

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: #ML-49944	6. SURFACE: State
1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>		7. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA	
B. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____ SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>		8. UNIT or CA AGREEMENT NAME: NA	
2. NAME OF OPERATOR: National Fuel Corporation		9. WELL NAME and NUMBER: NFC Lindisfarne State #43-35	
3. ADDRESS OF OPERATOR: 8400 E Prentice #1100 CITY Greenwood Vill STATE Co ZIP 80111		PHONE NUMBER: (303) 220-7772	10. FIELD AND POOL, OR WILDCAT: Wildcat under study
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 1700' FSL 660' FEL 646001ex 39.466901 AT PROPOSED PRODUCING ZONE: SAME 436 97 574 -109.302742		11. QTR/QR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESE 35 15S 23E	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 52.8 mi from Ouray, UT		12. COUNTY: UINTAH	13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 660'	16. NUMBER OF ACRES IN LEASE: 1880	17. NUMBER OF ACRES ASSIGNED TO THIS WELL: Not Spaced	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) NA	19. PROPOSED DEPTH: 8,050	20. BOND DESCRIPTION: Statewide - 04127314	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 8153.6' Ungraded, 8152.9' Graded	22. APPROXIMATE DATE WORK WILL START: 7/1/2008	23. ESTIMATED DURATION: 30 days	

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT
17 1/2"	13 3/8" H-40 48#	150	Class G 140sx 1.15 cu ft/sk 15.8
12 1/4"	9 5/8" J-55 36#	1,100	Class G 450sx 1.15 cu ft/sk 15.8
7 7/8"	4 1/2" N-80 11.6#	8,050	Stage 1 - 50/50 poz 720sx 1.26 cu ft/sk 14.2
			Stage 2 - 50/50 poz 705sx 1.26 cu ft/sk 14.2

*DID NOT DRILL
10/24/07
2/14/08*

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
- COMPLETE DRILLING PLAN
- EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER
- FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

NAME (PLEASE PRINT) Andrew Busch TITLE V.P. of Operations
SIGNATURE *Andrew Busch* DATE 11/21/2007

(This space for State use only)

API NUMBER ASSIGNED: 43-047-39852

APPROVAL:

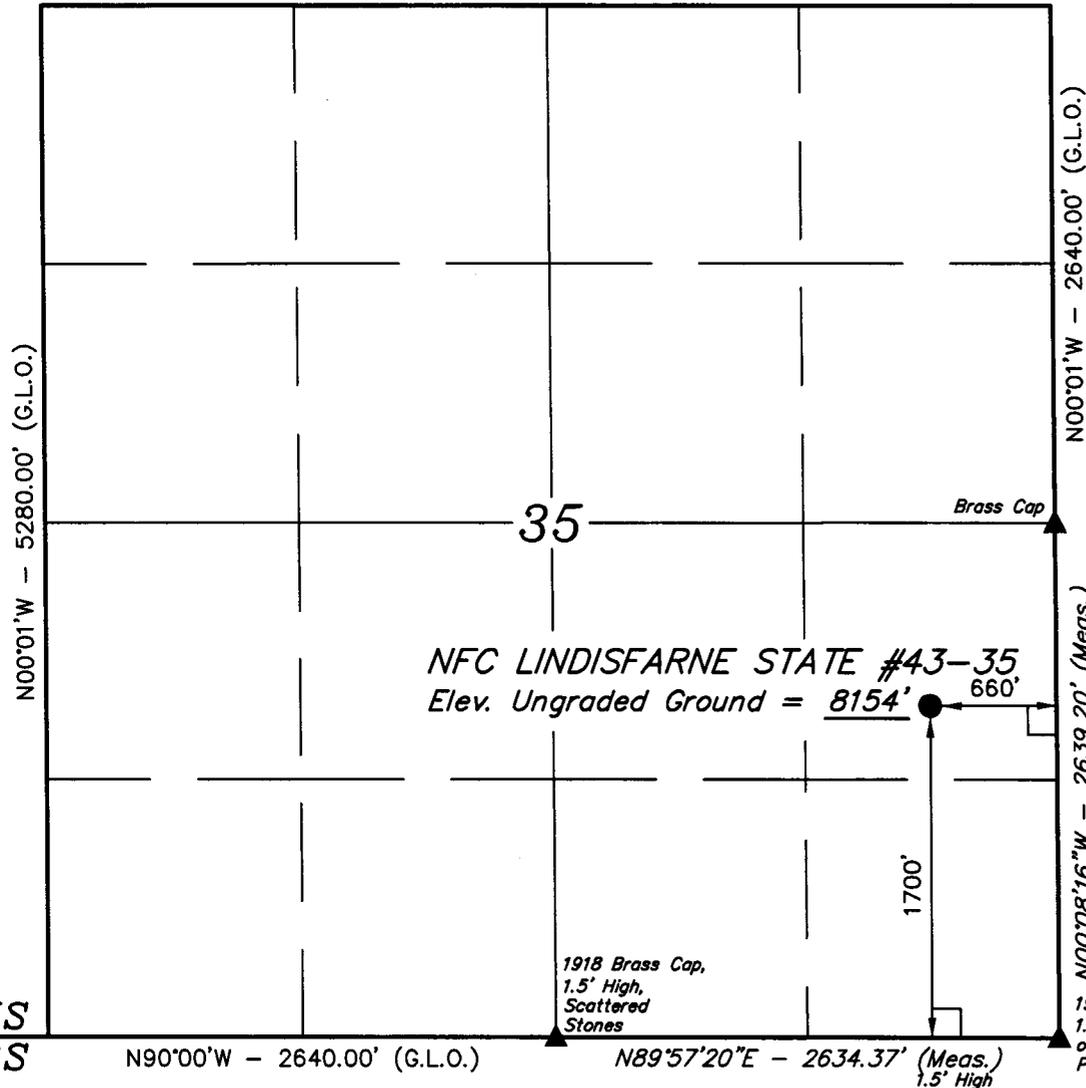
(11/2001)

(See Instructions on Reverse Side)

RECEIVED
NOV 29 2007
DIV. OF OIL, GAS & MINING

T15S, R23E, S.L.B.&M.

N89°58'W - 5276.04' (G.L.O.)

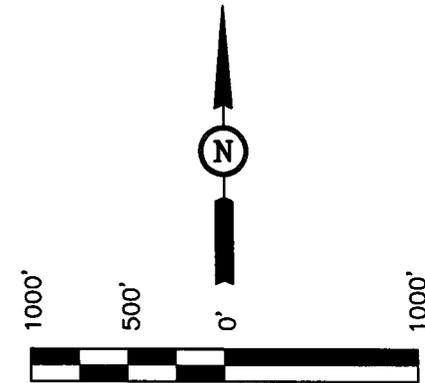


NATIONAL FUEL CORPORATION

Well location, NFC LINDISFARNE STATE #43-35, located as shown in the NE 1/4 SE 1/4 of Section 35, T15S, R23E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION ALONG A JEEP TRAIL LOCATED IN THE NE 1/4 OF SECTION 25, T14S, R22E, S.L.B.&M. TAKEN FROM THE PINE SPRINGS 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.



SCALE

CERTIFICATE

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



T15S

T16S

BASIS OF BEARINGS

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

LEGEND:

└─┘ = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

(NAD 83)
LATITUDE = 39°28'01.08" (39.466967)
LONGITUDE = 109°18'12.22" (109.303394)
(NAD 27)
LATITUDE = 39°28'01.19" (39.466997)
LONGITUDE = 109°18'09.79" (109.302719)

UINTAH ENGINEERING & LAND SURVEYING

85 SOUTH 200 EAST - VERNAL, UTAH 84078

(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 10-19-07	DATE DRAWN: 11-05-07
PARTY L.D.K. A.W. L.A.K.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE NATIONAL FUEL CORPORATION	

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

FORM 3

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(highlight changes)

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2. NAME OF OPERATOR: National Fuel Corporation				9. WELL NAME and NUMBER: NFC Lindisfarne State #43-35	
3. ADDRESS OF OPERATOR: 8400 E Prentice #1100 CITY Greenwood Vill STATE Co ZIP 80111			PHONE NUMBER: (303) 220-7772	10. FIELD AND POOL, OR WILDCAT: Wildcat	
4. LOCATION OF WELL (FOOTAGES) 646150x 4369838y 39.467602 -109.301043 AT SURFACE: 1955 FSL 182 FEL AT PROPOSED PRODUCING ZONE: 1700 FSL 660 FEL 646006x 4369757y 39.466901 -109.302742				11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESE 35 15S 23E	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 52.8 mi from Ouray, UT				12. COUNTY: UINTAH	13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) Surface 182', Subsurface 660'		16. NUMBER OF ACRES IN LEASE: 1880		17. NUMBER OF ACRES ASSIGNED TO THIS WELL: Not Spaced	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) NA		19. PROPOSED DEPTH: 8,096		20. BOND DESCRIPTION: Statewide - 04127314	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 8167.6' Ungraded, 8164.9' Graded		22. APPROXIMATE DATE WORK WILL START: 6/1/2008		23. ESTIMATED DURATION: 35 days	

24. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT			SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT		
17 1/2"	13 3/8"	H-40	48#	150	Class G	140sx 1.15 cu ft/sk	15.8
12 1/4"	9 5/8"	J-55	36#	1,100	Class G	450sx 1.15 cu ft/sk	15.8
7 7/8"	4 1/2"	P-110	11.6#	8,096	Stage 1 - 50/50 poz	725sx 1.26 cu ft/sk	14.2
					Stage 2 - 50/50 poz	710sx 1.26 cu ft/sk	14.2

25. ATTACHMENTS

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

- | | |
|--|--|
| <input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER | <input checked="" type="checkbox"/> COMPLETE DRILLING PLAN |
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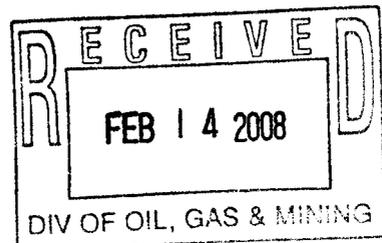
NAME (PLEASE PRINT) Andrew Busch TITLE V.P. of Operations
SIGNATURE *Andrew Busch* DATE 1/28/2008

(This space for State use only)

API NUMBER ASSIGNED: 43-047-3985 Approved by the Utah Division of Oil, Gas and Mining APPROVAL:

(11/2001)

