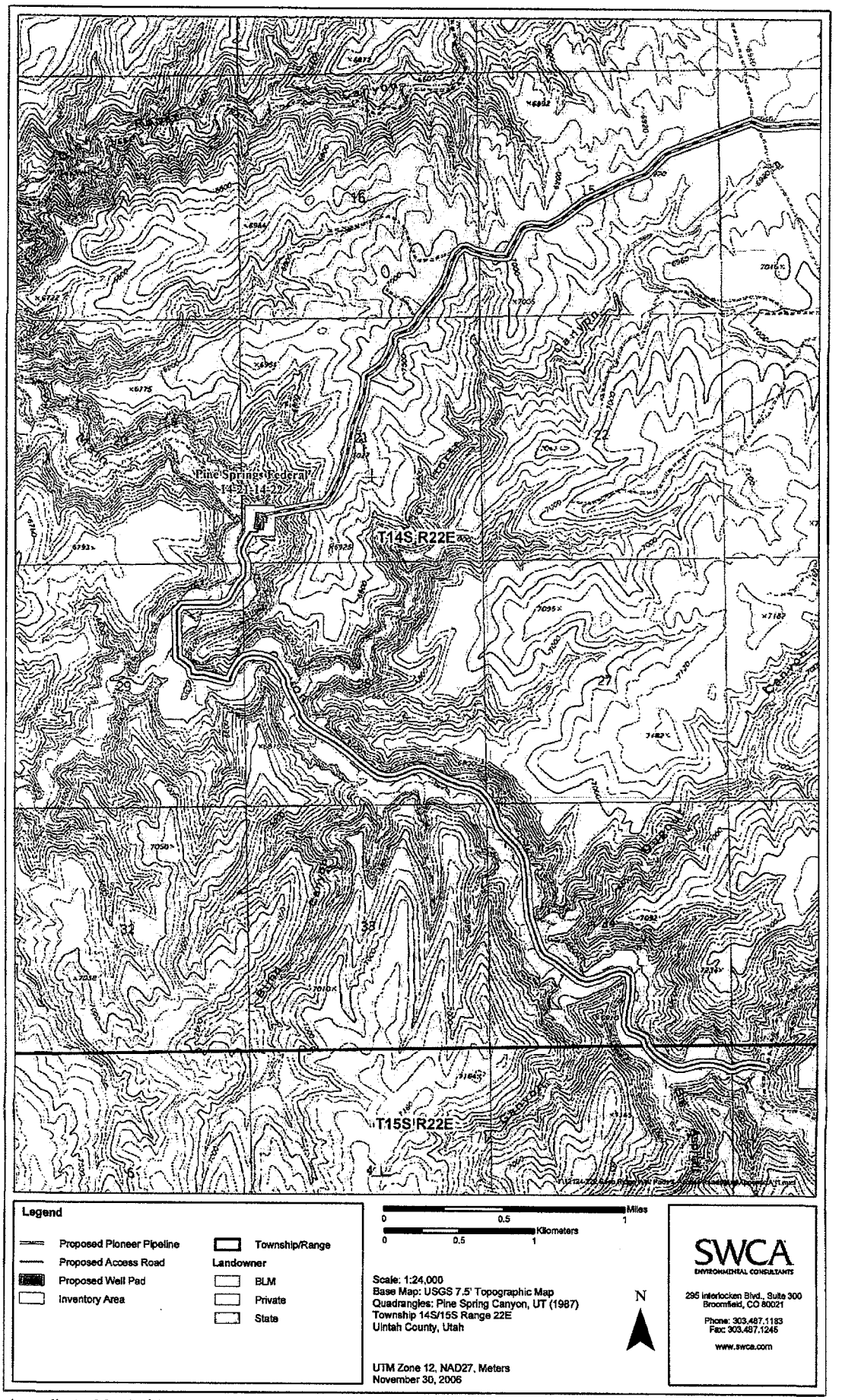
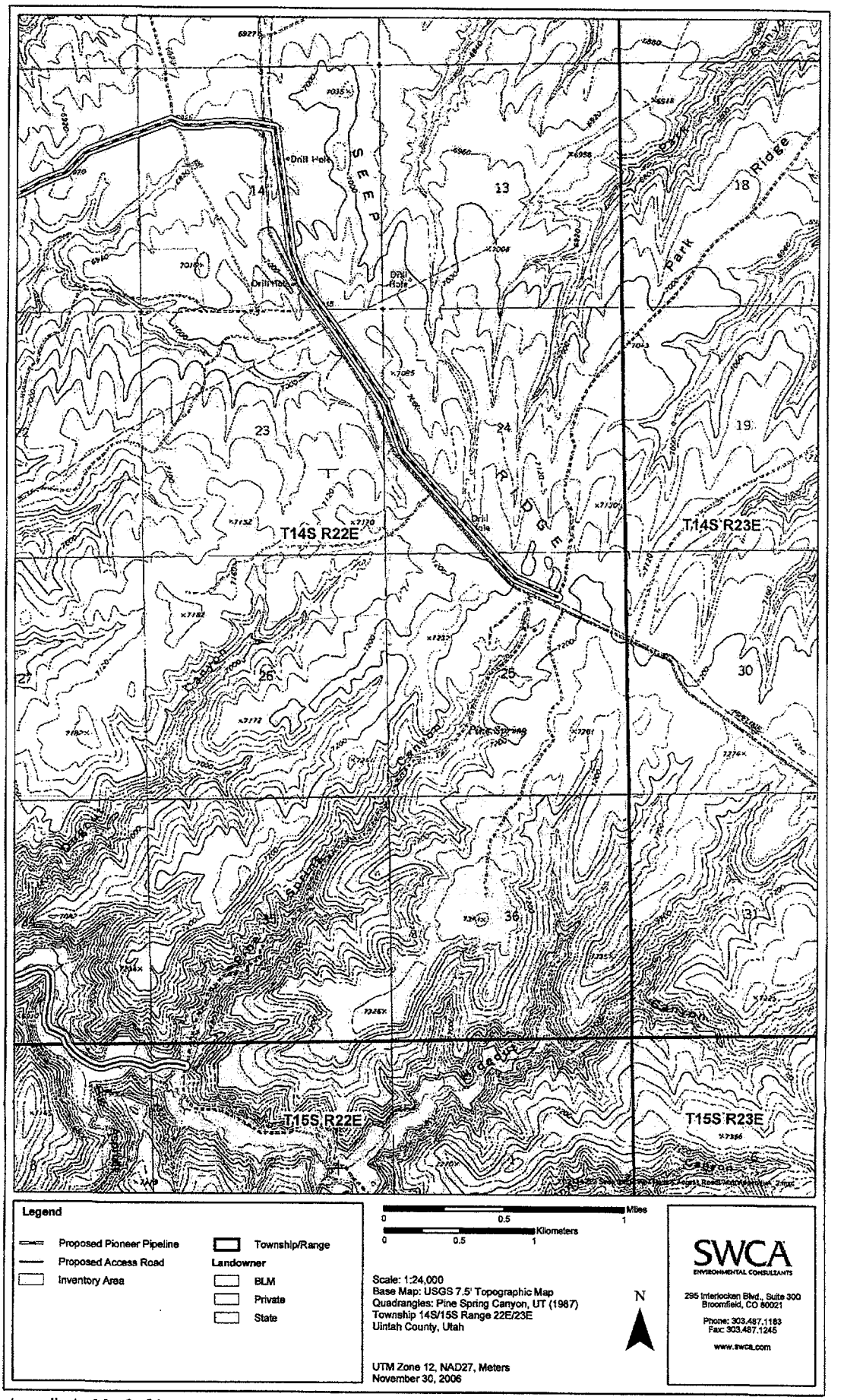


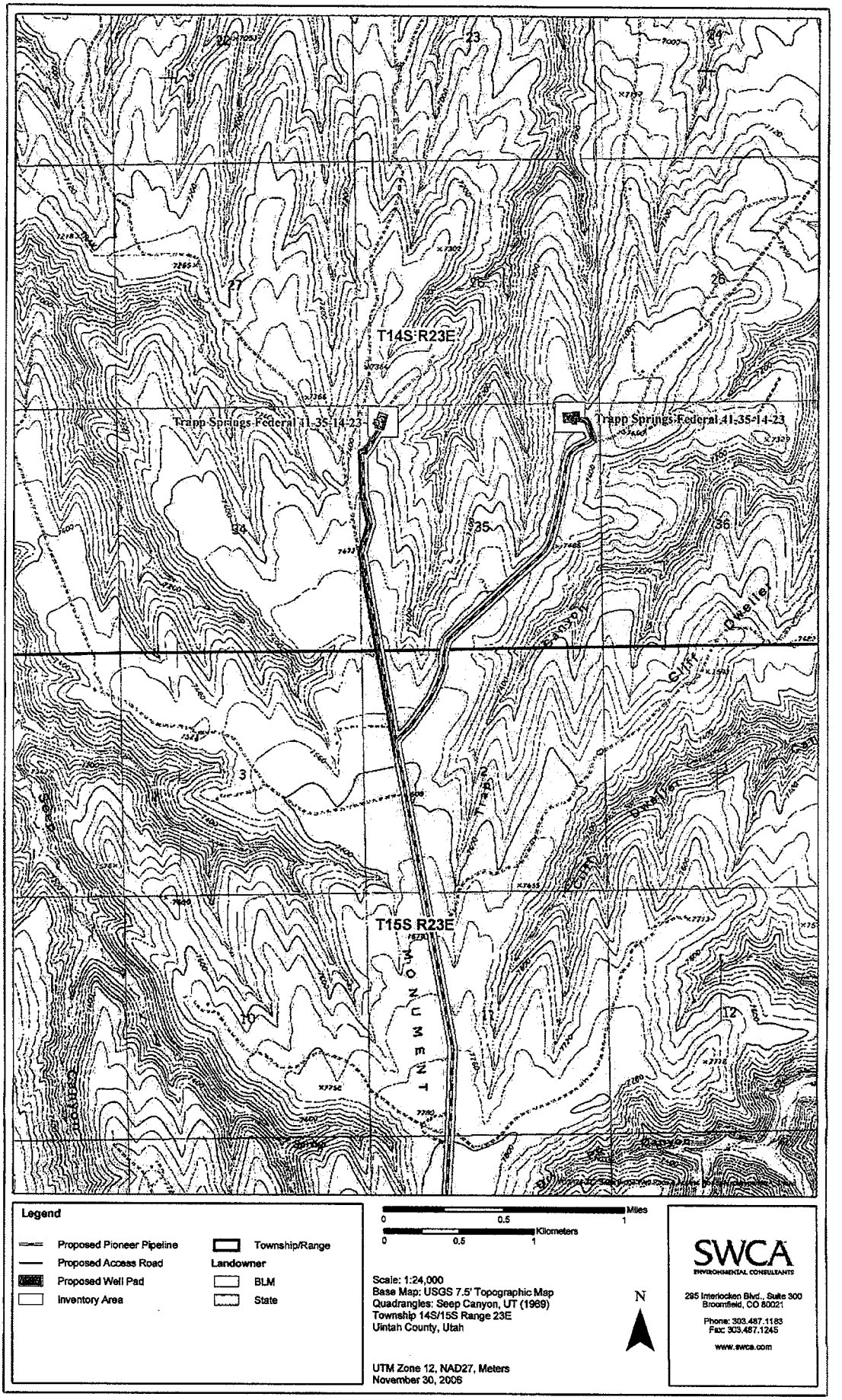
Figure 1. Project location map.



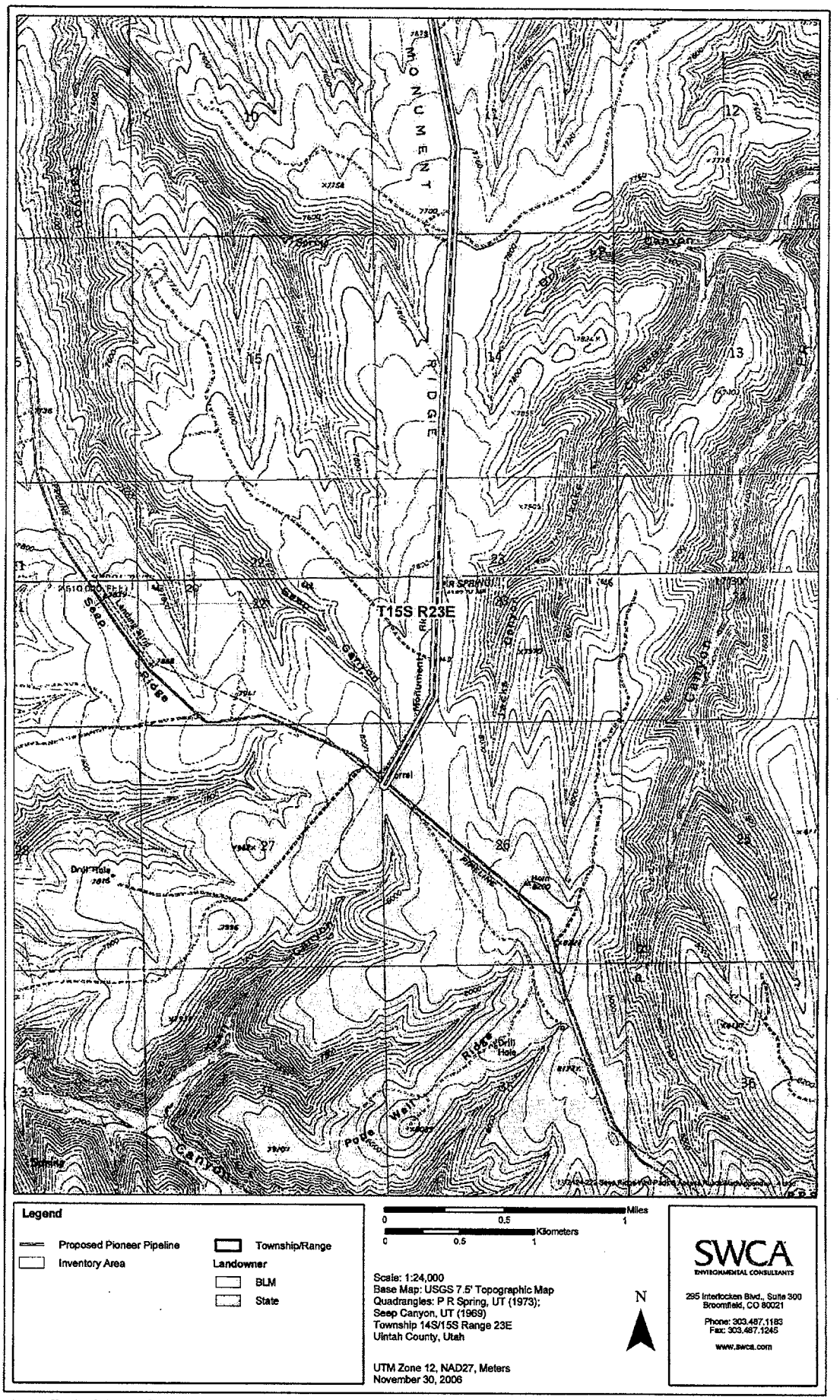
Appendix A - Map 1 of 4.