(See Instructions on Reverse Side)
Date: 07-31-08
By: *[Signature]*



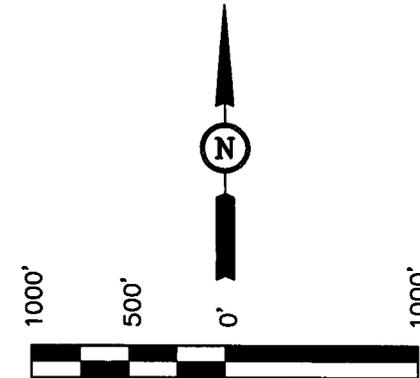
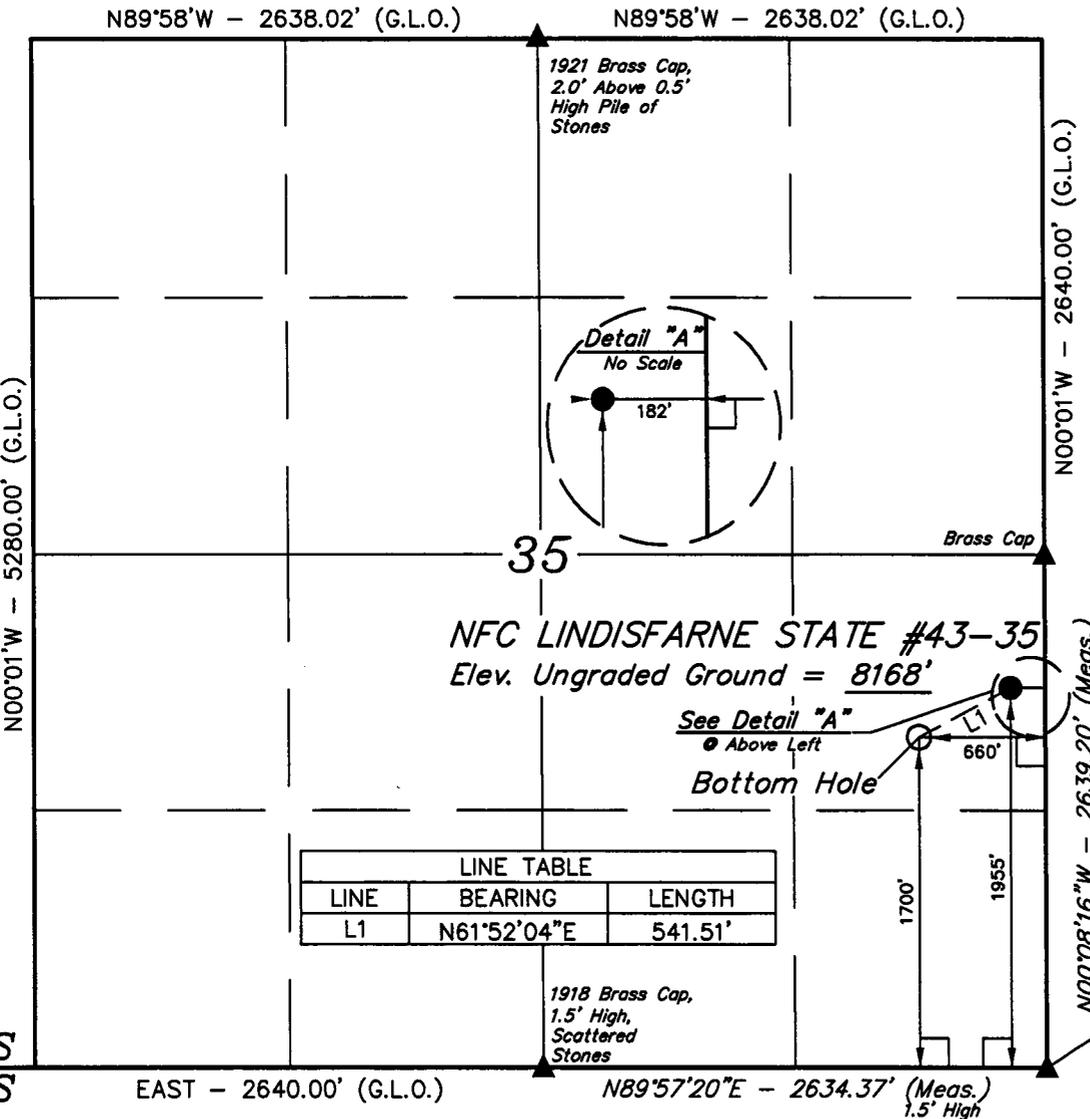
T15S, R23E, S.L.B.&M.

NATIONAL FUEL CORPORATION

Well location, NFC LINDISFARNE STATE #43-35, located as shown in the NE 1/4 SE 1/4 of Section 35, T15S, R23E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

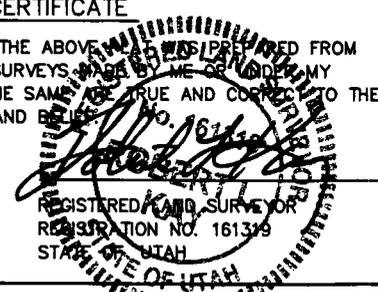
SPOT ELEVATION ALONG A JEEP TRAIL LOCATED IN THE NE 1/4 OF SECTION 25, T14S, R22E, S.L.B.&M. TAKEN FROM THE PINE SPRINGS CANYON QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 7172 FEET.



LINE TABLE		
LINE	BEARING	LENGTH
L1	N61°52'04"E	541.51'

SCALE CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE MAP 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.



1918 Brass Cap,
1.1' High, Pile
of Stones, Steel
Post

REVISED: 12-24-07

BASIS OF BEARINGS

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

LEGEND:

└─┘ = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

(NAD 83)
 LATITUDE = 39°28'03.60" (39.467667)
 LONGITUDE = 109°18'06.13" (109.301703)
 (NAD 27)
 LATITUDE = 39°28'03.71" (39.467697)
 LONGITUDE = 109°18'03.71" (109.301031)

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

SCALE 1" = 1000'	DATE SURVEYED: 10-19-07	DATE DRAWN: 11-05-07
PARTY L.K. J.M. C.C.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE NATIONAL FUEL CORPORATION	

National Fuel Corporation

Archaeological Survey

NFC Lindisfarne State #43-35

National Fuel Corporation

Amended

Application for Permit to Drill

NFC Lindisfarne State #43-35

(Tight Hole)

RECEIVED
FEB 14 2008
DIV. OF OIL, GAS & MINING

AREA CODE 303
PHONE 220-7772

FAX
220-7773

National Fuel Corporation

8400 EAST PRENTICE AVENUE, SUITE 1100
GREENWOOD VILLAGE, COLORADO 80111-2926



January 28, 2008

To: Utah Division of Oil Gas & Mining
P.O. Box 145801
Salt Lake City 84114-5801

Re: **REQUEST FOR EXCEPTION TO RULE R649-3-2, 3-3**
REASON FOR INTENTIONAL DEVIATION
National Fuel Corp. Amended APD – NFC Lindisfarne #43-35
Sec. 35-T15S-R23E
Uintah County, Utah

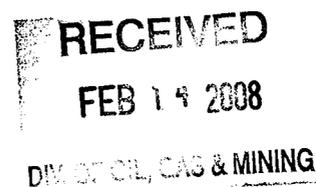
This letter is sent to request an exception to Rule R649-3-2, 3-3 and to explain the need for intentional deviation for the subject well. National Fuel Corporation (NFC) chose the subsurface location based on seismic data and believes that this location offers the best opportunity for a successful well. NFC is also the lease holder in section 36 east of the proposed location. Therefore NFC will not need or require written consent from a neighboring lease holder. For this reason NFC requests that an exception to R649-3-2, 3-3 be granted.

Additionally, the surface location has been moved and resurveyed due to a conflict with Earth Energy Resources (EER) who hold a surface mining lease in this section. NFC and EER have reached a mutual agreement for resiting the surface location(see attached correspondence). The new surface location is 541 feet NE of the subsurface target and will require directional drilling services to reach the desired target. A directional plan is included as part of the amended APD included with this letter.

We believe the proposed location complies with other well location requirements and we respectfully request that our proposed exception to R649-3-2, 3-3 be granted. Please feel free to call me at (970) 260-8128 if you have additional concerns.

Sincerely,


Andrew Busch
V. P. of Operations
National Fuel Corporation



AREA CODE 303
PHONE 220-7772

FAX
220-7773

National Fuel Corporation

7979 EAST TUFTS AVENUE PARKWAY, SUITE 815
DENVER, COLORADO 80237-2843



January 23, 2008

Utah State Trust Lands Administration
675 E. 500 St., Suite 500
Salt Lake City, UT 84102
Attn: LaVonne Garrison

RE: ML-49944 OBA (Lease No. 00078083/000)
T15S-R23E
Section 26 (all), Section 35 (all), Section 36 (all except SE/4 SE/4)
San Arroyo Area
Uintah County, Utah

Dear Ms. Garrison:

National Fuel Corporation submitted APD's for two wells on the subject lease in November of 2007. The APD's were not approved pending an agreement between National Fuel Corporation and Earth Energy Resources (owner of surface mining lease) as to surface location of the Section 35 well (Horse Point 43-35). The attached letter will serve as your notice that agreement has been reached with Earth Energy Resources to move the surface location of the well approximately 540 feet to the northeast and drill directionally to subsurface targets.

Additionally, I have included a copy of my letter of December 4, 2007 requesting changes to the subject lease for your review.

Please feel free to contact me at 303-996 6775 if there are any comments or questions.

Sincerely,

Diane Thompson, President
National Fuel Corporation

AREA CODE 303
PHONE 220-7772

FAX
220-7773

National Fuel Corporation

7979 EAST TUPITS AVENUE PARKWAY, SUITE 815
DENVER, COLORADO 80237-2843



January 23, 2008

Mr. Barclay Cuthbert
Earth Energy Resources
Suite #740, 404 - 6 Avenue SW
Calgary, Alberta T2P 0R9

RE: Surface Location Agreement
Section 35, T15S-R23E
Uintah County, Utah

Dear Mr. Cuthbert

This letter will serve as agreement between National Fuel Corporation (NFC) and Earth Energy Resources (EER) as to the surface location of NFC's Horse Point 43-35 well. The attached survey plat shows the revised surface location for the well. Your signature below indicates your approval of the location approximately 540 feet northeast of the original stake.

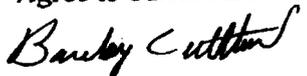
Please execute on behalf EER and return at your earliest convenience. We will forward a copy of the executed letter to the state.

Feel free to contact me with any questions at 303-996-6787.

Sincerely,


John L. Schmidt
VP-Exploration
National Fuel Corporation

Agree to Surface Location Revision on Attached Plat


Barclay Cuthbert
VP- Operations
Earth Energy Resources

State of Utah, Division of Oil, Gas, and Mining
Application for Permit to Drill

Company: National Fuel Corporation Well No. NFC Lindisfarne State #43-35 (revision 1)

Location: Sec. 35, T. 15S, R. 23E, Lease No. ML-49944

All operations will be conducted in such a manner that full compliance is made with applicable laws, regulations, the approved plan of operations and the conditions of approval. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

A. DRILLING PROGRAM

<u>Surface Formation and Estimated Formation Tops:</u>	<u>TVD</u>
Wasatch	@surface
Castlegate	3941'
Mancos	3977'
Mancos "B"	4715'
Tununk	7318'
Dakota Silt	7573'
Dakota Sand	7663'
Cedar Mtn.	7805'
Morrison	7838'
TD	8050'

1. Estimated Depth at Which Oil, Gas, Water or Other Mineral Bearing Zones are Expected to be Encountered

Depth/Formation

Expected Oil Zones: Mancos, Mancos "B"

Expected Gas Zones: Castlegate, Mancos, Mancos "B", Dakota Silt, Dakota Sand, Cedar Mtn, Morrison

Expected Water Zones: None

Expected Mineral Zones: None

All fresh water and prospectively valuable minerals encountered during drilling will be recorded by depth and will be cased and cemented. When possible, water flow rates will be measured and samples will be taken and analyzed with the results being submitted to Utah. All oil and gas shows will be tested to determine commercial potential.

2. **Pressure Control Equipment** – See attached schematic: Type: 11” X 3,000 psi WP, double-gate BOP and 11” X 3,000 psi WP annular BOP with hydraulic closing unit.

The blowout preventer will be equipped as follows:

- 1) One set of blind rams
- 2) One set of pipe rams
- 3) Drilling spool with two side outlet (choke side: 3” minimum and kill side 2” minimum)
- 4) Kill line: Two-inch minimum
- 5) Two kill line valves, one of which will be a check valve (2” minimum)
- 6) Choke line: Three-inch minimum.
- 7) Two choke line valves: Three-inch minimum.
- 8) One manually operated choke: Three-inch minimum.
- 9) Pressure gauge on choke manifold.
- 10) Upper kelly cock with handle readily available.
- 11) Full opening internal blowout preventer or drill pipe safety valve able to fit all connections.
- 12) Fill-up line to be located above uppermost preventer.

PRESSURE RATING: 3,000 PSI

TESTING PROCEDURE

At a minimum, the BOP, choke manifold, and related equipment will be pressure tested to the approved working pressure of the approved BOP stack. (if isolated from the surface casing by means of a test plug) or 70% of the internal yield strength of the surface casing (if not isolated from the surface casing by means of a test plug). Pressure will be maintained for a period of at least ten minutes or until requirements of the test are met, whichever is longer.

At a minimum, this pressure test will be performed:

- 1) When the BOP is initially installed
- 2) Whenever any seal subject to test is broken.
- 3) Following related repairs.
- 4) At fourteen day intervals.

In addition to the above, the pipe rams will be activated daily, and the blind rams will be activated on each trip (but not more frequently than once each day). All BOP tests and drills will be recorded in the IADC Driller’s Log (tour sheet)

CHOKE MANIFOLD EQUIPMENT:

All choke lines will be straight lines, unless turns use tee-blocks, or are targeted with running tees. These lines will be anchored to prevent whip and vibration.

ACCUMULATOR:

The accumulator will have sufficient capacity to close all rams (plus the annular preventer, if applicable) and maintain a minimum of 200 psi above the pre-charge pressure without the use of the closing unit pumps. The fluid reservoir capacity will be double the accumulator capacity and the fluid level will be maintain at the manufacturer’s recommendation. The BOP system will have two independent power sources to close preventers. Nitrogen bottles (three minimum) will be considered one of these sources and will maintain a charge equal to the manufacturer’s specifications.

The accumulator precharge pressure test will be conducted prior to connecting the closing unit to the BOP stack and at least once every six months thereafter. The accumulator pressure will be corrected if the measured precharge pressure is found to be above or below the maximum or minimum limits of manufacturer’s specifications.

MISCELLANEAUS INFORMATION:

The blowout preventer and related pressure-control equipment will be installed, tested, and maintained in compliance with the specifications in and requirements of DOGM's Drilling and Operating Practices #R649-3-7. The choke manifold and BOP extension rods will be located outside the rig sub-structure.

The hydraulic BOP closing unit will be located at least twenty-five feet from the wellhead, but will be readily accessible to the driller. Exact location and configuration of the hydraulic BOP closing unit will depend upon the particular drilling rig contracted to drill this hole.

- 3. Casing Program and Auxiliary Equipment – include casing size, weight, grade, thread and coupling, setting depth and condition (new or acceptably reconditioned):

Surface csg.-	New	13 3/8" 48.5# , H-40, ST&C,	150' to Surface
Intermediate csg.-	New	9 5/8" , 36# , J-55, ST&C,	1100' to Surface
Production csg.-	New	4 1/2" , 11.6# , P-110,LT&C	8096' to Surface

- 4. Cement – include the cement type, density, yield, additives and amount used in setting each casing string. Also include the anticipated cement fill-up. If stage cementing, describe techniques:

13 3/8" csg. -140sx Regular Class G cement, 1.15 cu ft/sk, 15.8 ppg, 150' to surface.
 9 5/8" csg. - 450sx Regular Class G cement, 1.15 cu ft/sk, 15.8 ppg, 1100' to surface.
 4 1/2" csg. - 1st stage 50/50 poz w/0.25 PPS Flocele, 1.26 cu ft/sk, 14.2 ppg, 8096' to 5000'. 2nd stage 50/50 poz w/0.25 PPS Flocele, 1.26 cu ft/sk, 14.2 ppg, 5000' to 1100'

*Stage 1 @ 97%
 Stage 2 @ 2150
 w/12
 to 1100 w/97
 5x*

Surface casing shall be cemented back to surface. Centralizers shall be run, at a minimum, on the bottom three joints of each casing string. Stage tool will be at 5000' in 4 1/2" string.

- 5. Mud Program and Circulating Medium – Anticipate drilling surface and intermediate with air. Production hole will be drilled with a Diammonium Phosphate (DAP) fluid system. Sufficient mud materials will be stored on location to maintain well control and combat lost circulation problems that might reasonably be expected. *9.5 lb max*
- 6. Coring, Logging and Testing Program: No DST or core anticipated. Logging program: Induction with GR and SP. Neutron Density with GR. Open hole logs will be run from TD to 1100'. All good gas and/or oil shows will be tested when perforated through production csg. Initial opening of drill stem test tools will be restricted to daylight hours.

- 7. Abnormal Conditions, Bottom Hole Pressures and Potential Hazards – include anticipated bottomhole pressure and/or pressure gradient. Also list anticipated lost circulation zones, abnormal temperature zones and possible hydrogen sulfide bearing zones: No abnormal conditions, pressures, temperatures or hazards are anticipated and are not common in this area. No H2S anticipated and does not exist in other wells in the area. Based on information from other wells in the area, max BHP not expected to exceed 3000#. *Not expected to exceed 1800#*

- 8. Any Other Aspects of this Proposal that should be Addressed:

Anticipated time frames for: Construction and Drilling	- 25 to 35 days
Completion and Testing	- 10 to 15 days

B. SURFACE USE PLAN

The dirt contractor will be provided with an approved copy of the surface use plan of operations before initiating construction. Surface disturbance and vehicular travel will be limited to the approved location and access road.

1. Existing Roads:

- a. Proposed route to location (submit a map depicting access and well location).
See attached maps and plats from ULES.
- b. Location of proposed well in relation to town or other reference point: See attached maps and plats from ULES.
- c. Contact the County Road Department for use of county roads.
Uintah County Road Dept. (435)789-1070
- d. Plans for improvement and/or maintenance of existing roads: Approximately 0.1 miles of existing road will need to be improved to accommodate rig traffic. See plat.
- e. Other: _____

2. Planned Access Roads:

- a. Location (centerline): See on map attached to survey plat.
- b. Length of new access to be constructed: 220 feet
- c. Length of existing roads to be upgraded: None
- d. Maximum total disturbed width: 50ft
- e. Maximum travel surface width: 18ft
- f. Maximum grades: 10% or less
- g. Turnouts: As needed.
- h. Surface materials: No off-site materials anticipated.
- i. Drainage (crowning, ditching, culverts, etc.): No drainage crossings will be needed for access route. Access road will be crowned and drainage ditches cut as necessary to provide adequate drainage.

Surface disturbance and vehicular travel will be limited to the approved location and access road. Any additional area needed must be approved by the Area Manager in advance.

3. Location of Production Facilities:

- a. On-site facilities: Wellhead, meter facilities, separator, dehydrator, production tanks and fenced emergency water disposal pit. Details of needed facilities will be submitted if well is completed for production.
- b. Off-site facilities: None
- c. Pipelines: If gas production is established, a new 3" coated steel gathering line will be buried paralleling the access road and will be tied to existing buried 10" line owned by Energy Transfer Partners. Line is located on the East side of Seep Ridge Road. See attached ULES plat showing pipeline route.

All permanent (in place for six months or longer) structures constructed or installed (including oil well pump jacks) will be painted a flat, nonreflective color as specified by DOGM.

All site security guidelines identified in 43 CFR § 3162.7-5 and Onshore Oil and Gas Order No. 3 shall be followed.

If a gas meter run is constructed, it will be located on lease within 500 feet of the wellhead. The gas flowline will be buried from the wellhead to the meter and will be buried downstream of the meter until it leaves the pad. Meter runs will be housed and/or fenced. The gas meter shall be calibrated prior to first sales and shall be calibrated quarterly thereafter. All gas production and measurement shall comply with the provisions of 43 CFR § 3162.7-3, Onshore Oil and Gas Order No. 5, and American Gas Association (AGA) Report No. 3.

If a tank battery is constructed on this lease, it will be surrounded by a berm of sufficient capacity to contain 1 ½ times the storage capacity of the largest tank. All loading lines and valves will be placed inside the berm surrounding the tank battery. All oil production and measurement shall conform to the provisions of 43 CFR § 3162.7-3 and Onshore Oil and Gas Order No. 4.

4. Location and Type of Water Supply:

All water needed for drilling purposes will be obtained from (describe location and/or show on a map): Water for drilling and completion operations will be purchased from rancher Bert Delambert and taken from a pond on his property located in Main Canyon in the center of the E ½, E ½ Section 31-T15S-R23E, Uintah Co., Utah. Water Right #49-123, App. #T-14298, Cert. #1504. See attached map showing water source location.

5. Source of Construction Material:

Pad construction material will be obtained from (if the source is Federally owned, show location on a map): Native materials. All on site.

The reserve pit shall be located in cut material, with at least 50% of the pit volume being below original ground level. Three sides of the reserve pit will be fenced before drilling starts. The fourth side will be fenced as soon as drilling is completed, and shall remain until the pit is dry. As soon as the reserve pit has dried, all areas not needed for production will be rehabilitated.

Trash must be contained in a trash cage and hauled away to an approved disposal site as necessary, but no later than at the completion of drilling operations.

Sewage will be contained in approved containers and disposed of at an approved disposal site.

6. Ancillary Facilities: None required. Anticipate up to 3 living trailers for rig personnel during drilling and completion.
7. Well Site Layout – depict the pit, rig, cut and fill, topsoil, etc., on a plat with a scale of at least 1" = 50'. See survey plat.

The blooie line will be located at least 100 feet from the well head.

To minimize the amount of fugitive dust and spray escaping from the blooie pit, the following blooie line deflection method will be employed: Blooie line will be directed into the base of the dirt embankment surrounding the blooie pit.

8. Plans for Restoration of the Surface:

The top 5 inches of topsoil material will be removed from the location and stockpiled separately on: The West and South sides of the location. See survey plat.

Immediately upon completion of drilling, all equipment that is not necessary for production shall be removed.

The reserve pit and that portion of the location not needed for production will be reclaimed.

Before any dirt work to restore the location takes place, the reserve pit must be completely dry.

All road surfacing will be removed prior to the rehabilitation of roads.

Reclaimed roads will have the berms and cuts reduced and will be closed to vehicle use.

All disturbed areas will be recontoured to replicate the natural slope.

The stockpiled topsoil will be evenly distributed over the disturbed area.

Prior to reseeding, all disturbed areas, including the access roads, will be scarified and left with a rough surface.

Seed will be broadcast or drilled between Sept 1st and Dec 31st, or at a time specified by the State of Utah. If broadcast, a harrow or some other implement will be dragged over the seeded area to assure seed coverage.

The following seed mixture will be used: As specified by State.

The abandonment marker will be one of the following, as specified by the State:

- 1) at restored ground level, or
- 2) below ground level.

In any case, the marker shall be inscribed with the following: operator name, lease number, well name and surveyed description (township, range, section and either quarter-quarter or footages).

9. Surface and Mineral Ownership: State surface and mineral ownership.

10. Other Information:

a. Archeological Concerns: A cultural and archaeological survey will be performed on all potentially disturbed areas once the snow has melted. Results from the Archeological report will be forwarded as soon as possible.

The operator is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator is to immediately stop work that might further disturb such materials, and contact the authorized officer (AO). Within five (5) 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 an expedited review under 36 CFR § 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate.

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

verification from the AO that the required mitigation has been completed, the operator will then be allowed to resume construction.

- b. Threatened and Endangered Species Concerns: None

- c. Wildlife Seasonal Restrictions (yes/no): As specified by State of Utah.