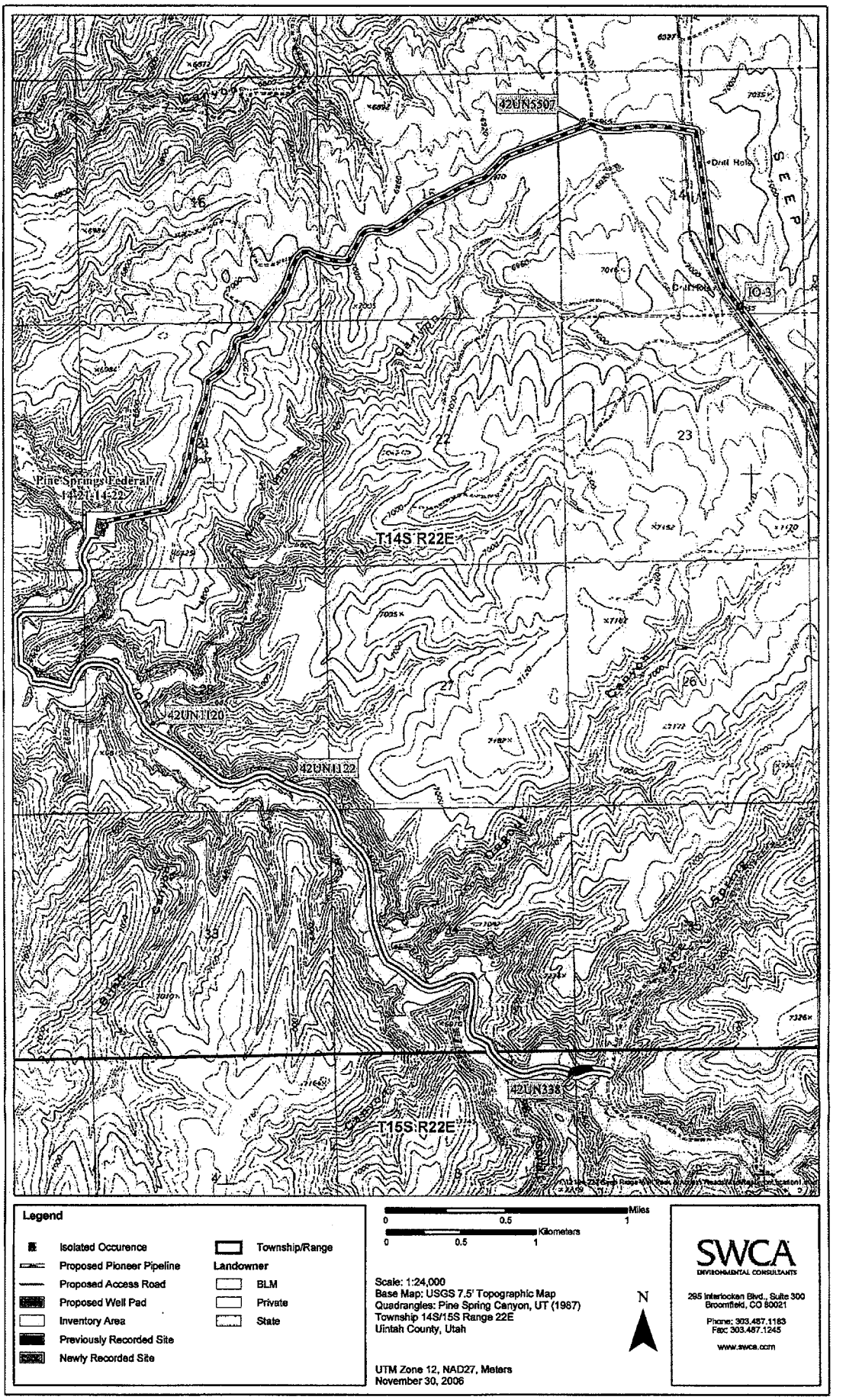
Appendix A - Map 2 of 4.



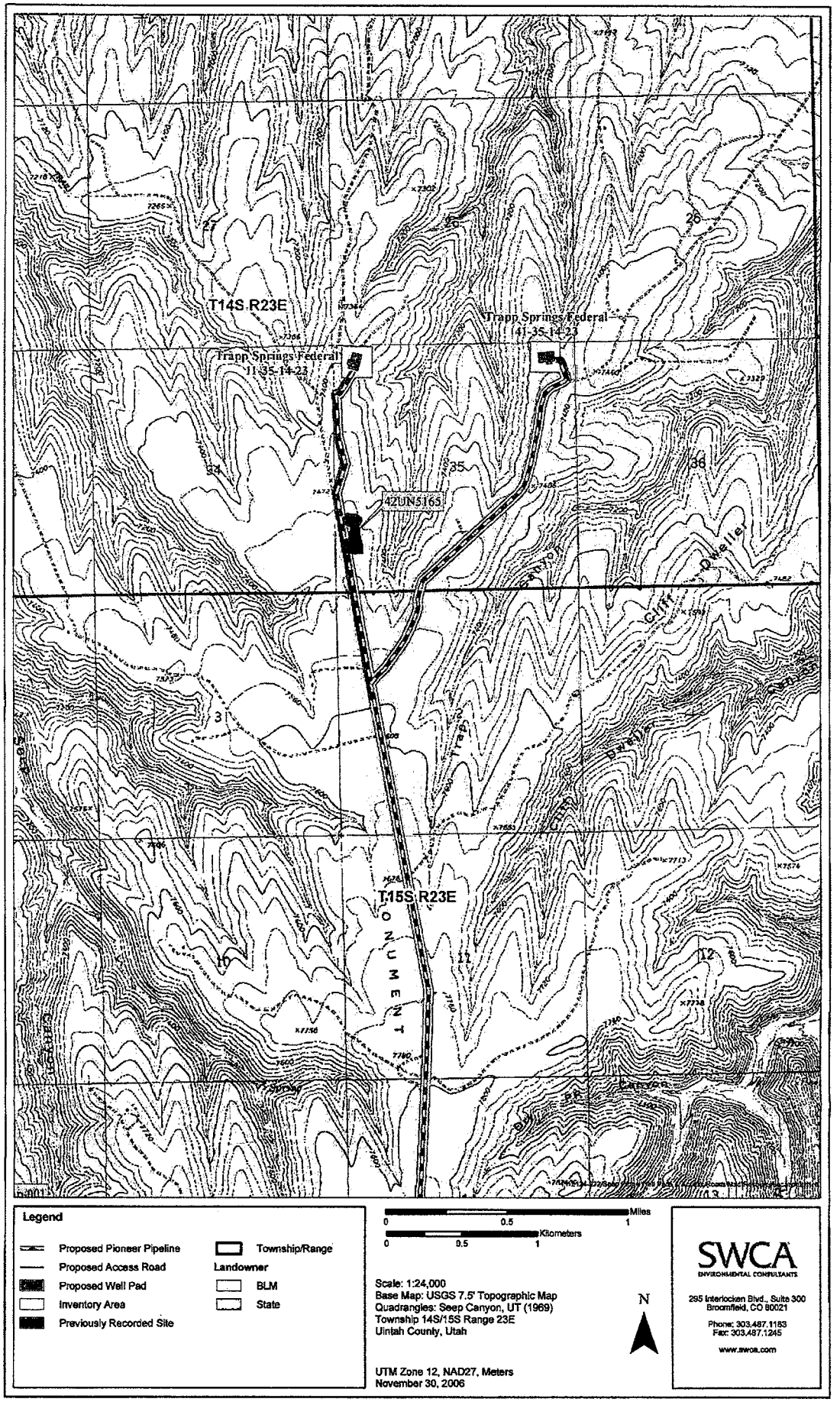
Appendix A - Map 3 of 4.



Appendix A - Map 4 of 4.



Resource Location - Map 1 of 2.



Resource Location - Map 2 of 2.

APPENDIX C
(detached)

Utah IMACS Site and Isolated Occurrence Forms

IMACS SITE FORM

INTERMOUNTAIN ANTIQUITIES COMPUTER SYSTEM
Form approved for use by
BLM - Utah, Idaho, Wyoming, Nevada
Division of State History - Utah, Wyoming
USFS - Intermountain Region
NPS - Utah, Wyoming

PART A
Administrative Data

*1. State No: 42UN338
*2. Agency No: -
3. Temp. No: 42UN338

4. State: Utah County: Uintah
5. Project: Seep Ridge Well Pads
*6. Report No: U-06-ST01546 BPS
7. Site Name / Property Name:
8. Class: ☑ Prehistoric ☑ Historic ☐ Paleontologic ☐ Ethnographic
9. Site Type: Historic Features, Historic/Prehistoric Rock Art
*10. Elevation: 6700 ft.
*11. UTM Grid: #1 Zone: 12 634860 m E 4378587 m N #2 Zone: 12 634738 m E 4378539 m N
#3 Zone: 12 634902 m E 4378586 m N #4 Zone: 12 634818 m E 4378523 m N
*12. Legals:

NW	1/4 of NW	1/4 of NW	of Section 2	Township 15	S	Range 22	E	
NE	1/4 of NE	1/4 of NE	of Section 3	Township 15	S	Range 22	E	
	1/4 of	1/4 of	of Section	Township	S	Range	E	
	1/4 of	1/4 of	of Section	Township	S	Range	E	

*13. Meridian: SLC (Utah)
*14. Map Reference: Pine Spring Canyon, UT, 7.5' Quad (1966, 1987)
15. Aerial Photo:
16. Location and Access:

From Vernal, UT, take US 40 to State Highway 88 and go south through Ouray. Continue south on State Highway 88 which turns into Seep Ridge Road. Follow Seep Ridge Road south to the Pine Springs Road junction. Turn right and go south on the Pine Springs Road until you reach the junction with Main Canyon Road. Follow Main Canyon Road south approximately 1 mile to the first canyon on the north side. The site is located near the intersection of Main Canyon Road and Hideout Canyon on the south- and west-facing cliff faces.

*17. Land Owner: Bureau of Land Management
*18. Federal Administrative Units: Vernal
*19. Location of Curated Materials:
20. Description:

Tucker recorded 42UN338 in 1973 and described the site as a petroglyph panel measuring approximately 12 by 6 ft high. The panel was recorded as displaying sheep, anthropomorphs forming a circle, a horse and rider, and miscellaneous designs, drawn near the ground surface. The site was documented as being located on the back wall of an animal stall near a small cabin in Main Canyon, north of Pine Springs Canyon.
SWCA archaeologists revisited and rerecorded the site in 2004 for the Main Canyon seismic survey, in 2005 for the Park Ridge seismic survey, and again for the current inventory. During the current recording, SWCA noted the presence of recent vandalism. A new inscription reading "RAMIRO PEREZ 10/30/06" was observed on a southeast-facing sandstone panel to the southeast of the improved crevice (Feature 6). The panel is approximately 2 m above the ground surface and is accessed by climbing through the crevice to a natural ledge. The vandalism was the only change noted on the site from the 2004 and 2005 recordings. This vandalism was reported to the BLM in November 2006.
As this recording represents only an update, a full description of the site is not included. For a full description refer to the 2005 SWCA recording.

*21. Site Condition: ☐ Excellent ☑ Good ☐ Fair ☐ Poor ☐ Inundated ☐ Destroyed ☐ Unknown

* Encoded data items

IMACS SITE FORM — PART A

*1. State No: 42UN338

*22. Impact Agents: Erosion Grazing Road

*23. National Register Status: National Register Quality (Professional Judgement)

Justify: 42UN338 was not assigned an NRHP eligibility status when it was recorded in 1973. However, further study of the rock art panels may produce additional information that refines the regional settlement chronologies, economic procurement, religious practices, and other research domains. For these reasons, in 2004 and 2005, SWCA recommended the prehistoric component of 42UN338 as eligible for NRHP nomination under Criterion D. The site's historic component represented a site type commonly found throughout the area. Its association with significant persons or events could not be determined; its architectural characteristics are indistinct, and it is unlikely to produce information that would contribute additional knowledge to the history of the area. SWCA had recommended the historic component of 42UN338 as not eligible for nomination to the NRHP during the 2004 project for the above stated reasons. During the current project, SWCA did not find any additional information that would change these NRHP eligibility recommendations.

24. Photos: Digital roll and negatives are stored at the SWCA office in Broomfield, Colorado.

25. Recorded by: R. Herrmann

*26. Survey Organization: SWCA®, Inc Environmental Consultants *28. Survey Date: 11 - 2 - 06

27. Assisting Crew Members: A. Fife, L. Frink

List of Attachments:
- [x] Part B
- [x] Part C
- [x] Part E
- [x] Topo Map
- [x] Site Sketch
- [x] Photos
- [ ] Artifact/Feature Sketch
- [ ] Continuation Sheets
- [ ] Other:

Environmental Data

*29. Slope: 98 (Degrees) 998 Aspect (Degrees)

*30. Distance to Permanent Water: 1 x 100 Meters

*Type of Water Source: Spring/Seep

Name of Water Source: Main Canyon Drainage

*31. Geographic Unit: Uintah Basin

*32. Topographic Location: *- See Guide for additional information*

Primary Landform: Canyon

Secondary Landform: Floodplain

Describe: The site is located in the floodplain of Main Canyon between Main Canyon and the Pine Springs Road. The petroglyphs are on the north wall of Main Canyon above the terrace.

*33. On-site Depositional Context Alluvial Plain

Describe: The soil consists of a brown, sand alluvial deposit derived from overbank deposits and canyon runoff.

34. Vegetation

*a. Life Zone: [ ] Arctic-Alpine [ ] Hudsonian [ ] Canadian [ ] Transitional [x] Upper Sonoran [ ] Lower Sonoran [ ] Unknown

*b. Community:

Primary On-Site: Big Sagebrush

* Encoded data items

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BLM 8100-1
FS R-4 2300-2
3/90

IMACS SITE FORM

PART A

*1. State No: 42UN338

Secondary On-Site: Wet Meadow

Surrounding Site: Big Sagebrush

Describe: Vegetation on site consists of a wet meadow, tall sagebrush, tall grasses, and forbs.