- d. Off Location Geophysical Testing: None

- e. Drainage crossings that require additional State or Federal approval: None

11. Lessee's or Operator's Representative and Certification

Representative:

Name: Andrew W. Busch, Fruita Office (970)858-7490, Cell (970) 260-8128

Title: V.P. of Operations

Address: 8400 East Prentice Avenue, #1100
Greenwood Village, Co. 80111

Phone Number: (303)220-7772

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 currently exist; that

the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by National Fuel Corporation and its contractors and subcontractors in conformity with this APD package and the terms and conditions under which it is approved. I also certify responsibility for the operations conducted on that portion of the leased lands associated with this application, with bond coverage being provided under Utah Statewide Blanket Drilling Bond no. 04127314.



Signature

Vice President of Operations

Title

January 28, 2008

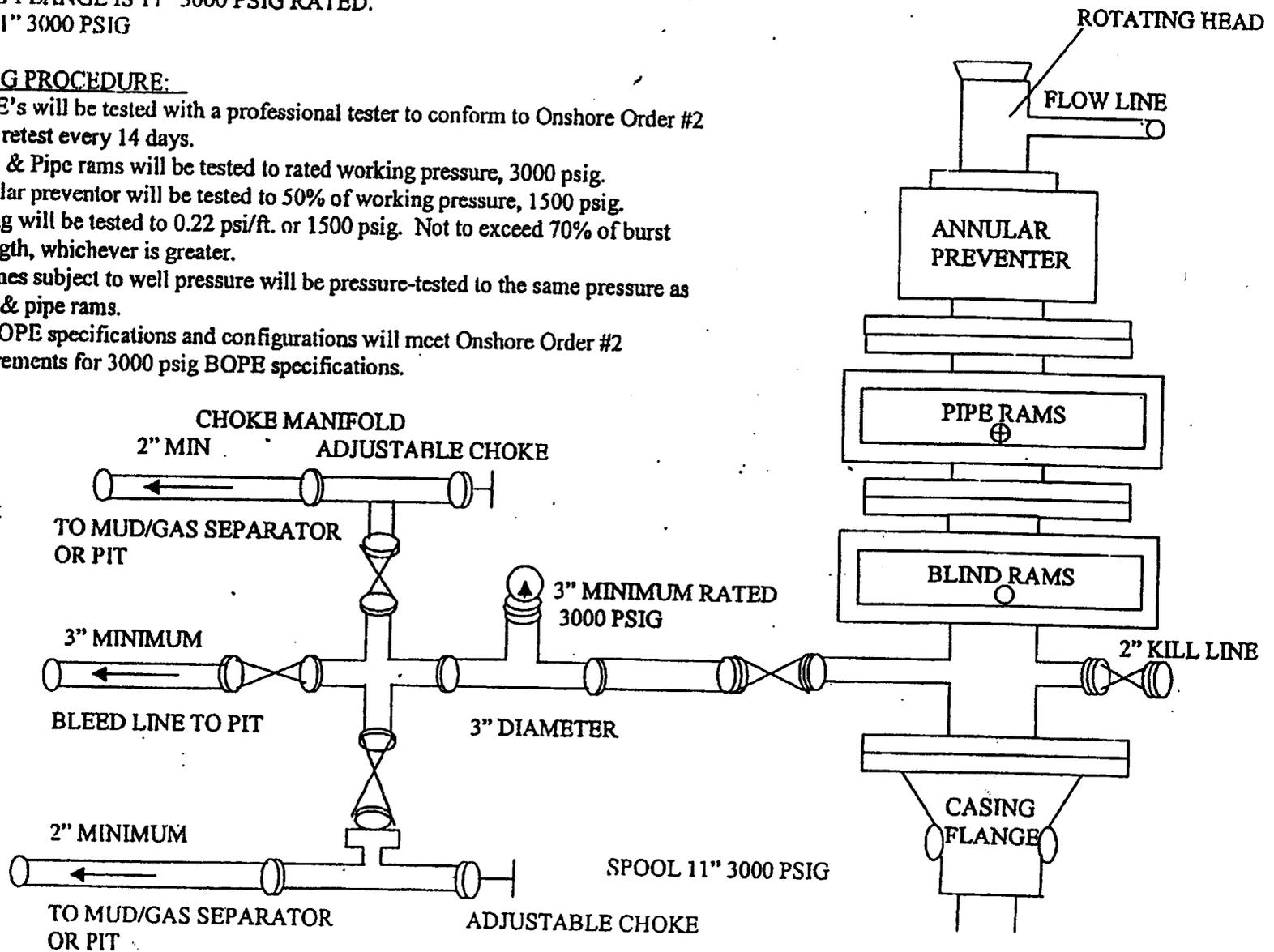
Date

3000 PSIG DIAGRAM

ANNULAR PREVENTOR AND BOTH RAMS ARE 3000 PSIG RATED.
 CASING FLANGE IS 11" 3000 PSIG RATED.
 BOPE 11" 3000 PSIG

TESTING PROCEDURE:

1. BOPE's will be tested with a professional tester to conform to Onshore Order #2 with retest every 14 days.
2. Blind & Pipe rams will be tested to rated working pressure, 3000 psig.
3. Annular preventor will be tested to 50% of working pressure, 1500 psig.
4. Casing will be tested to 0.22 psi/ft. or 1500 psig. Not to exceed 70% of burst strength, whichever is greater.
5. All lines subject to well pressure will be pressure-tested to the same pressure as blind & pipe rams.
6. All BOPE specifications and configurations will meet Onshore Order #2 requirements for 3000 psig BOPE specifications.



NATIONAL FUEL CORPORATION

NFC LINDISFARNE STATE #43-35

LOCATED IN UINTAH COUNTY, UTAH
SECTION 35, T15S, R23E, S.L.B.&M.

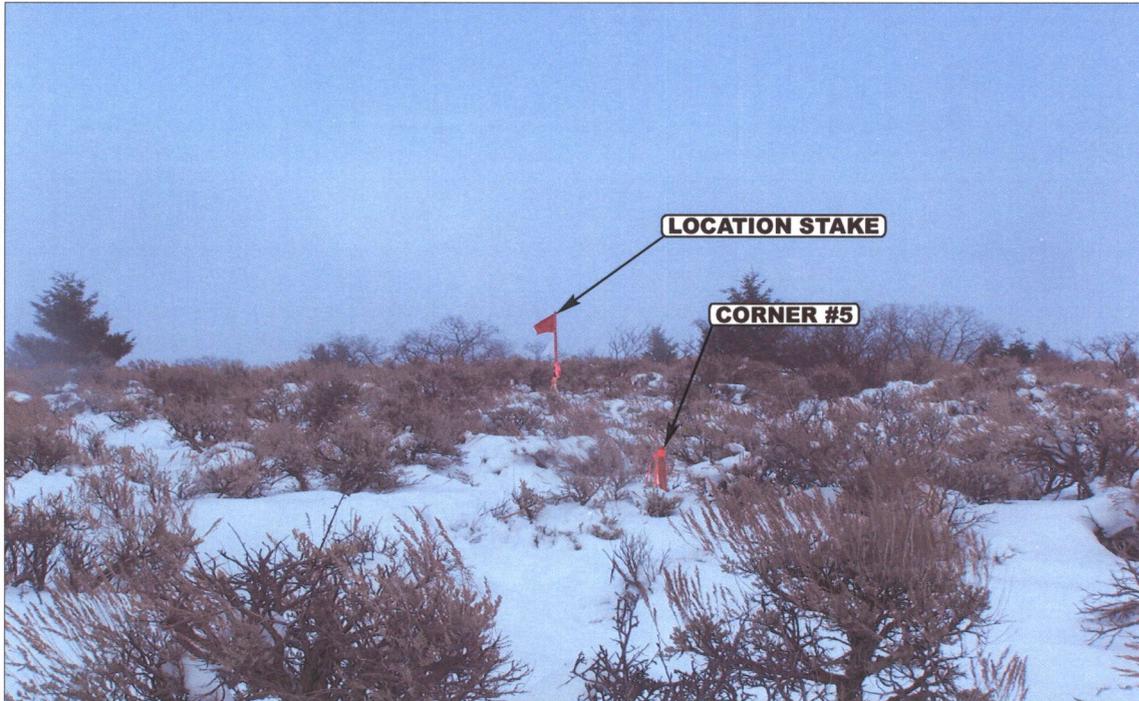


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHEASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: EASTERLY



- Since 1964 -

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

LOCATION PHOTOS			10	23	07	PHOTO
			MONTH	DAY	YEAR	
TAKEN BY: L.K.	DRAWN BY: J.L.G.	REV: 12-20-07 B.C.				

NATIONAL FUEL CORPORATION

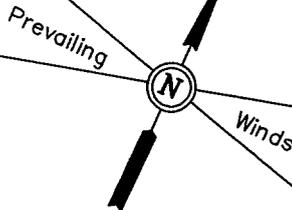
LOCATION LAYOUT FOR

NFC LINDISFARNE STATE #43-35
SECTION 35, T15S, R23E, S.L.B.&M.
1955' FSL 182' FEL

Proposed Access Road

F-7.3'
El. 57.6'

Sta. 3+25



Approx. Top of Cut Slope

SCALE: 1" = 50'
DATE: 11-05-07
Drawn By: C.C.
Revised 12-24-07

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

El. 72.9'
C-20.0'
(btm. pit)

FLARE PIT
20' WIDE BENCH
46'

C-6.4'
El. 71.3'

29'

75'

Total Pit Capacity
W/2' Of Freeboard
= 12,250 Bbls. ±
Total Pit Volume
= 3,320 Cu. Yds.

RESERVE PITS
(12' Deep)

SLOPE = 1-1/2 : 1

15' WIDE BENCH

El. 70.5'
C-17.6'
(btm. pit)

20' WIDE BENCH

C-2.1'
El. 67.0'

F-0.7'
El. 64.2'

175'

CATWALK

PIPE RACKS

C-2.7'
El. 67.6'

DOG HOUSE

RIG

WATER

PUMP

MUD SHED

HOPPER

POWER

TOOLS

FUEL

TRASH

C-0.2'
El. 65.1'

Topsoil Stockpile

135'

Sta. 1+50

F-7.0'
El. 57.9'

TRAILER

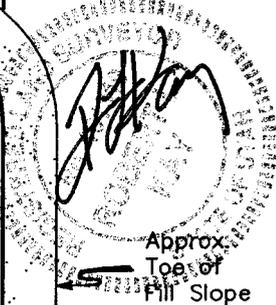
TOILET

FUEL

STORAGE TANK

Sta. 0+00

F-9.6'
El. 55.3'



Approx. Top of Fill Slope

Round Corners as needed

NOTES:

Elev. Ungraded Ground At Loc. Stake = 8167.6'
FINISHED GRADE ELEV. AT LOC. STAKE = 8164.9'

FIGURE #1

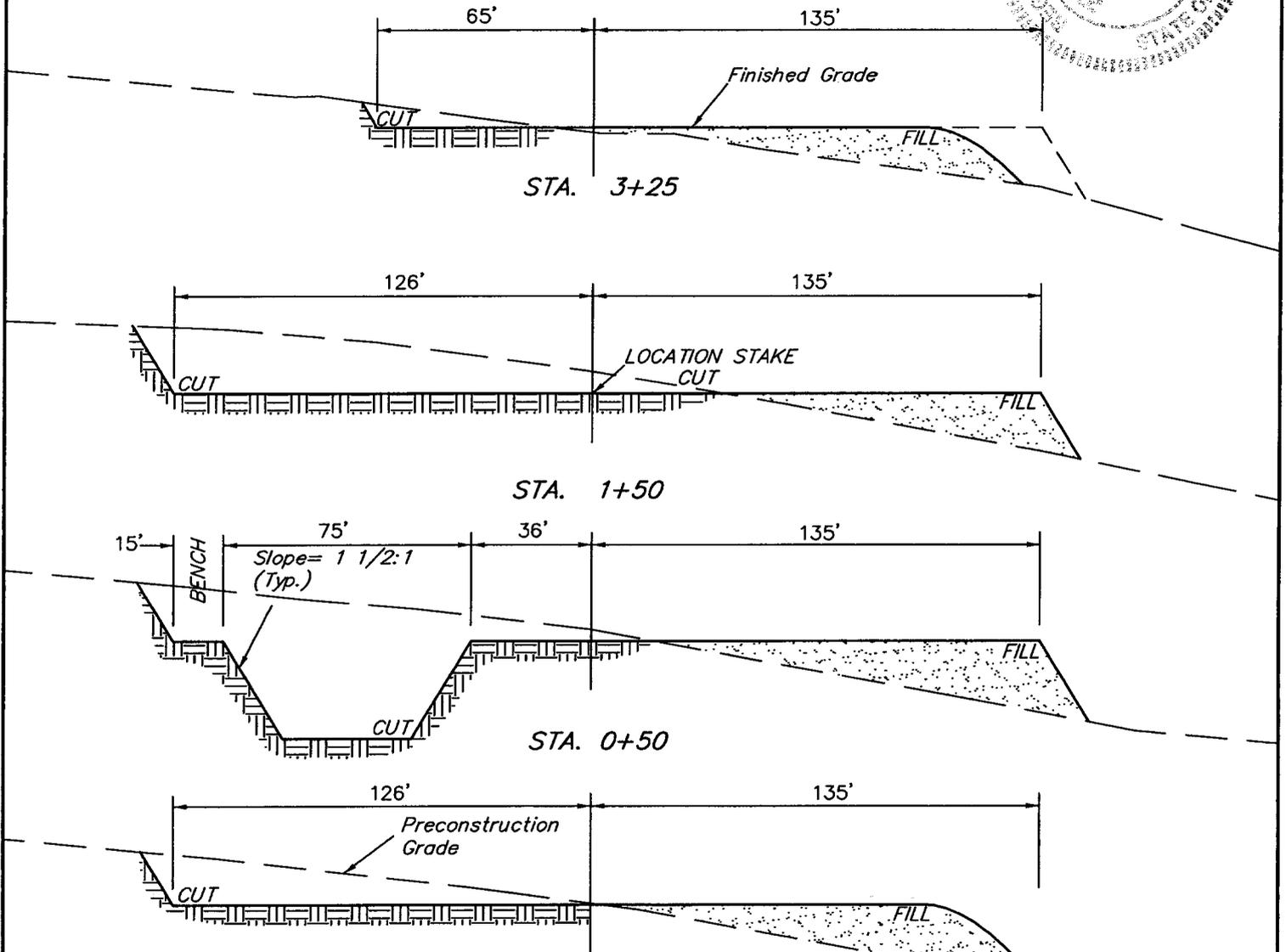
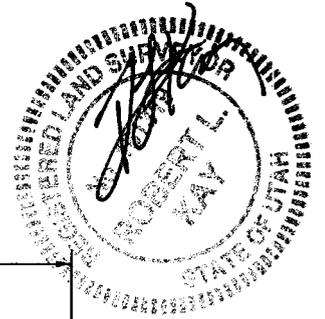
NATIONAL FUEL CORPORATION

FIGURE #2

TYPICAL CROSS SECTIONS FOR
 NFC LINDISFARNE STATE #43-35
 SECTION 35, T15S, R23E, S.L.B.&M.
 1955' FSL 182' FEL

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

DATE: 12-24-07
 Drawn By: C.C.



NOTE:

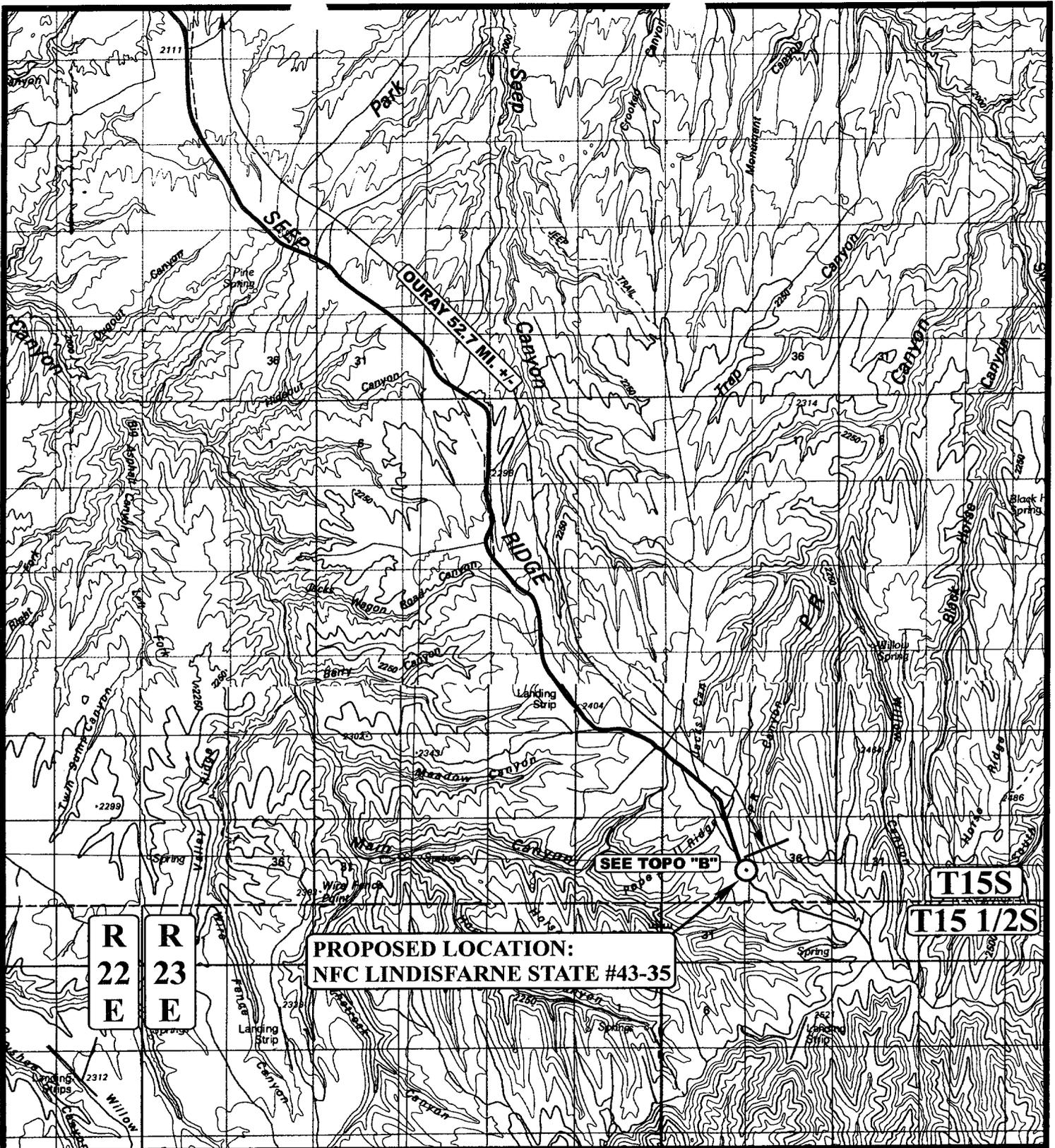
Topsoil should not be Stripped Below Finished Grade on Substructure Area.

* NOTE: FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

CUT	
(6") Topsoil Stripping	= 1,690 Cu. Yds.
Remaining Location	= 8,580 Cu. Yds.
TOTAL CUT	= 10,270 CU.YDS.
FILL	= 6,960 CU.YDS.

EXCESS MATERIAL	= 3,310 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 3,310 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	= 0 Cu. Yds.



LEGEND:

⊙ PROPOSED LOCATION



NATIONAL FUEL CORPORATION

NFC LINDISFARNE STATE #43-35
 SECTION 35, T15S, R23E, S.L.B.&M.
 1955' FSL 182' FEL



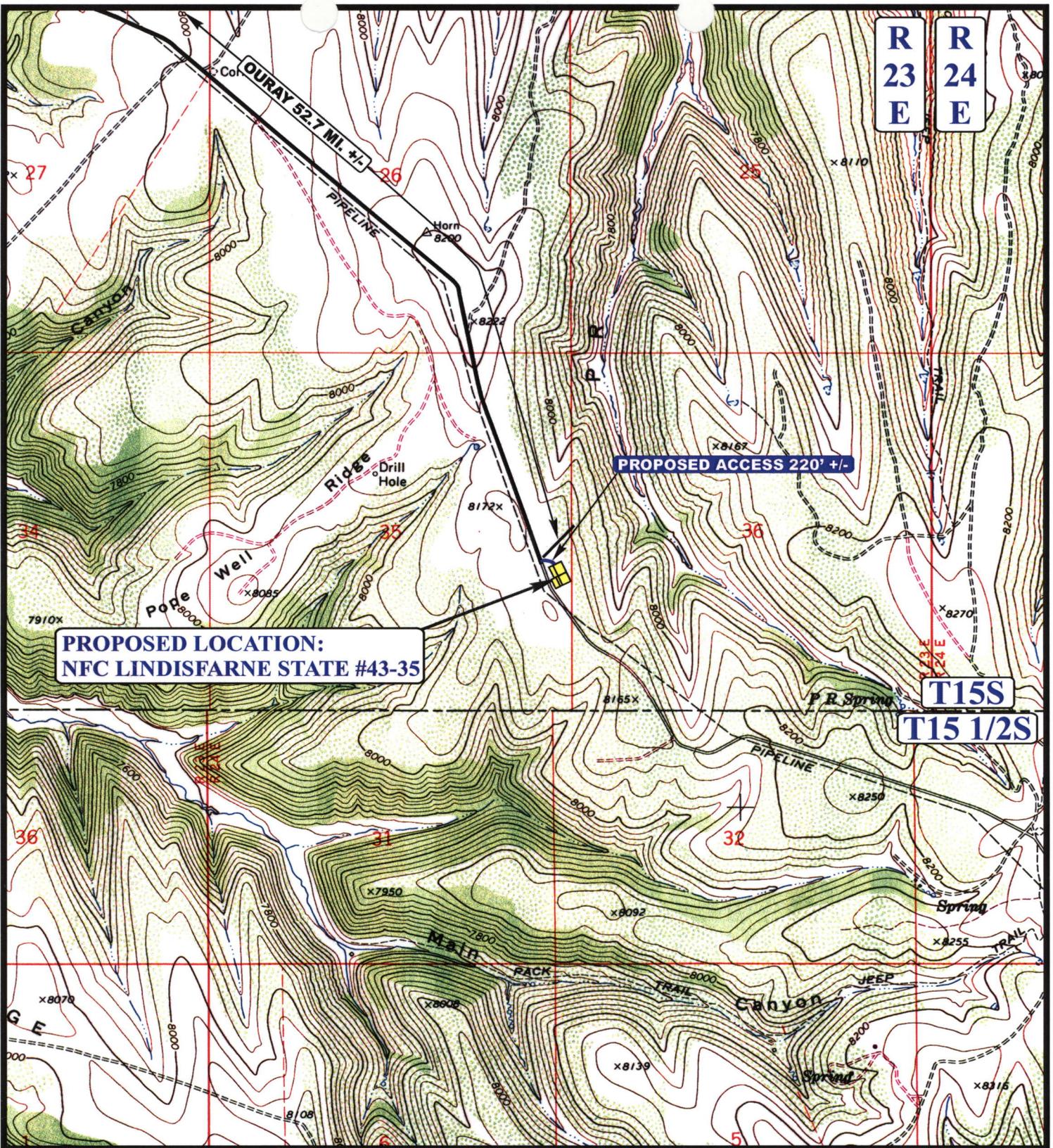
Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC
 MAP

10	23	07
MONTH	DAY	YEAR

SCALE: 1:100,000 | DRAWN BY: J.L.G. | REV: 12-20-07 B.C.