***35. Miscellaneous Text:** UTMs were recorded in NAD27.

36. Comments/Continuations

* Encoded data items

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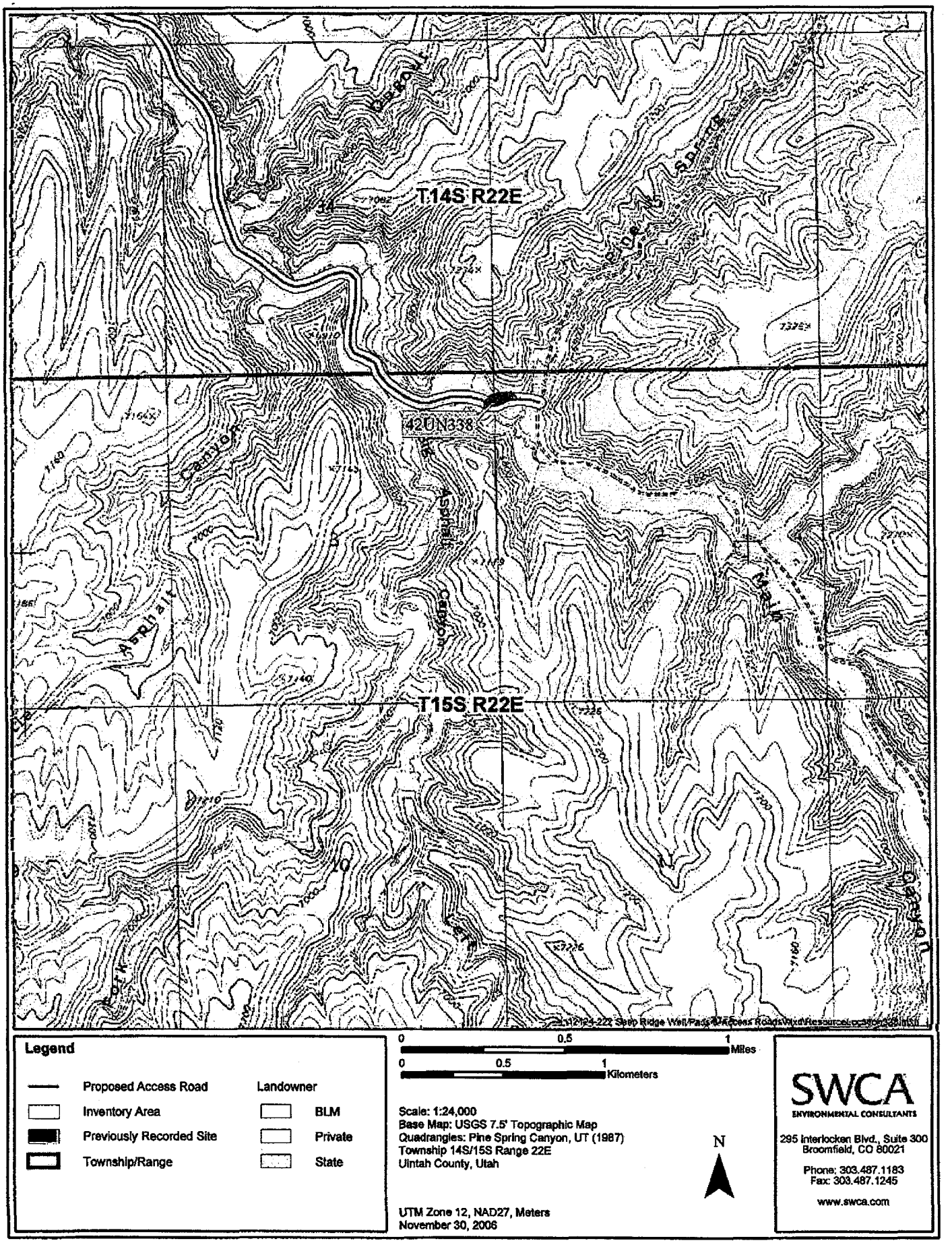
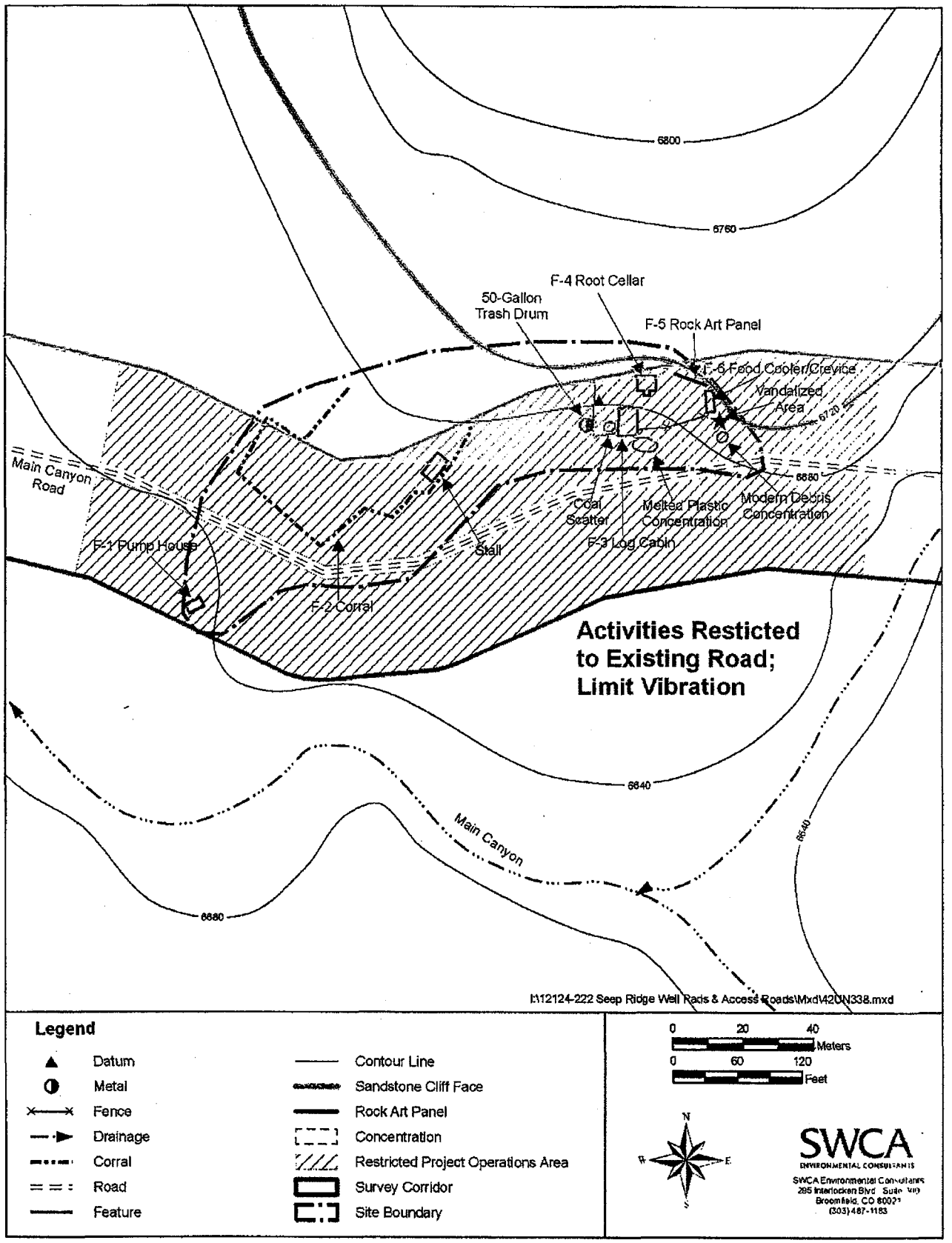
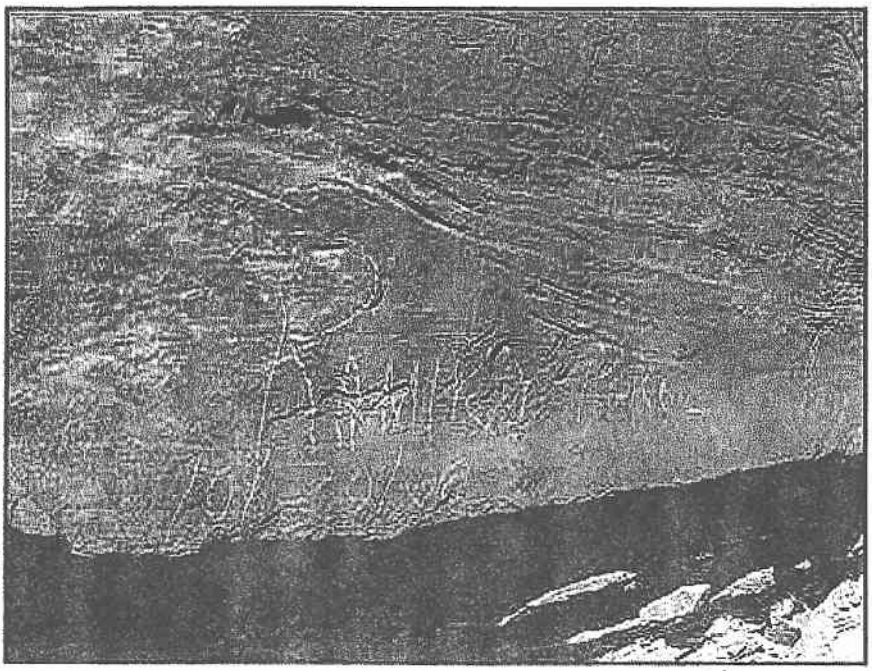
BLM 8100-1
FS R-4 2300-2
3/90



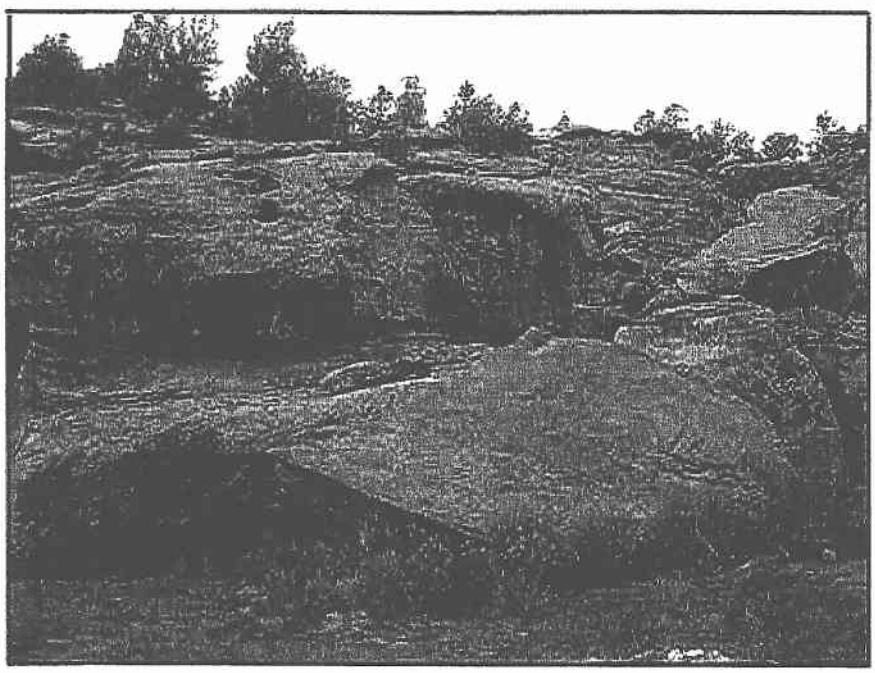
Resource Location Map.



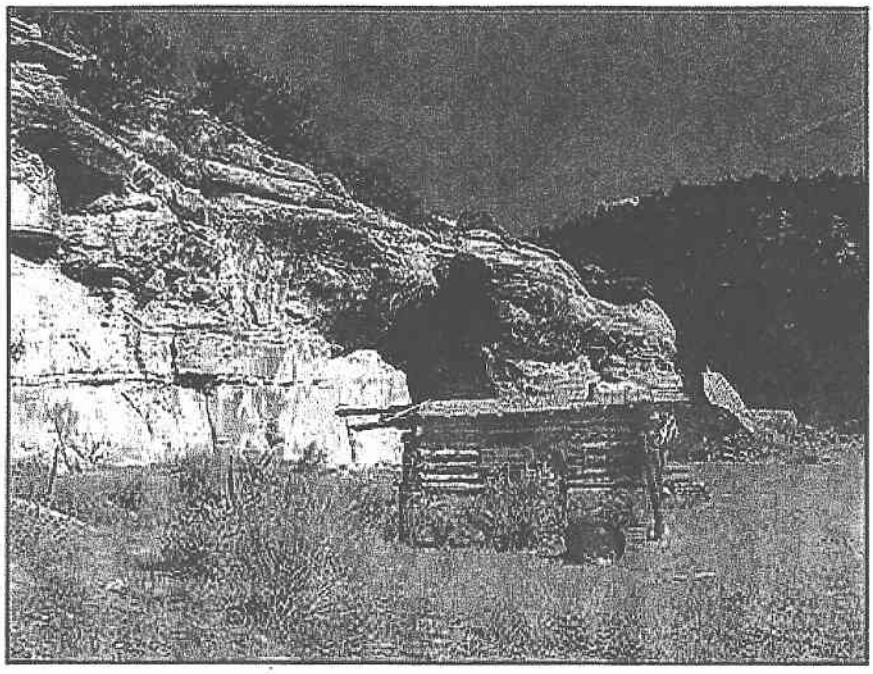
42UN338 Site Map



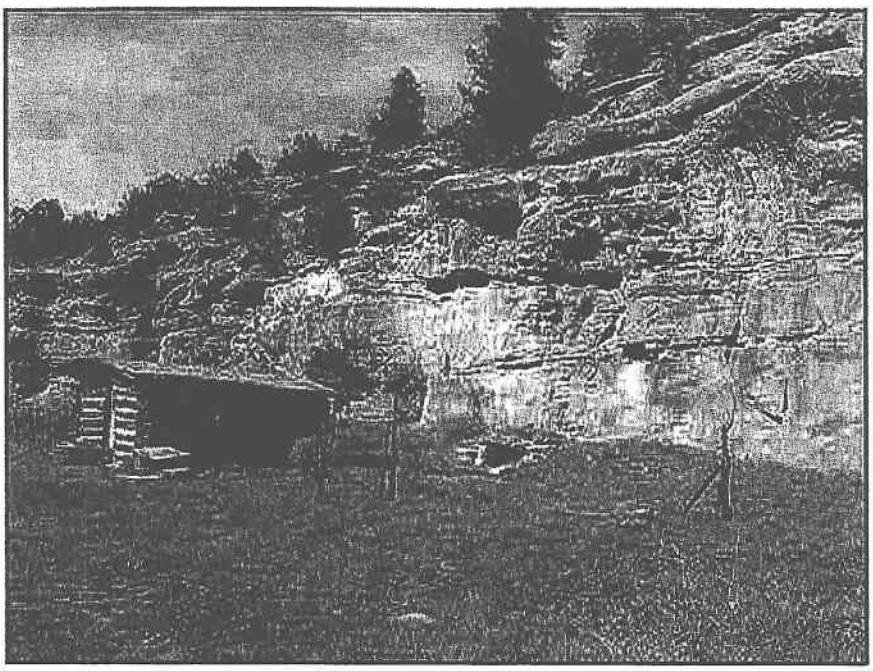
- 42UN338 – RAMIRO PEREZ 10/30/06 graffiti on rock art panel.
- Photographed by A. Fife.
- Photo taken 11-2-2006.
- Image has not been altered.



- 42UN338 – Overview facing rock art panels.
- Facing west.
- Photographed by A. Fife.
- Photo taken 11-3-2006.
- Image has not been altered.



- 42UN338 – Overview of historic cabin with rock art panels in background.
- Facing east.
- Photographed by A. Fife.
- Photo taken 11-3-2006.
- Image has not been altered.



- 42UN338 – Overview of historic cabin with rock art panels in background.
- Facing northwest.
- Photographed by A. Fife.
- Photo taken 11-3-2006.
- Image has not been altered.

IMACS SITE FORM

INTERMOUNTAIN ANTIQUITIES COMPUTER SYSTEM
Form approved for use by
BLM - Utah, Idaho, Wyoming, Nevada
Division of State History - Utah, Wyoming
USFS - Intermountain Region
NPS - Utah, Wyoming

PART A
Administrative Data

*1. State No: 42UN5507
*2. Agency No: -
3. Temp. No: Temp 2

4. State: Utah County: Uintah
5. Project: Seep Ridge Well Pads
*6. Report No: U-06-ST-01546 BPS
7. Site Name / Property Name:
8. Class: ☑ Prehistoric ☐ Historic ☐ Paleontologic ☐ Ethnographic
9. Site Type: Lithic Scatter
*10. Elevation: 6955 ft.
*11. UTM Grid: #1 Zone: 12 634790 m E 4385016 m N #2 Zone: 12 m E m N
#3 Zone: 12 m E m N #4 Zone: 12 m E m N
*12. Legals: SW 1/4 of NW 1/4 of NW of Section 14 Township 14 S Range 22 E
1/4 of 1/4 of of Section Township S Range E
1/4 of 1/4 of of Section Township S Range E
1/4 of 1/4 of of Section Township S Range E
*13. Meridian: SLC (Utah)
*14. Map Reference: Pine Spring Canyon, UT (1987)
15. Aerial Photo:
16. Location and Access:

From Vernal, UT take US 40 to State Hwy 88. Turn south to the town of Ouray. Continue south past Ouray on State Hwy 88 which turns into Seep Ridge Road. Follow Seep Ridge Road south to an unnamed dirt road in Section 14 (T14S, R22E). Turn west for approximately 0.5 mi. The site is located on both sides of the road, with the majority on the north side of the road.