**PROPOSED LOCATION:
NFC LINDISFARNE STATE #43-35**

PROPOSED ACCESS 220' +/-

R 23 E **R 24 E**

T 15 S
T 15 1/2 S

LEGEND:

- PROPOSED ACCESS ROAD
- EXISTING ROAD

NATIONAL FUEL CORPORATION

**NFC LINDISFARNE STATE #43-35
SECTION 35, T15S, R23E, S.L.B.&M.
1955' FSL 182' FEL**



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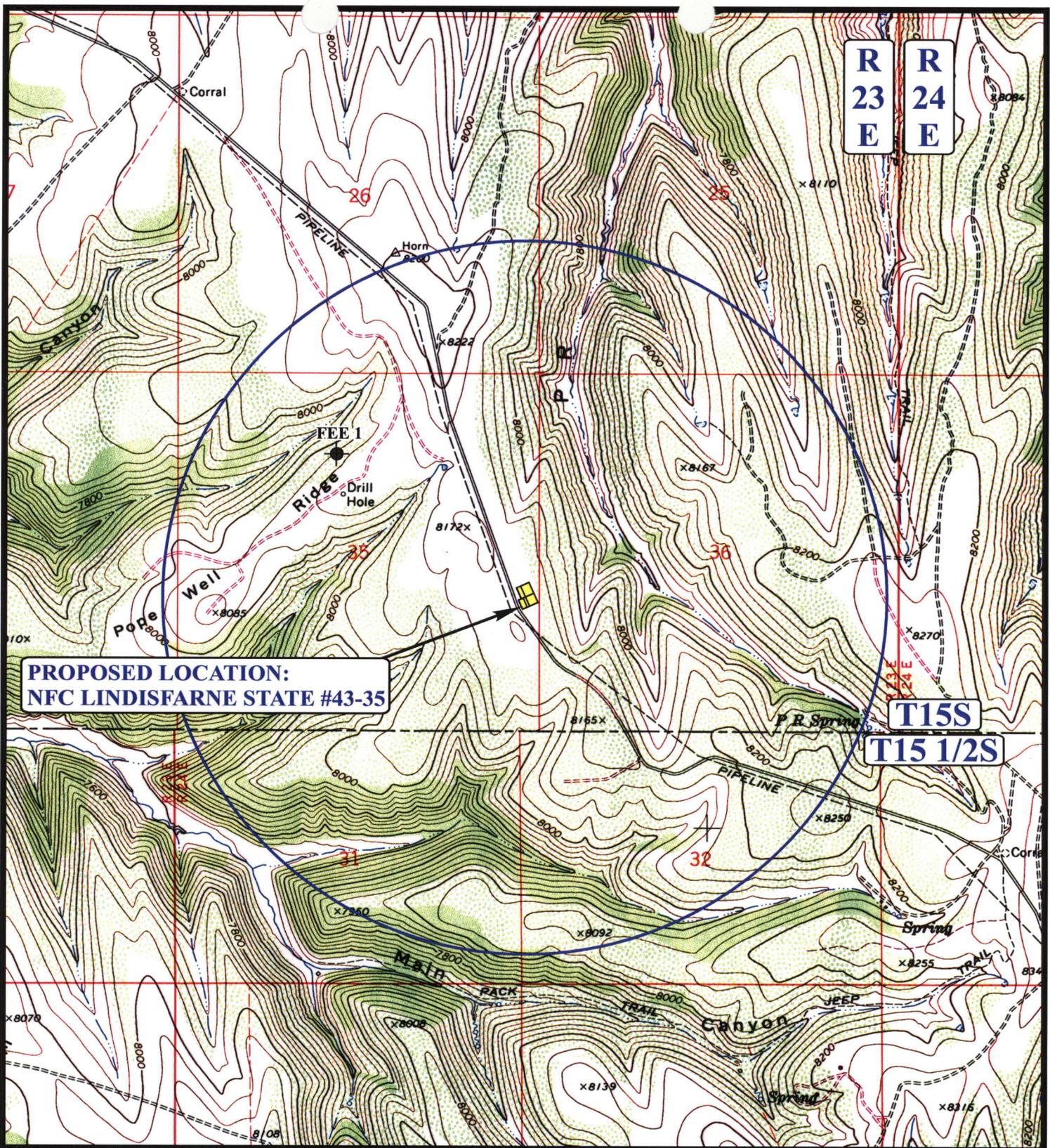


**TOPOGRAPHIC
MAP**

10 23 07
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: J.L.G. REV: 12-20-07 B.C.





**PROPOSED LOCATION:
NFC LINDISFARNE STATE #43-35**

**T15S
T15 1/2S**

LEGEND:

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

NATIONAL FUEL CORPORATION

**NFC LINDISFARNE STATE #43-35
SECTION 35, T15S, R23E, S.L.B.&M.
1955' FSL 182' FEL**



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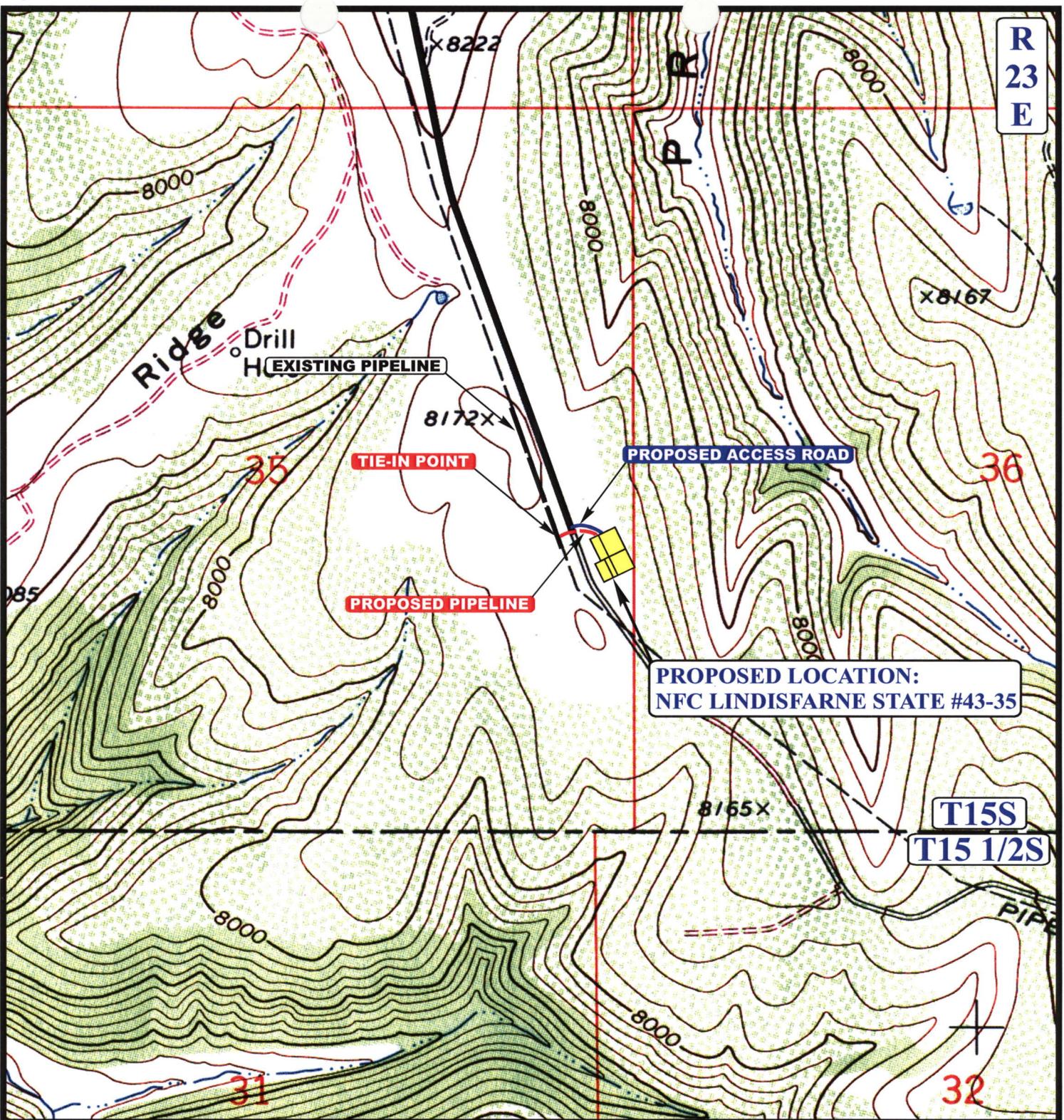


**TOPOGRAPHIC
MAP**

10 23 07
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: J.L.G. REV: 12-20-07 B.C.





APPROXIMATE TOTAL PIPELINE DISTANCE = 275' +/-

LEGEND:

- EXISTING PIPELINE
- PROPOSED PIPELINE
- PROPOSED ACCESS

NATIONAL FUEL CORPORATION

**NFC LINDISFARNE STATE #43-35
SECTION 35, T15S, R23E, S.L.B.&M.
1955' FSL 182' FEL**



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



**TOPOGRAPHIC
MAP**

10 23 07
MONTH DAY YEAR

SCALE: 1" = 1000' DRAWN BY: J.L.G. REV: 12-20-07 B.C.

D
TOPO



Name: CEDAR CAMP CANYON
 Date: 1/29/2008
 Scale: 1 inch equals 2000 feet

Location: 039° 28' 04.2" N 109° 22' 48.4" W
 Caption: Water Source

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 02/14/2008

API NO. ASSIGNED: 43-047-39852

WELL NAME: NFC LINDISFARNE ST 43-35
 OPERATOR: NATIONAL FUEL (N8060)
 CONTACT: ANDREW BUSCH

PHONE NUMBER: 303-220-7772

PROPOSED LOCATION:

NESE 35 150S 230E
 SURFACE: 1955 FSL 0182 FEL
 BOTTOM: 1700 FSL 0660 FEL
 COUNTY: UINTAH
 LATITUDE: 39.46760 LONGITUDE: -109.3010
 UTM SURF EASTINGS: 646150 NORTHINGS: 4369838
 FIELD NAME: WILDCAT (1)

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering	D.R.D	6/4/08
Geology		
Surface		

LEASE TYPE: 3 - State
 LEASE NUMBER: ML-49944
 SURFACE OWNER: 3 - State

PROPOSED FORMATION: MRSN
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[] Ind[] Sta[] Fee[]
(No. LPM8756586)
- N Potash (Y/N)
- N Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. 49-123)
- N RDCC Review (Y/N)
(Date: _____)
- N/A Fee Surf Agreement (Y/N)
- N/A Intent to Commingle (Y/N)

LOCATION AND SITING:

- _____ R649-2-3.
- Unit: _____
- _____ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
- _____ R649-3-3. Exception
- _____ Drilling Unit
Board Cause No: _____
Eff Date: _____
Siting: _____
- R649-3-11. Directional Drill

COMMENTS:

Needs Permit (05-15-08)

STIPULATIONS:

- 1- Spacing Slip
- 2- STATEMENT OF BASIS
- 3- Surface Casing Cement Step
- 4- Cement Step #3 (4 1/2" production, 1100' md)



OPERATOR: NATIONAL FUEL CORP (N8060)

SEC: 35 T.15S R. 23E

FIELD: WILDCAT (001)

COUNTY: UINTAH

SPACING: R649-3-11 / DIRECTIONAL DRILLING

- 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



OIL, GAS & MINING



PREPARED BY: DIANA MASON
DATE: 20-FEBRUARY-2008

Application for Permit to Drill

Statement of Basis

5/19/2008

Utah Division of Oil, Gas and Mining

Page 1

APD No	API WellNo	Status	Well Type	Surf Ownr	CBM
624	43-047-39852-00-00		GW	S	No
Operator	NATIONAL FUEL CORPORATION	Surface Owner-APD			
Well Name	NFC LINDISFARNE ST 43-35	Unit			
Field	UNDESIGNATED	Type of Work			
Location	NESE 35 15S 23E S 1955 FSL 182 FEL	GPS Coord (UTM) 646150E 4369838N			

Geologic Statement of Basis

NFC proposes to set 150' of conductor pipe and 1,100' of surface casing at this location. The base of the moderately saline water is at approximately 3,200 feet in this area. This location lies on the Green River Formation. The proposed location is in a recharge area for the aquifers of the upper Green River formation and fresh water can be expected to be found in the upper Green River. A search of Division of Water Rights records indicates one water well within a 10,000 foot radius of the proposed location. This well is owned by Earth Energy Resources and the producing depth is listed as 1,900'. Irrigation is listed as the water use. The well is over a mile to the east of the proposed location. The production string cement should be brought up above the base of the moderately saline water to prevent it from mixing with fresher waters up hole.