*17. Land Owner: Private
*18. Federal Administrative Units:
*19. Location of Curated Materials:
20. Description:

42UN5507 is a prehistoric lithic scatter located along Seep Ridge. The site is located on a flat plain area containing low sagebrush. Surrounding the site area are taller sagebrush and an isolated pinyon-juniper woodland. The site area appears to have been impacted by chaining and brushing. Other impacts to the surrounding area include vehicle traffic on a two-track road and a vehicle parking and turnaround area within the pinon/juniper zone. The soil is light brown residuum.

The artifact assemblage consists of a small, flaked lithic scatter and four lithic tools. The lithic debitage represents all stages of lithic reduction including primary flakes (n = 8), secondary flakes (n = 15), and tertiary flakes (n = 7). Eight material types were present within the assemblage including: brown and tan chert (n = 16), light brown chert (n = 6), brown chert (n = 3), chalcedony (n = 1), red chert (n = 1), black slate (n = 1), gray quartzite (n = 1), and black ignimbrite (n = 1). A large quantity of unmodified natural material was observed on the site. This raw material was primarily composed of white shale.

The four tools noted on the site were all bifaces. P-1 is a light brown chert late stage biface medial fragment that measures 7 cm long by 3 cm wide and is 0.5 cm thick. P-2 is a brown chert late stage biface fragment that measures 3.9 cm long by 2.4 cm wide and is 0.3 cm thick. P-3 is a light brown chert late stage biface that measures 3.8 cm long by 3.3 cm wide and is 0.1 cm thick. P-4 is a light brown chert mid-stage biface fragment that measures 5.0 cm long by 3.3 cm wide and is 0.8 cm thick.

*21. Site Condition: ☐ Excellent ☐ Good ☐ Fair ☑ Poor ☐ Inundated ☐ Destroyed ☐ Unknown
*22. Impact Agents: Road Grazing Other

* Encoded data items

Printed on 12/11/2006 1:49:47

BLM 8100-1
FS R-4 2300-2
3/90

IMACS SITE FORM — PART A

*1. State No: 42UN5507

*23. National Register Status: Non-Significant (Professional Judgement)

Justify: 42UN5507 is recommended as not eligible for NRHP nomination. The site represents a limited surface expression lithic scatter with no cultural or temporal affiliation markers present. The impact of chaining and brushing on the site has disturbed the context of the cultural material and has likely exposed and reburied artifacts. This disturbance is limited to the upper 5 cm of soil and has not exposed any features or evidence of features. The site area and surrounding areas have a high amount of white/tan rock resembling slate that appears to be decaying bedrock at or near the surface. The extent of information that can be garnered from this site has been exhausted. The site lacks the potential to contribute additional information capable of furthering our knowledge of prehistory. The current project will have no effect on this site.

24. Photos: Digital roll, negatives stored at SWCA Broomfield office

25. Recorded by: R. Herrmann

*26. Survey Organization: SWCA®, Inc Environmental Consultants *28. Survey Date: 11 - 5 - 06

27. Assisting Crew Members: K. Stadtman, K. Boatman, K. Simms

List of Attachments: ☑ Part B ☑ Topo Map ☑ Photos ☐ Continuation Sheets
☐ Part C ☑ Site Sketch ☐ Artifact/Feature Sketch ☐ Other:
☐ Part E

Environmental Data

*29. Slope: 1 (Degrees) 120 Aspect (Degrees)

*30. Distance to Permanent Water: 335 x 100 Meters

*Type of Water Source: Stream/River

Name of Water Source: Wild Horse Canyon Creek

*31. Geographic Unit: Uintah Basin

*32. Topographic Location: *- See Guide for additional information*

Primary Landform: Ridge

Secondary Landform: Plain

Describe: The site is located along Seep Ridge in a flat plain area.

*33. On-site Depositional Context Alluvial Plain

Describe: The soil is a light brown alluvium.

34. Vegetation

*a. Life Zone: ☐ Arctic-Alpine ☐ Hudsonian ☐ Canadian ☐ Transitional ☑ Upper Sonoran ☐ Lower Sonoran ☐ Unknown

*b. Community:

Primary On-Site: Low Sagebrush

Secondary On-Site: Big Sagebrush

Surrounding Site: Pinyon-Juniper Woodland

Describe: The site is located within a low sagebrush community that has been impacted by chaining/brushing. There are also

* Encoded data items

some tall sagebrush and pinyon/juniper surrounding the site area.

***35. Miscellaneous Text:**

36. Comments/Continuations

It appears that the artifacts may have been eroding downslope from the west/northwest (the pinyon/juniper zone). A survey of the pinyon/juniper zone identified an impacted area used for vehicle parking and turn arounds. No artifacts were located in the impacted area. The site area and surrounding area has a high amount of white/tan rock resembling slate, particularly within the impacted area. This rock appears to be bedrock decaying at or near the surface.

Part B - Prehistoric Sites

Site No: 42UN5507

1. Site Type: Prehistoric Lithic Scatter

	CULTURAL AFFILIATION	DATING METHOD	CULTURAL AFFILIATION	DATING METHOD
*2. Culture:	Unknown Aboriginal	None		

Describe:

3. Site Dimensions: 56 m X 36 m *Area: 1,621 sq. m ☑ If checked, area was determined by GIS

*4. Surface Collection/Method

Sampling Method:

*5. Estimated Depth of Cultural Fill: Surface

How Estimated: The site area has been chained/brushed. The impacts of chaining and brushing have not exposed any features or evidence of features. The cultural material appears to be a surface expression. The presence of decaying bedrock at and near surface limits the potential for buried cultural deposits.
(If Tested, show location on site map)

*6. Excavation Status:

Testing Method:

*7. Summary of Artifacts and Debris: *(Refer to Guide for additional categories)*

Lithic Scatter

Describe: The artifact assemblage consists of a small, flaked lithic scatter and 4 tools. The lithic debitage represents all stages of lithic reduction including primary flakes (n=8), secondary flakes (n=15), and tertiary flakes (n=7). Eight material types were present within the assemblage including: brown and tan chert (n=16), light brown chert (n=6), brown chert (n=3), chalcedony (n=1), red chert (n=1), black slate (n=1), gray quartzite (n=1), and black ignimbrite (n=1). A large quantity of unmodified natural material was observed on the site. This raw material was primarily composed of white shale.

*8. Lithic Tools:	#	Type	#	Type
	P-1	Biface	P-2	Biface
	P-3	Biface	P-4	Biface

Describe: P-1 is a light brown chert late stage biface medial fragment. P-2 is a brown chert late stage biface fragment. P-3 is a light brown chert late stage biface. P-4 is a light brown chert mid-stage biface fragment.

*9. Lithic Debitage - Estimated Quantity: 25-100

Material Type: Chert, chalcedony, quartzite, shale, ignimbrite

Flaking Stages: (0) Not Present (1) Rare (2) Common (3) Dominant

Decortication: 2 Secondary: 3 Tertiary: 2 Shatter: 1 Core: 0

Part B - Prehistoric Sites

Site No: 42UN5507

10. Maximum Density - # / sq m (all lithics): 2/sq m

*11. Ceramics Artifacts:

#	Type	#	Type

Describe: No ceramic artifacts.

12. Maximum Density - # / sq m (ceramics):

*13. Non-Architectural Features (locate on site map): - *See Guide for additional categories*

#	Type	#	Type	#	Type

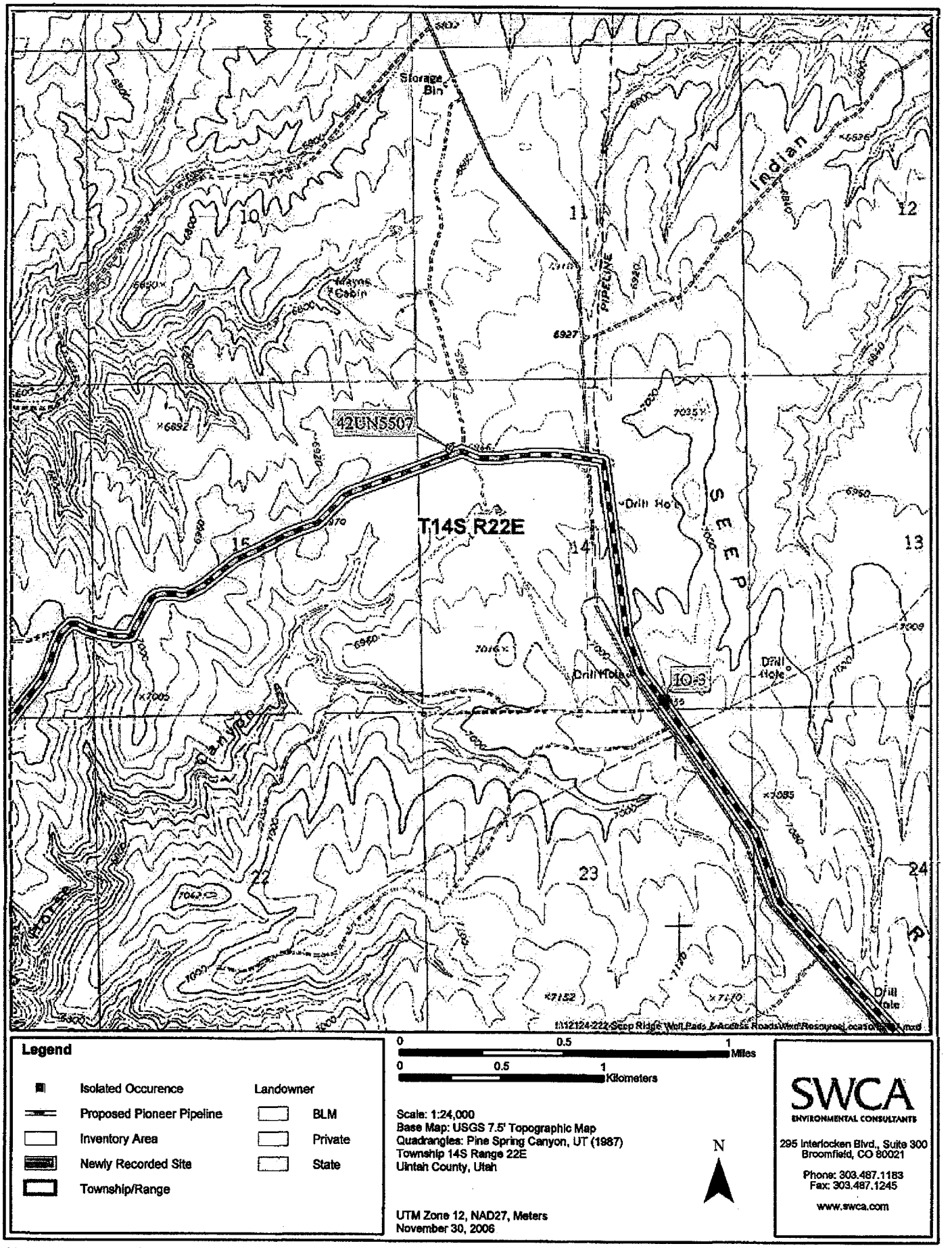
Describe: No non-architectural features

*14. Architectural Features (located on site map):

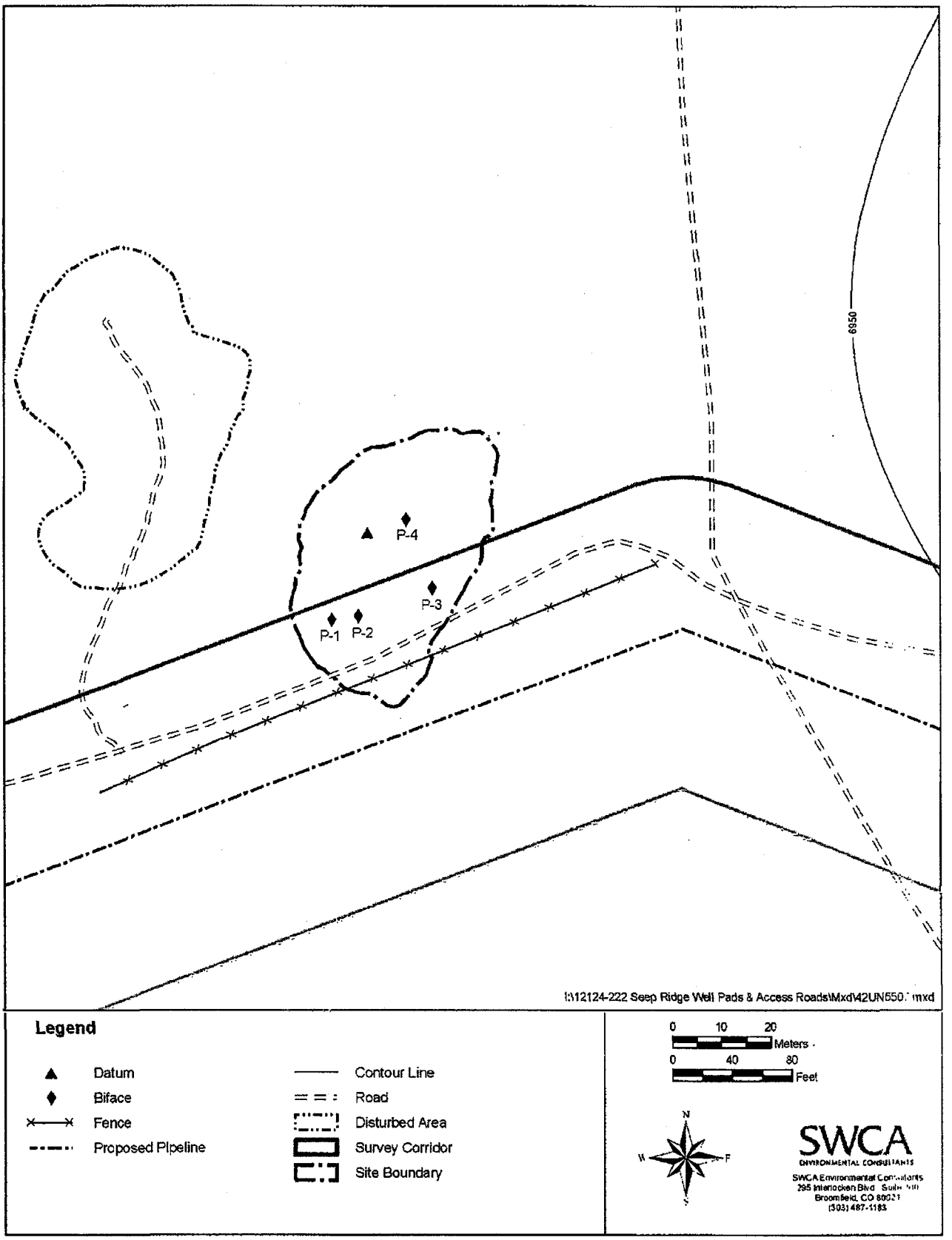
#	Material	Type	#	Material	Type

Describe: No architectural features

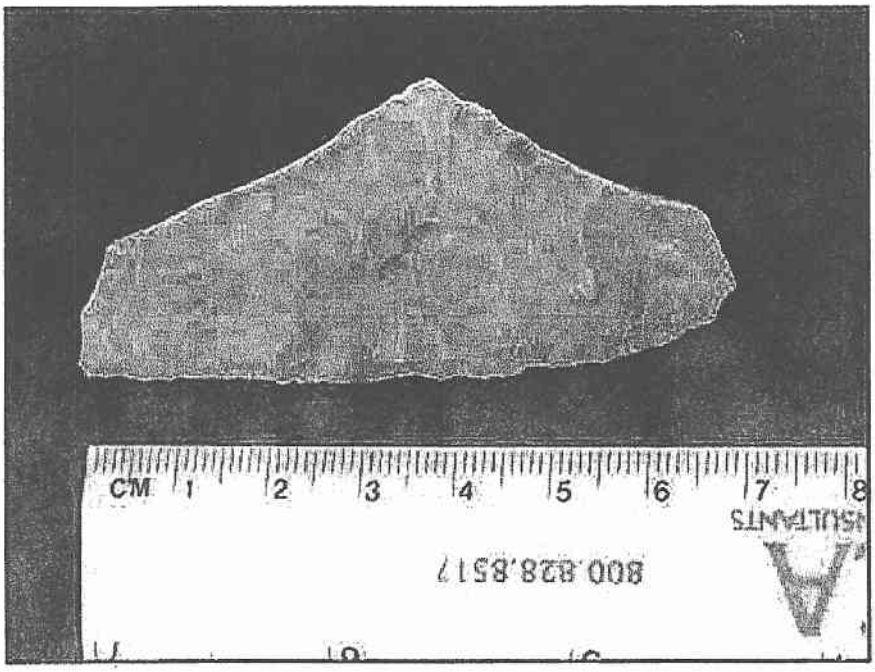
15. Comments / Continuations:



Resource Location Map.