Brad Hill
APD Evaluator

5/19/2008
Date / Time

Surface Statement of Basis

General location is in the Book Cliff Mountains or Roan Plateau of southern Uintah County, Utah. Vernal Utah is approximately 75 air miles to the north and Ouray, Utah is 53 road miles to the north. Access to the area from Ouray, Utah is following the Seep Ridge Uintah County road. The proposed well is immediately east of this road in the head of a fork of PR Canyon. Two hundred and twenty feet of new road will be constructed.

Topography in the general area is rounded ridges generally running in a northerly direction. Ridges are often intersected with draws or deep canyons. Canyon walls may become excessively steep and rimmed with exposed sandstone bedrock out crops or ledges. PR Canyon drains into Sweet Water Canyon which is the major drainage in the area. The Green River formation is the surface formation. Occasional seeps or springs occur in the numerous side drainages with the only flowing stream occurring in lower Sweet Water Canyon. An occasional constructed pond to collect surface runoff for livestock and game watering exists.

The Lindisfarne State #43-35 well is proposed an east-facing slope east of the Seep Ridge Road. The spoils for the reserve pit will extend to near the shoulder of the road. Fill will be moved easterly on the gentle slope to form the pad. No drainages intersect the location and no diversions will be required. No stability problems are expected with the location as proposed. The selected location appears to be a suitable site for constructing a pad and operating a well.

Both the minerals and surface are owned by SITLA.

Ed Bonner of SITLA and Ben Williams representing the UDWR attended the pre-site.

Mr. Williams of the UDWR stated the area is classified as crucial value spring fawning habitat for deer and calving habitat for elk. However because of the close proximity of the location to the Seep Ridge Road, he did not recommend any stipulations for these species. Mr. Williams also gave Mr. Busch and Mr. Bonner a copy of this evaluation and also a seed mix recommendation to be used when the reserve pit and location are reclaimed. No other wildlife species are expected to be affected.

Application for Permit to Drill

Statement of Basis

Utah Division of Oil, Gas and Mining

5/19/2008

Page 2

Mr. Bonner of SITLA had no concerns regarding the location but requested the brush on the site be piled in a separate location, not being mixed with the top-soil.

Floyd Bartlett
Onsite Evaluator

5/15/2008
Date / Time

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be properly installed and maintained in the reserve pit.
Surface	The reserve pit shall be fenced upon completion of drilling operations.

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator NATIONAL FUEL CORPORATION
Well Name NFC LINDISFARNE ST 43-35
API Number 43-047-39852-0 **APD No** 624 **Field/Unit** UNDESIGNATED
Location: 1/4,1/4 NESE **Sec** 35 **Tw** 15S **Rng** 23E 1955 FSL 182 FEL
GPS Coord (UTM) 646153 4369851 **Surface Owner**

Participants

Floyd Bartlett (DOGM), Ed Bonner (SITLA), Ben Williams UDWR) and Andrew Busch (National Fuels Corporation).

Regional/Local Setting & Topography

General location is in the Book Cliff Mountains or Roan Plateau of southern Uintah County, Utah. Vernal Utah is approximately 75 air miles to the north and Ouray, Utah is 53 road miles to the north. Access to the area from Ouray, Utah is following the Seep Ridge Uintah County road. The proposed well is immediately east of this road in the head of a fork of PR Canyon. Two hundred and twenty feet of new road will be constructed.

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Both the minerals and surface are owned by SITLA.

Surface Use Plan

Current Surface Use

Grazing
Recreational
Wildlife Habitat

New Road

Miles	Well Pad		Src Const Material	Surface Formation
0.05	Width 261	Length 325	Onsite	GRRV

Ancillary Facilities N

Waste Management Plan Adequate?

Environmental Parameters

Affected Floodplains and/or Wetland N

Flora / Fauna

Vegetation is a dense mountain brush type. Overall cover is good. Principal species include curl-leaf Mt. Mahogany, sagebrush, snowberry, pinion, juniper, poa sp., slender wheatgrass, festuca sp., bitter brush, rabbit brush and oak brush.

Deer , elk , coyotes, rabbits, bear, lion, small mammals and birds. Cattle graze the area during the summer.

Soil Type and Characteristics

Shallow sandy loam.

Erosion Issues N

Sedimentation Issues N

Site Stability Issues N

Drainage Diverson Required N

Berm Required? N

Erosion Sedimentation Control Required? N

Paleo Survey Run? N **Paleo Potential Observed?** N **Cultural Survey Run?** **Cultural Resources?**

Reserve Pit

Site-Specific Factors		Site Ranking
Distance to Groundwater (feet)	>200	0
Distance to Surface Water (feet)	>1000	0
Dist. Nearest Municipal Well (ft)	>5280	0
Distance to Other Wells (feet)	>1320	0
Native Soil Type	Mod permeability	10
Fluid Type	Fresh Water	5
Drill Cuttings	Normal Rock	0
Annual Precipitation (inches)	10 to 20	5
Affected Populations	<10	0
Presence Nearby Utility Conduits	Not Present	0
	Final Score	20
		1 Sensitivity Level

Characteristics / Requirements

A reserve pit 75' by 147' and 12' deep is planned in an area of cut on the southwest corner of the location. No stabilization problems are expected. A 16 mil liner with a felt sub-liner as needed is required.

Closed Loop Mud Required? N **Liner Required?** Y **Liner Thickness** 16 **Pit Underlayment Required?** Y

Other Observations / Comments

Floyd Bartlett
Evaluator

5/15/2008
Date / Time

BOPE REVIEW

Nat'l Fuel Lindisfarne ST 43-35 API 43-047-39852

INPUT

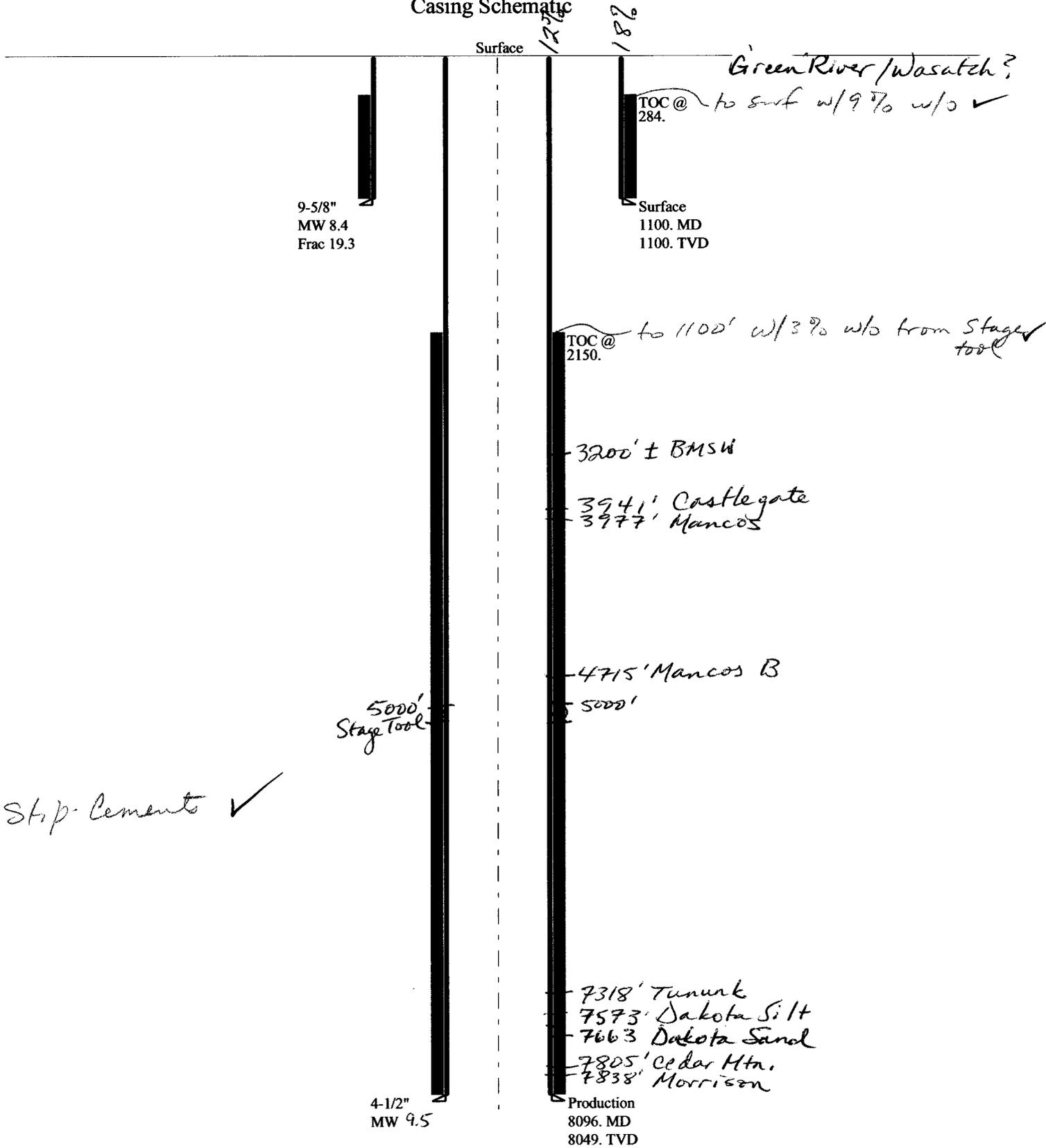
Well Name	Nat'l Fuel Lindisfarne ST 43-35 API 43-047-39852		
	String 1	String 2	
Casing Size (")	9 5/8	4 1/2	
Setting Depth (TVD)	1100	8096	
Previous Shoe Setting Depth (TVD)	150	1100	
Max Mud Weight (ppg)	8.4	9.5	
BOPE Proposed (psi)	500	3000	
Casing Internal Yield (psi)	3520	10690	
Operators Max Anticipated Pressure (psi)	1800	4.3 ppg	

Calculations	String 1	9 5/8 "	
Max BHP [psi]	.052*Setting Depth*MW =	480	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	348	YES ✓ Air Drill to surface shoe
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	238	YES
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth) =	271	← NO <i>OK</i>
Required Casing/BOPE Test Pressure		1100 psi	
*Max Pressure Allowed @ Previous Casing Shoe =		150 psi	*Assumes 1psi/ft frac gradient

Calculations	String 2	4 1/2 "	
Max BHP [psi]	.052*Setting Depth*MW =	3999	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	3028	NO
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	2218	YES ✓
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth) =	2460	← NO <i>Reasonable</i>
Required Casing/BOPE Test Pressure		3000 psi	
*Max Pressure Allowed @ Previous Casing Shoe =		1100 psi	*Assumes 1psi/ft frac gradient

2008-06 National Fuel Lindisfarne ST 43-35

Casing Schematic



Well name:	2008-06 National Fuel Lindisfarne ST 43-35	
Operator:	National Fuel Corporation	
String type:	Surface	Project ID: 43-047-39852
Location:	Uintah County, Utah	

Design parameters:

Collapse

Mud weight: 8.400 ppg
Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 75 °F
Bottom hole temperature: 90 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,100 ft

Cement top: 284 ft

Burst

Max anticipated surface pressure: 968 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 1,100 psi

No backup mud specified.