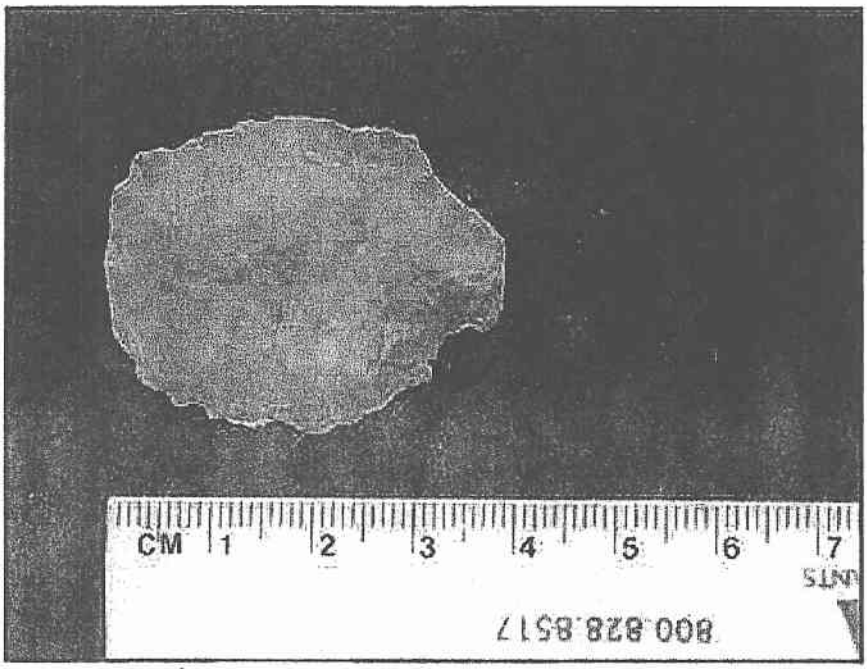


42UN5507 Site Map

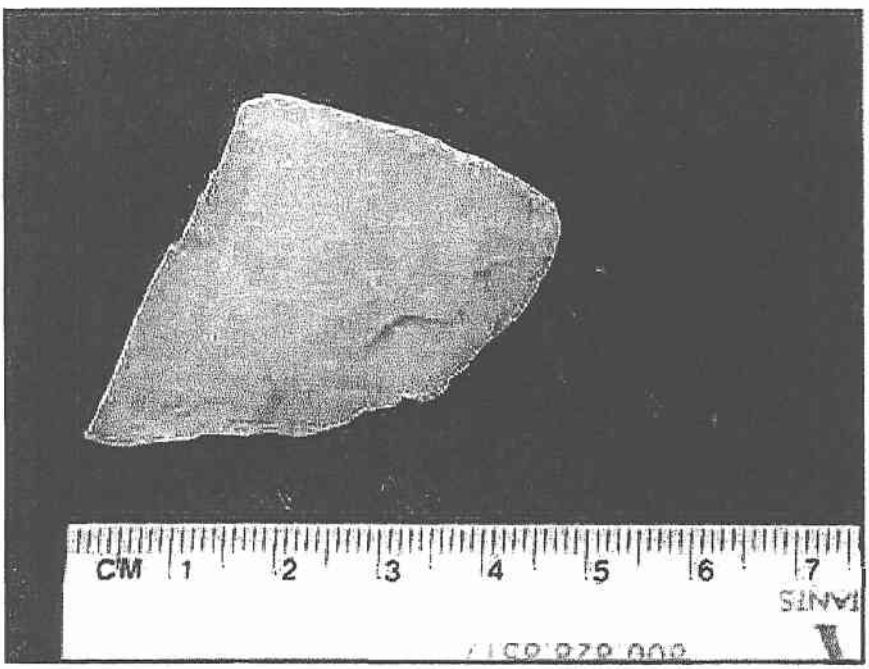


- 42UN5507 – Gray chert biface – P1.
- Photographed by K. Simms.
- Photo taken 11-5-2006.
- Image has not been altered.

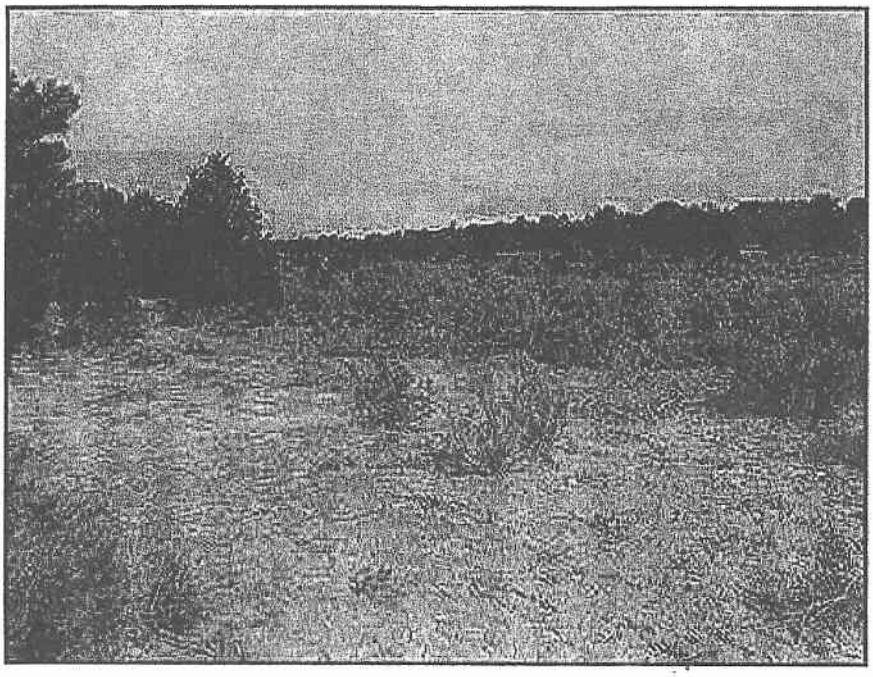
- 42UN5507 – Brown chert biface – P2.
- Photographed by K. Simms.
- Photo taken 11-5-2006.
- Image has not been altered.



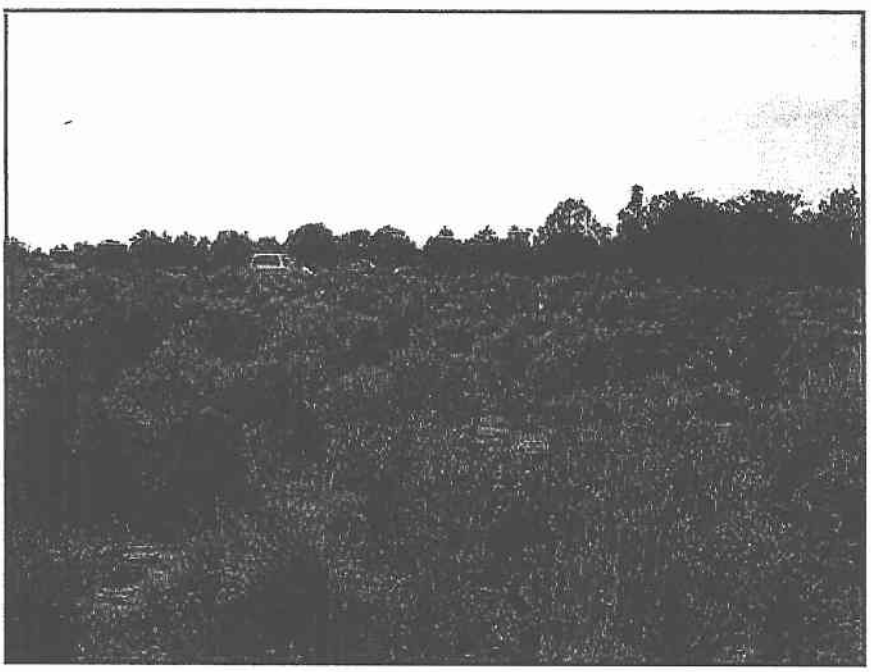
- 42UN5507 – Light brown chert biface – P3.
- Photographed by K. Simms.
- Photo taken 11-5-2006.
- Image has not been altered.



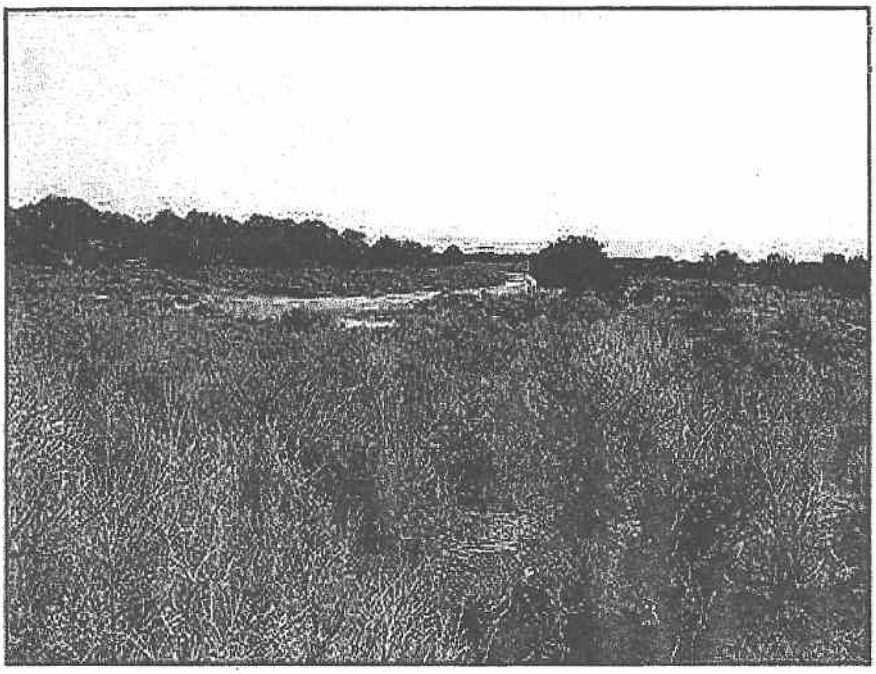
- 42UN5507 – Cream chert biface – P4.
- Photographed by K. Simms.
- Photo taken 11-5-2006.
- Image has not been altered.



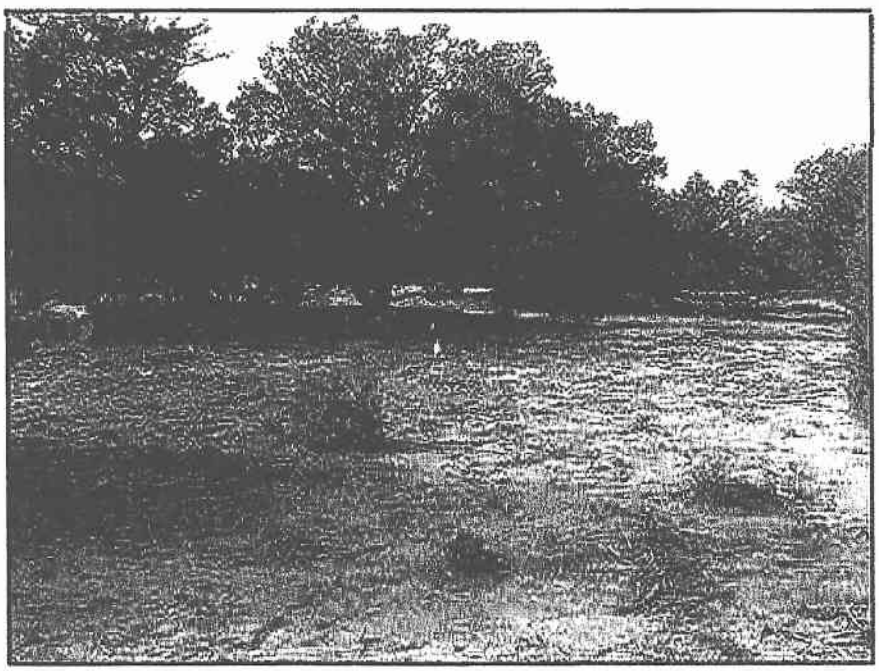
- 42UN5507 – Overview showing edge of sagebrush vegetation.
- Facing northeast.
- Photographed by K. Simms.
- Photo taken 11-5-2006.
- Image has not been altered.



- 42UN5507 – Overview of site area with trucks on access road.
- Facing southwest.
- Photographed by K. Simms.
- Photo taken 11-5-2006.
- Image has not been altered.



- 42UN5507 – Overview from datum, showing access road and fenceline.
- Facing east.
- Photographed by K. Simms.
- Photo taken 11-5-2006.
- Image has not been altered.



- 42UN5507 – Overview of site area from datum.
- Facing west.
- Photographed by K. Simms.
- Photo taken 11-5-2006.
- Image has not been altered.

SWCA®
ENVIRONMENTAL CONSULTANTS

Isolate # IO-3

Field Supervisor: Robert Herrmann

Isolate Class: Historic **Isolate Type:** Non-Diagnostic Artifact

County: Uintah **Map Reference:** Pine Spring Canyon, UT (1987)

UTM: Grid Zone: 12 4383597 m N 635907 m E

Legals: SE 1/4 of SW 1/4 of SE 1/4 of Section 14 T. 14 S R. 22 E

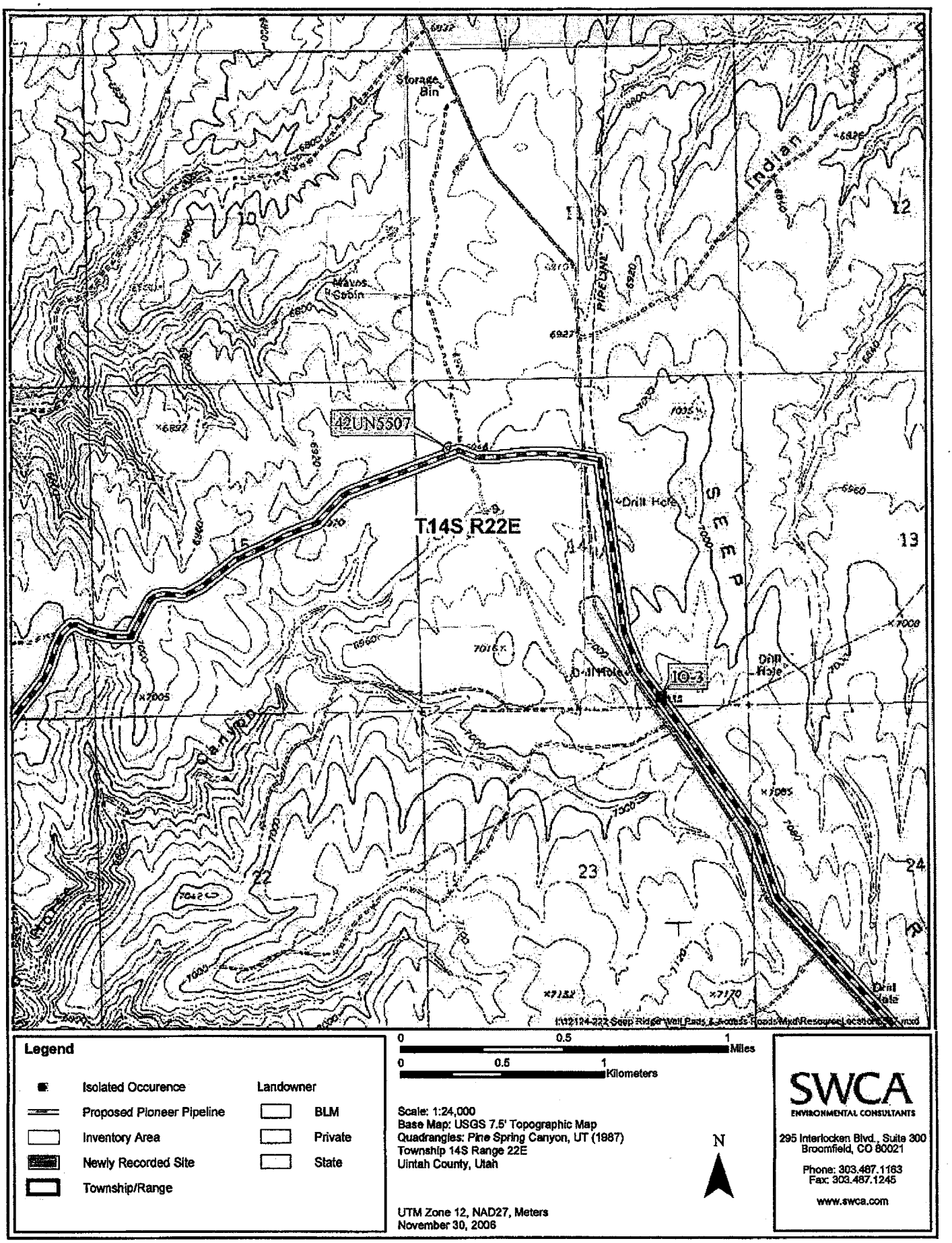
Recorded by: Robert Herrmann

Date: 11/3/2006

Description: The resource consists of two crushed matchstick filler cans.

Environment: The resource is located within a sagebrush zone and surrounded by pinyon/juniper groves. The resouce is located within an existing pipeline corridor.

Photo/Sketch



Resource Location Map.

- IO-3 – Hole in top cans.
- Photographed by R. Herrmann.
- Photo taken 11-3-2006.
- Image has not been altered.

PIONEER
NATURAL RESOURCES USA, INC.

January 20, 2006

Bureau of Land Management
Vernal Field Office
170 South 500 East
Vernal, UT 84078
Attn: Mineral Resources

Re: 2006 Applications for Permit to Drill (APDs) in Uintah County, Utah

To Whom It May Concern:

This letter is to inform you that beginning January 2006 to December 31, 2006 Permitco Inc. is authorized to act as Agent and to sign documents on behalf of Pioneer Natural Resources USA, Inc. when necessary for filing county, state and federal permits including Onshore Order No. 1, Right of Way applications, etc., for the 2006 drilling program in Uintah County, Utah.

It should be understood that Permitco is acting as Agent only in those matters stated above and is not responsible for drilling, completion, production or compliance with regulations.

Pioneer Natural Resources USA, Inc. agrees to accept full responsibility for operations conducted in order to drill, complete and produce the above-mentioned well.

Sincerely,
Pioneer Natural Resources USA, Inc.

David N. Holland
Environmental Manager

1401 17TH STREET, SUITE 1200 · DENVER, COLORADO 80202 · MAIN: (303) 298-8100 · FAX: (303) 298-7800

PIONEER NATURAL RESOURCES USA, INC.

TRAPP SPRING FEDERAL #41-35-14-23

LOCATED IN UINTAH COUNTY, UTAH
SECTION 35, T14S, R23E, S.L.B.&M.

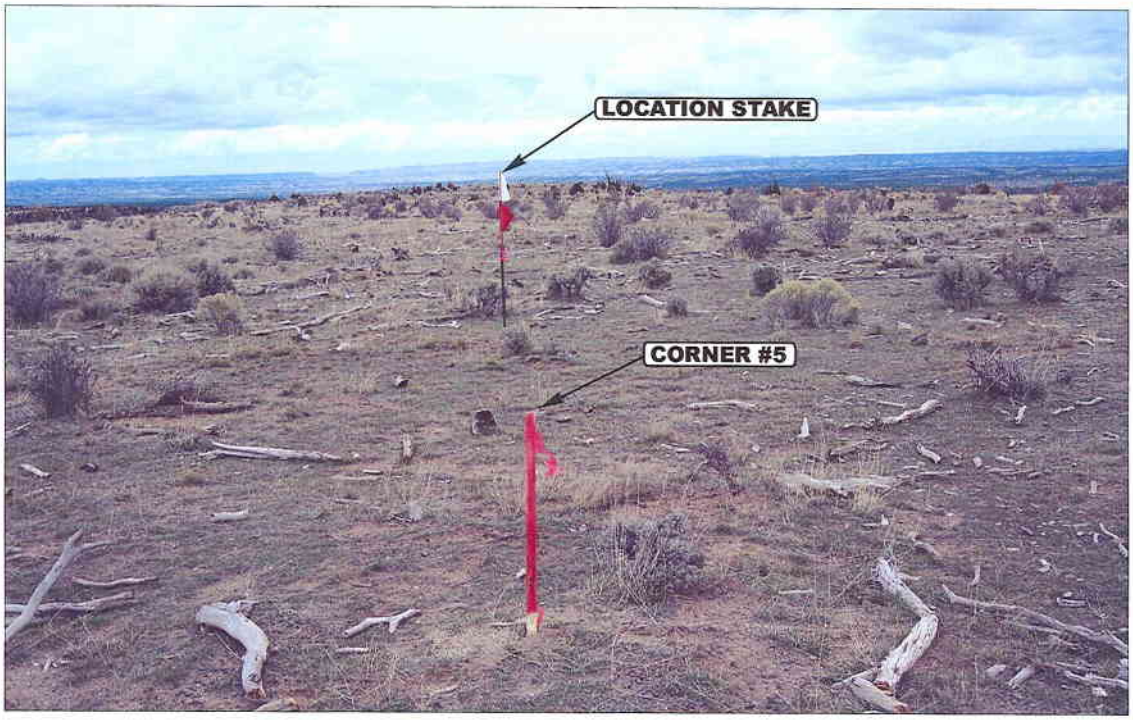
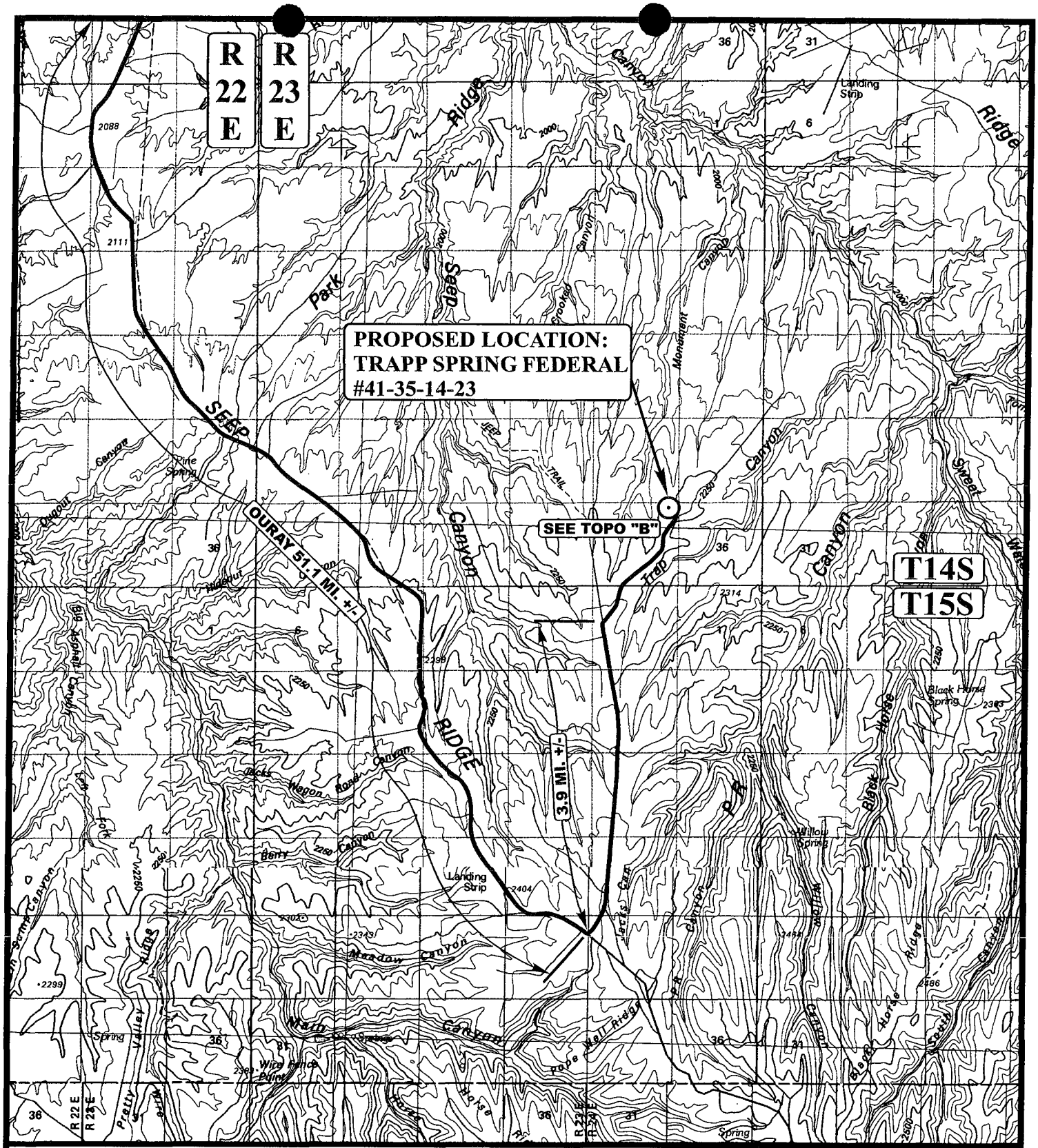


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE **CAMERA ANGLE: NORTHERLY**

PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS **CAMERA ANGLE: NORTHERLY**

- Since 1964 -
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS	10 MONTH	16 DAY	06 YEAR	PHOTO
TAKEN BY: M.A.	DRAWN BY: L.K.	REVISED: 00-00-00		



LEGEND:

⊙ PROPOSED LOCATION

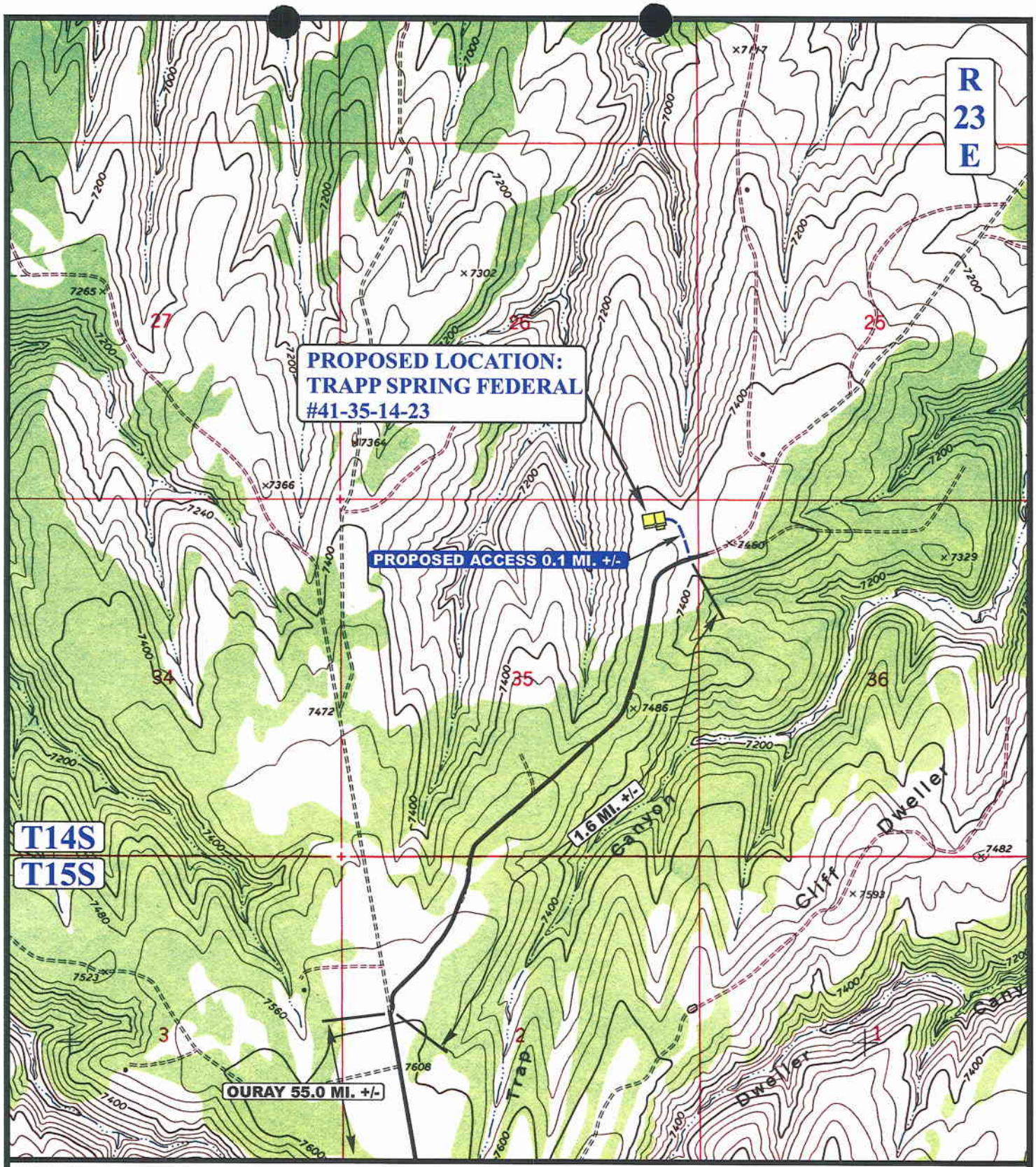
N

PIONEER NATURAL RESOURCES USA, INC.

TRAPP SPRING FEDERAL #41-35-14-23
SECTION 35, T14S, R23E, S.L.B.&M.
341' FNL 606' FEL

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

TOPOGRAPHIC MAP	10 MONTH	16 DAY	06 YEAR
SCALE: 1:100,000	DRAWN BY: L.K.	REVISED: 00-00-00	A TOPO



LEGEND:

EXISTING ROAD

PROPOSED ACCESS ROAD

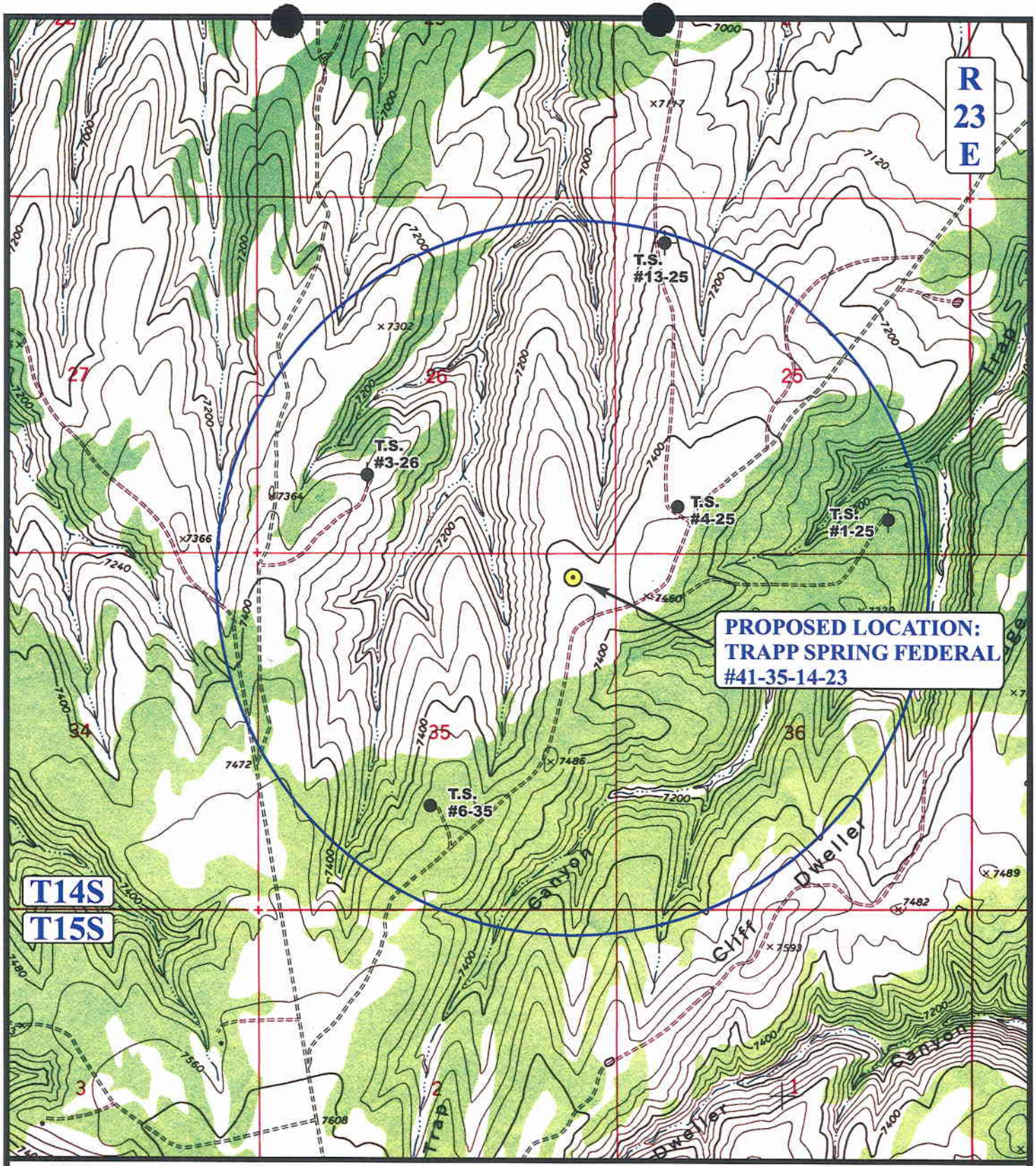
N

PIONEER NATURAL RESOURCES USA, INC.

TRAPP SPRING FEDERAL #41-35-14-23
SECTION 35, T14S, R23E, S.L.B.&M.
341' FNL 606' FEL

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

TOPOGRAPHIC MAP	10 MONTH	16 DAY	06 YEAR	B TOPO
SCALE: 1" = 2000'	DRAWN BY: L.K.	REVISED: 00-00-00		



LEGEND:

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

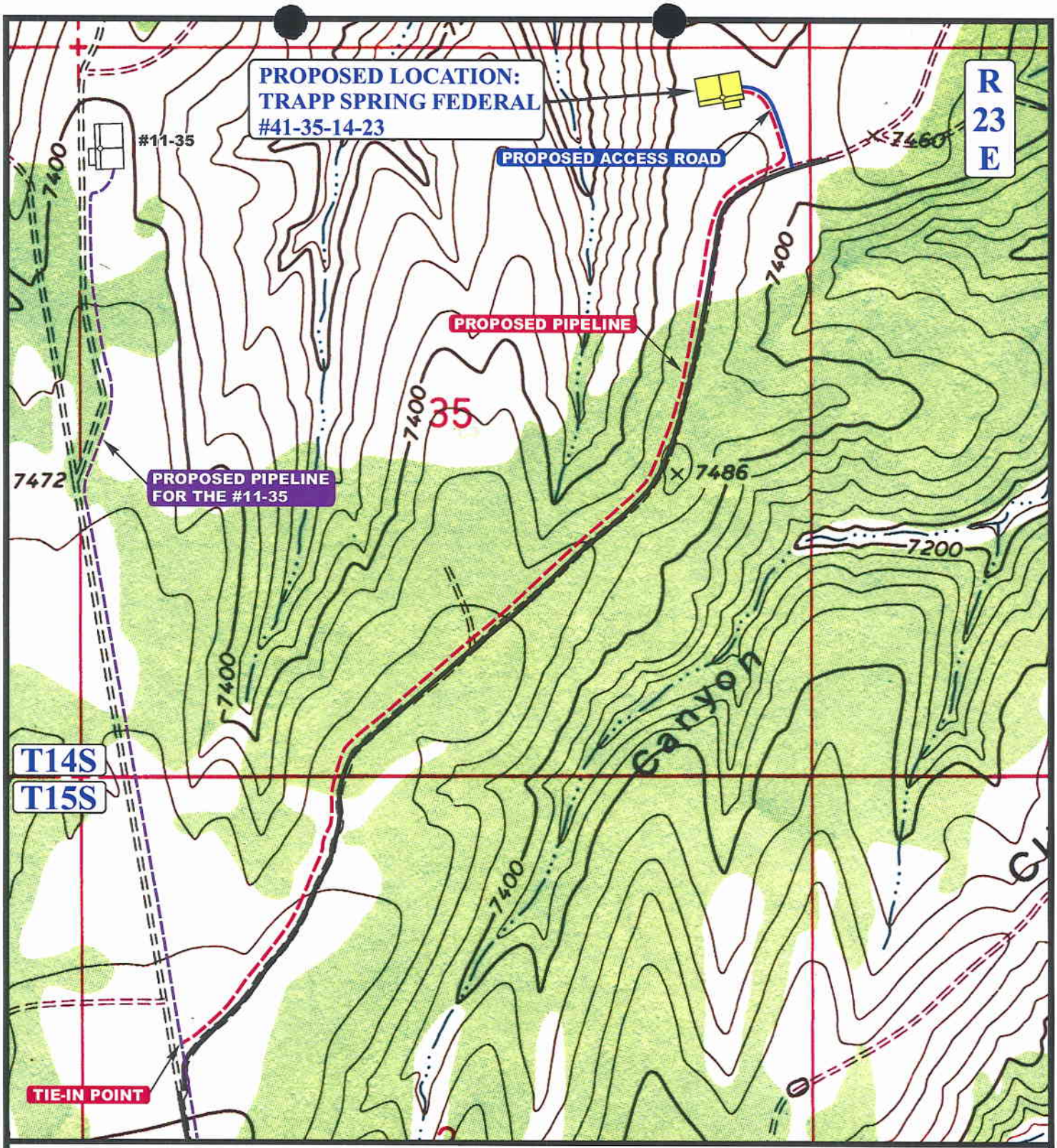
N

PIONEER NATURAL RESOURCES USA, INC.

TRAPP SPRING FEDERAL #41-35-14-23
SECTION 35, T14S, R23E, S.L.B.&M.
341' FNL 606' FEL

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

TOPOGRAPHIC MAP	10 MONTH	16 DAY	06 YEAR	C TOPO
SCALE: 1" = 2000'	DRAWN BY: L.K.	REVISED: 00-00-00		



APPROXIMATE TOTAL PIPELINE DISTANCE = 8,854' +/-

LEGEND:

- PROPOSED ACCESS ROAD
- EXISTING PIPELINE
- PROPOSED PIPELINE
- PROPOSED PIPELINE (SERVICING OTHER WELLS)

N

PIONEER NATURAL RESOURCES USA, INC.

TRAPP SPRING FEDERAL #41-35-14-23
SECTION 35, T14S, R23E, S.L.B.&M.
341' FNL 606' FEL

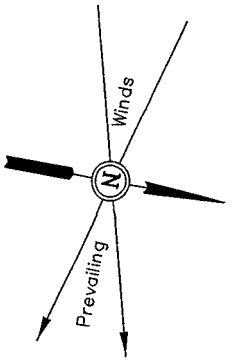
UELS
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	10 MONTH	16 DAY	06 YEAR	D TOPO
SCALE: 1" = 1000'	DRAWN BY: L.K.	REVISED: 00-00-00		

PIONEER NATURAL RESOURCES

LOCATION LAYOUT FOR

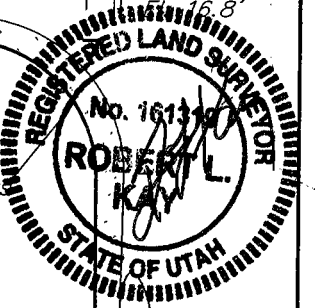
TRAPP SPRING FEDERAL #41-35-14-23
SECTION 35, T14S, R23E, S.L.B.&M.
341' FNL 606' FEL



SCALE: 1" = 50'
DATE: 10-18-06
Drawn By: C.G.

NOTE:
Flare Pit is to be located a min. of 100' from the Well Head.

Total Pit Capacity W/2' of Freeboard = 4,720 Bbls. ±
Total Pit Volume = 1,390 Cu. Yds.



APPROX. TOE OF FILL SLOPE
APPROX. TOP OF CUT SLOPE
Round Corners as needed

C-1.6' El. 23.3' (6)
C-0.3' El. 22.0' (7)
F-4.9' El. 16.8' (8)
Sta. 3+25
45'
175'
Flare Pit
Pit T.S.
CATWALK
PIPE RACKS
C-3.7' El. 25.4'
El. 28.5'
C-16.8' (btm. pit)
C-2.0' El. 23.7'
DOG HOUSE
FUEL
Topsoil Stockpile
10'
45'
165'
Sta. 1+75
F-3.5' El. 18.2'
50'
C-4.3' El. 26.0'
RIG
WATER
MUD TANKS
PUMP
MUD SHED
HOPPER
POWER
TOOLS
FUEL
TRAILER
TOILET
Sta. 0+85
120'
175'
10' WIDE BENCH
RESERVE PITS 10' Deep)
1:1 1/2 SLOPE
Reserve Pit Backfill & Spoils Stockpile
C-4.5' El. 26.2'
El. 28.6'
C-16.9' (btm. pit)
65'
TRASH
C-2.0' El. 23.7'
STORAGE TANK
Sta. 0+00
C-4.0' El. 25.7'
Proposed Access Road
F-3.4' El. 18.3'

FIGURE #1

Elev. Ungraded Ground at Location Stake = 7423.7'
Elev. Graded Ground at Location Stake = 7421.7'

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

PIONEER NATURAL RESOURCES

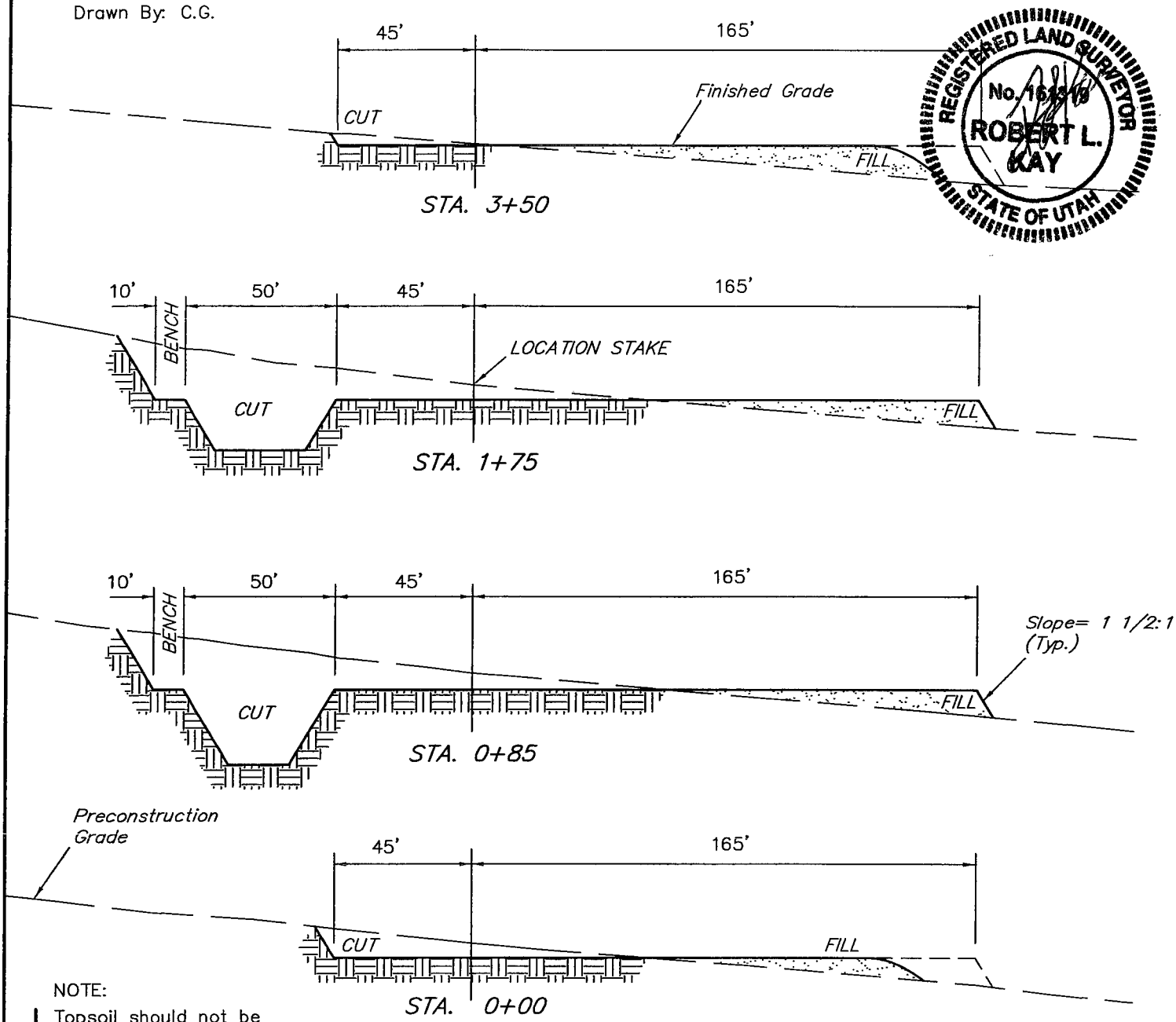
FIGURE #2

TYPICAL CROSS SECTIONS FOR

TRAPP SPRING FEDERAL #41-35-14-23
SECTION 35, T14S, R23E, S.L.B.&M.
341' FNL 606' FEL

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

DATE: 10-18-06
Drawn By: C.G.



REGISTERED LAND SURVEYOR
No. 161319
ROBERT L. KAY
STATE OF UTAH

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

* NOTE:
FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

(6") Topsoil Stripping	= 1,680	Cu. Yds.
Remaining Location	= 4,810	Cu. Yds.
TOTAL CUT	= 6,490	CU.YDS.
FILL	= 4,120	CU.YDS.

EXCESS MATERIAL	= 2,370	Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 2,370	Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	= 0	Cu. Yds.

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

FEDERAL STIPULATIONS AND TIMING RESTRICTIONS

Any federal stipulations will be attached as a condition of approval.

WORKSHEET

APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 10/19/2007

API NO. ASSIGNED: 43-047-39720

WELL NAME: TRAPP SPR FED 41-35-14-23

OPERATOR: Pioneer Nat Rs. (N5195)

PHONE NUMBER: 303-857-9999

CONTACT: VENESSA LANGMACHER

PROPOSED LOCATION:

NENE 35 140S 230E

SURFACE: 0341 FNL 0606 FEL

BOTTOM: 0341 FNL 0606 FEL

COUNTY: UINTAH

LATITUDE: 39.56281 LONGITUDE: -109.3025

UTM SURF EASTINGS: 645825 NORTHINGS: 4380402

FIELD NAME: MAIN CANYON (625)

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-038073

PROPOSED FORMATION: WINGT

SURFACE OWNER: 1 - Federal

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

✓ Plat

✓ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. MTB-000041)

NA Potash (Y/N)

NA Oil Shale 190-5 (B) or 190-3 or 190-13

✓ Water Permit
(No. 43-8496)

NA RDCC Review (Y/N)
(Date:)

NA Fee Surf Agreement (Y/N)

NA Intent to Commingle (Y/N)

LOCATION AND SITING:

___ R649-2-3.

Unit: TRAPP SPRINGS

___ R649-3-2. General

Siting: 460 From Qtr/Qtr & 920' Between Wells

✓ R649-3-3. Exception

___ Drilling Unit

Board Cause No:

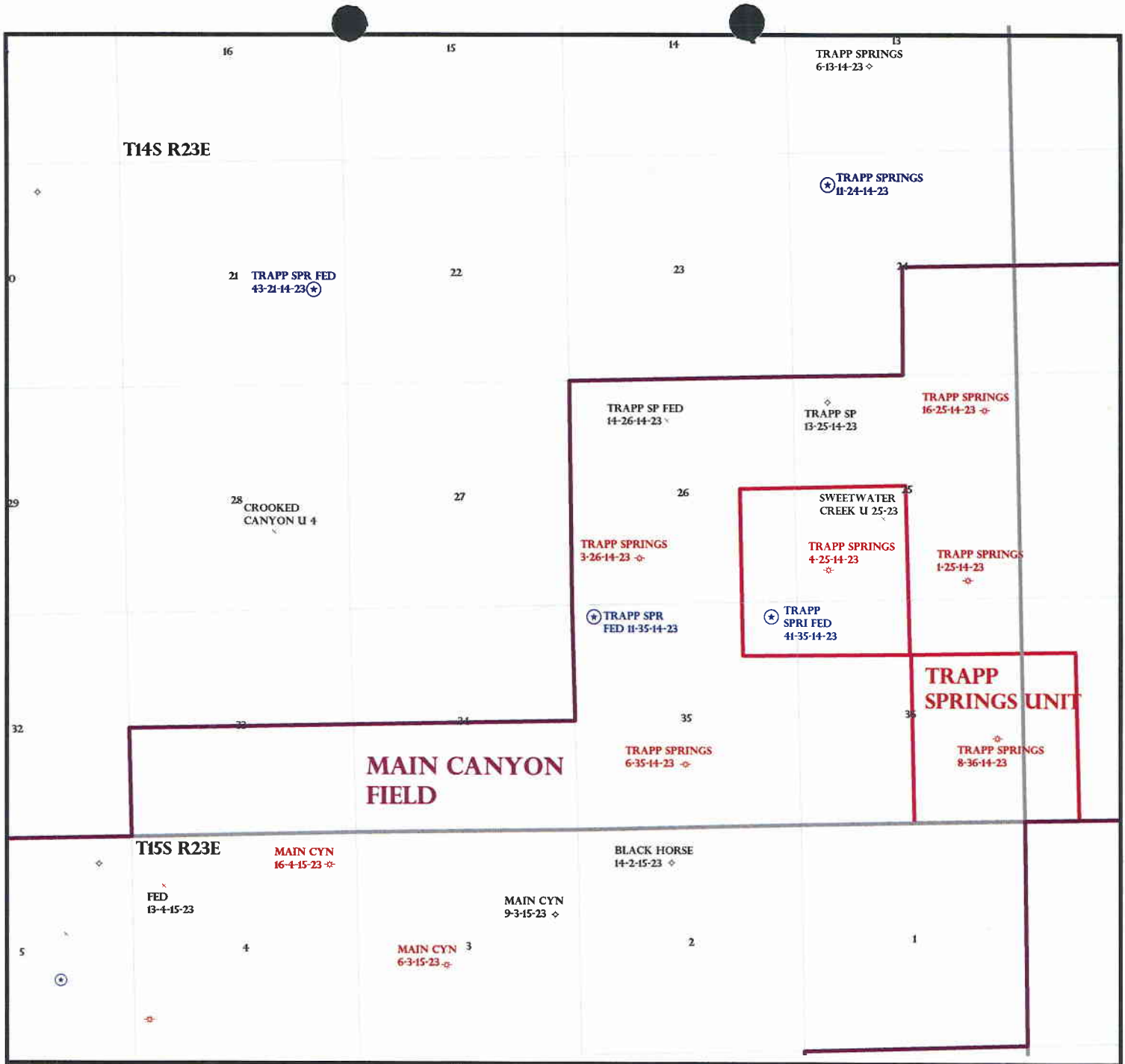
Eff Date:

Siting:

___ R649-3-11. Directional Drill

COMMENTS:

STIPULATIONS: 1- Federal Approval
2- Spacing Slip



OPERATOR: PIONEER NAT RES INC (N5155)

SEC: 35 T.14S R. 23E

FIELD: MAIN CANYON (625)

COUNTY: UINTAH

SPACING: R649-3-3 / EXCEPTION LOCATION

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

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

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

UTAH DNR
OIL, GAS & MINING

N
W E
S

PREPARED BY: DIANA MASON
DATE: 22-OCTOBERR-2007

PETROLEUM PERMITTING
PERMITCO
COMPANY

14421 County Rd. 10 • Ft. Lupton, Colorado 80621 • (303) 857-9999 • FAX (303) 857-0577 • E-MAIL Permitco 1@aol.com

October 22, 2007

Division of Oil, Gas & Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, UT 84114-5801

Attn: Diana Mason

Re: Pioneer Natural Resources USA, Inc.
Trapp SPR FED #41-35-14-23
341' FNL and 606' FEL
NE NE Section 35, T14S - R23E
Uintah County, Utah

Dear Diana,

Enclosed please find one copy of the Application for Permit to Drill, along with the required drilling program, BOP diagram, wellsite maps and diagrams.

Please note that the subject location is located within the Trapp Springs Unit. It was staked at non-standard spacing in accordance with the rules and regulations of the Utah Division of Oil Gas and Mining. This was done for geologic considerations. Please also note that Pioneer Natural Resources USA, Inc. is the only working interest owner within a 460 foot radius. Therefore, we request your administrative approval of this exception to spacing.

If you should need additional information, please don't hesitate to contact me. Approved copies of the A.P.D. should be sent to PermitCo Inc. at the address shown above.

Sincerely,

PERMITCO INC.

Venessa Langmacher

Venessa Langmacher
Consultant for
Pioneer Natural Resources USA, Inc.

RECEIVED
OCT 24 2007
DIV. OF OIL, GAS & MINING

Enc.
cc: Pioneer Natural Resources USA, Inc. - Denver, CO
Pioneer Natural Resources USA, Inc. - Rangely, CO

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

FORM 3

AMENDED REPORT ☑
(highlight changes)

APPLICATION FOR PERMIT TO DRILL

5. MINERAL LEASE NO.:	6. SURFACE:
UTU-038073	BLM

1A. TYPE OF WORK: DRILL ☒ REENTER ☐ DEEPEN ☐

7. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A

B. TYPE OF WELL: OIL ☐ GAS ☒ OTHER _____ SINGLE ZONE ☐ MULTIPLE ZONE ☒

8. UNIT or CA AGREEMENT NAME: [redacted]

2. NAME OF OPERATOR: Pioneer Natural Resources USA, Inc.

9. WELL NAME and NUMBER: Trapp SPR FED #41-35-14-23

3. ADDRESS OF OPERATOR: 1401 - 17th Street, Suite 1200, Denver, CO 80202

PHONE NUMBER: 303/298-8100

10. FIELD AND POOL, OR WILDCAT: Main Canyon

4. LOCATION OF WELL (FOOTAGES)

AT SURFACE: 341' FNL and 606' FEL

AT PROPOSED PRODUCING ZONE: NE NE

11. QTR/QTR, SECTION, TOWNSHIP, RANGE MERIDIAN: Section 35, T14S - R23E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: Approximately 56.7 miles Southeast of Ouray, UT

12. COUNTY: Uintah

13. STATE: UT

15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET)	16. NUMBER OF ACRES IN LEASE:	17. NUMBER OF ACRES ASSIGNED TO THIS WELL:
Approx. 341'	1600.00	40 Acres
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET):	**19. PROPOSED DEPTH:**	**20. BOND DESCRIPTION:**
Approx. 1850'	10,820'	Nationwide Bond No. MTB-000041
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.):	**22. APPROXIMATE DATE WORK WILL START:**	**23. ESTIMATED DURATION:**
7424' GL	ASAP	23 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
10-3/4"	14-3/4", J-55, 40.5#	350'	280 sxs Class "G", 2% CACl2, 1/4 #/sk Flocele @ 15.8 PPG, 1.15 cuft/sx yield
7-5/8"	9-7/8", N-80, 29.7#	5,600'	390 sxs Halliburton Hi-Fill @ 11.0 PPG, 3.84 cuft/sx yield + 140 sxs 50/50 POZ @ 14.5 PPG, 1.16 cuft/sx yield.
5-1/2"	6-3/4", N-80, 17#	10,820'	420 sxs 50/50 POZ, ssa-1 @ 14.3 PPG, 1.47 cuft/sx yield.

25. ATTACHMENTS

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

☑ WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER
☑ EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER
☑ COMPLETE DRILLING PLAN
☐ FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

AGENT: PermitCo Inc., 14421 County Road 10, Fort Lupton, CO 80621 AGENT'S PHONE NO.: 303/857-9999

NAME (PLEASE PRINT) Venessa Langmacher TITLE Agent for Pioneer Natural Resources USA, Inc.

SIGNATURE Venessa Langmacher DATE October 22, 2007

(This space for State use only)

API NUMBER ASSIGNED: 43-047-39720

Approved by the
Utah Division of
Oil, Gas and Mining

RECEIVED
OCT 24 2007
DIV. OF OIL, GAS & MINING

(11/2001)

Federal Approval of this Action is Necessary

Date: 10-25-07
(See Instructions on Reverse Side)

By: [signature]

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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

IN REPLY REFER TO:
3160
(UT-922)

October 22, 2007

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2007 Plan of Development Trapp Springs Unit
Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following well is planned for calendar year 2007 within the Trapp Springs Unit, Uintah County, Utah.

API #	WELL NAME	LOCATION

(Proposed PZ Wingate)

43-047-39720 Trapp Springs Fed 41-35-14-23 Sec 35 T14S R23E 0341 FNL 0606 FEL

This office has no objection to permitting the well at this time.

/s/ Michael L. Coulthard

bcc: File - Trapp Springs Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:10-22-07

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil Gas and Mining

JOHN R. BAZA
Division Director

October 25, 2007

Pioneer Natural Resources USA, Inc.
1401 - 17th Street, Suite 1200
Denver, CO 80202

Re: Trapp Springs Federal 41-35-14-23 Well, 341' FNL, 606' FEL, NE NE, Sec. 35, T. 14 South, R. 23 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 43-047-39720.

Sincerely,

for Gil Hunt
Associate Director

pab
Enclosures

cc: Uintah County Assessor
Bureau of Land Management, Vernal Office

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801
telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • www.ogm.utah.gov

UTAH DNR OIL, GAS & MINING

Operator: Pioneer Natural Resources USA, Inc.

Well Name & Number Trapp Springs Federal 41-35-14-23

API Number: 43-047-39720

Lease: UTU-038073

Location: NE NE **Sec.** 35 **T.** 14 South **R.** 23 East

Conditions of Approval

1. General

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

2. Notification Requirements

   Notify the division within 24 hours of spudding the well.

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

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

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

3. Reporting Requirements

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

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

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

JON M. HUNTSMAN, JR.
Governor
GARY R. HERBERT
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES
MICHAEL R. STYLER
Executive Director
Division of Oil, Gas and Mining
JOHN R. BAZA
Division Director

December 17, 2008

Pioneer Natural Resources USA, Inc.
1401 17th Street, Suite 1200
Denver, CO 80202

Re: APD Rescinded – Trapp Springs Fed 41-35-14-23, Sec. 35, T. 14S, R. 23E Uintah County, Utah, API No. 43-047-39720

Ladies and Gentlemen:

The Application for Permit to Drill (APD) for the subject well was approved by the Division of Oil, Gas and Mining (Division) on October 25, 2007. No drilling activity at this location has been reported to the division. Therefore, approval to drill the well is hereby rescinded, effective December 17, 2008.

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

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

Sincerely,

Diana Mason
Environmental Scientist

cc: Well File
Bureau of Land Management, Vernal

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801
telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • *www.ogm.utah.gov*

UTAH DNR OIL, GAS & MINING