Tension:

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

Tension is based on buoyed weight.
Neutral point: 963 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 8,049 ft
Next mud weight: 9.500 ppg
Next setting BHP: 3,972 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 1,100 ft
Injection pressure: 1,100 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	1100	9.625	36.00	J-55	ST&C	1100	1100	8.796	477.4

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	480	2020	4.209	1100	3520	3.20	35	394	11.36 J

Prepared by: Helen Sadik-Macdonald
Div of Oil, Gas & Minerals

Phone: (801) 538-5357
FAX: (801) 359-3940

Date: June 2, 2008
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 1100 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

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

Well name:	2008-06 National Fuel Lindisfarne ST 43-35	
Operator:	National Fuel Corporation	
String type:	Production	Project ID: 43-047-39852
Location:	Uintah County, Utah	

Design parameters:

Collapse

Mud weight: 9.500 ppg
Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 75 °F
Bottom hole temperature: 188 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,500 ft

Cement top: 2,150 ft

Burst

Max anticipated surface pressure: 2,202 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 3,972 psi

No backup mud specified.

Tension:

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

Directional well information:

Kick-off point 1200 ft
Departure at shoe: 541 ft
Maximum dogleg: 2 °/100ft
Inclination at shoe: 0 °

Tension is based on buoyed weight.
Neutral point: 6,953 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	8096	4.5	11.60	P-110	LT&C	8049	8096	3.875	706.5

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	3972	7580	1.908	3972	10690	2.69	80	279	3.48 J

Prepared by: Helen Sadik-Macdonald
Div of Oil, Gas & Minerals

Phone: (801) 538-5357
FAX: (801) 359-3940

Date: June 2, 2008
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 8049 ft, a mud weight of 9.5 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

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



Weatherford[®]

Drilling Services

Proposal

NATIONAL FUEL CORPORATION

NFC LINDISFARNE #43-35

UNITAH COUNTY, UTAH

WELL FILE: PLAN 1

JANUARY 22, 2008

Weatherford International Ltd.

2690 Oil Drive
Casper, Wyoming 82604
+1.307.265.1413 Main
+1.307.235.3958 Fax
www.weatherford.com

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MAR 06 2008

DIV. OF OIL, GAS & MINING

NATIONAL FUEL CORPORATION



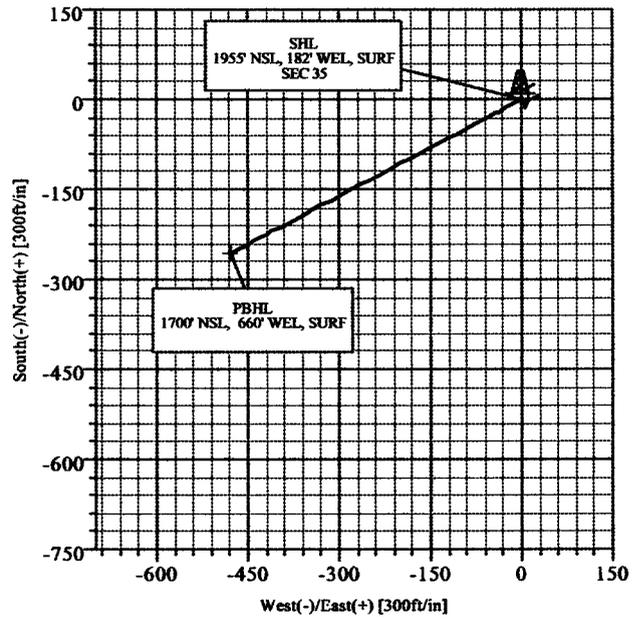
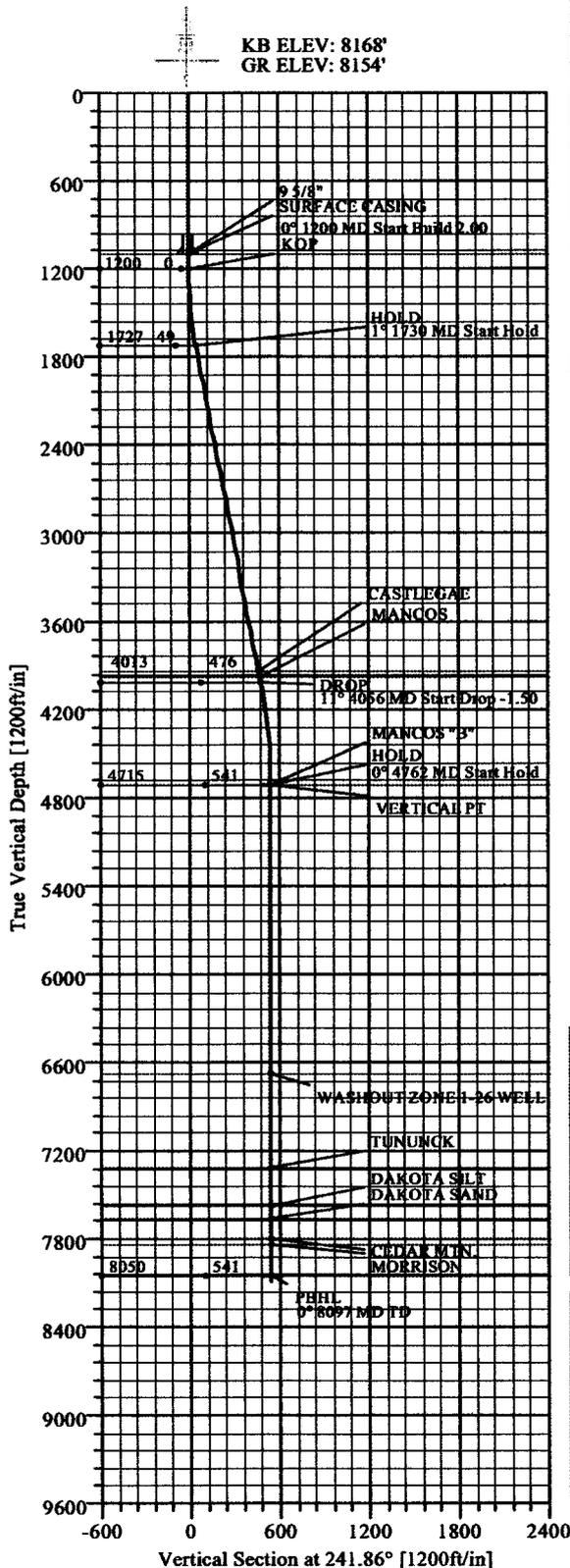
Weatherford

NATIONAL FUEL CORPORATION
 NFC LINDISFARNE #43-35
 SEC: 35-T15S-R23E
 UNITAH COUNTY, UTAH

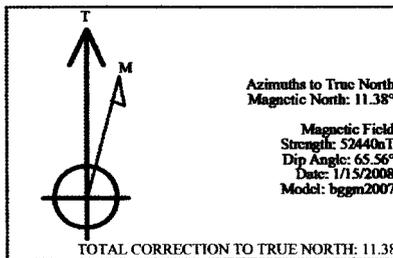
SECTION DETAILS										
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	241.86	0.00	0.00	0.00	0.00	0.00	0.00	
2	1200.00	0.00	241.86	1200.00	0.00	0.00	0.00	0.00	0.00	
3	1729.56	10.59	241.86	1726.55	-23.02	-43.03	2.00	241.86	48.81	
4	4055.58	10.59	241.86	4012.94	-224.68	-420.01	0.00	0.00	476.33	
5	4761.65	0.00	241.86	4715.00	-255.37	-477.39	1.50	180.00	541.40	VERTICAL PT
6	8096.65	0.00	241.86	8050.00	-255.37	-477.39	0.00	241.86	541.40	PBHL

WELL DETAILS							
Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
#43-35	0.00	0.00	6982469.36	2260945.93	39°28'03.600N	109°18'06.130W	N/A

TARGET DETAILS						
Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
VERTICAL PT	4715.00	-255.37	-477.39	6982202.34	2260474.96	Point
PBHL	8050.00	-255.37	-477.39	6982202.34	2260474.96	Point



VERTICAL SECTION AZIMUTH 241.86°



FORMATION TOP DETAILS			
No.	TVDPath	MDPath	Formation
1	1100.00	1100.00	SURFACE CASING
2	3941.00	3982.39	CASTLEGAE
3	3977.00	4019.01	MANCOS
4	4715.00	4761.65	MANCOS "B"
5	6677.00	6723.65	WASHOUT ZONE 1-26 WELL
6	7318.00	7364.65	TUNUNCK
7	7573.00	7619.65	DAKOTA SILT
8	7663.00	7709.65	DAKOTA SAND
9	7805.00	7851.65	CEDAR MTN
10	7838.00	7884.65	MORRISON
11	8050.00	8096.65	T.D.

SITE DETAILS	
NFC LINDIS FARNE #43-35	
Site Centre Latitude:	39°28'03.600N
Longitude:	109°18'06.130W
Ground Level:	8154.00
Positional Uncertainty:	0.00
Convergence:	1.41

FIELD DETAILS	
UNITAH COUNTY, UTAH	
Geodetic System:	US State Plane Coordinate System 1983
Ellipsoid:	GRS 1980
Zone:	Utah, Central Zone
Magnetic Model:	bggm2007
System Datum:	Mean Sea Level
Local North:	True North

Weatherford International, L.P.

DIRECTIONAL PLAN REPORT



Company: NATIONAL FUEL CORPORATION	Date: 1/22/2008	Time: 12:59:10	Page: 1
Field: UNITAH COUNTY, UTAH	Co-ordinate(NE) Reference:	Site: NFC LINDIS FARNE #43-35, True Nort	
Site: NFC LINDIS FARNE #43-35	Vertical (TVD) Reference:	SITE 8168.0	
Well: #43-35	Section (VS) Reference:	Well (0.00N,0.00E,241.86Azi)	
Wellpath: 1	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Plan: Plan #1	Date Composed:	1/16/2008
Principal: Yes	Version:	1
	Tied-to:	From Surface

Field: UNITAH COUNTY, UTAH

Map System: US State Plane Coordinate System 1983	Map Zone: Utah, Central Zone
Geo Datum: GRS 1980	Coordinate System: Site Centre
Sys Datum: Mean Sea Level	Geomagnetic Model: bggm2007

Site: NFC LINDIS FARNE #43-35

Site Position:	Northing: 6982469.36 ft	Latitude: 39 28 3.600 N	
From: Geographic	Easting: 2260945.93 ft	Longitude: 109 18 6.130 W	
Position Uncertainty: 0.00 ft		North Reference: True	
Ground Level: 8154.00 ft		Grid Convergence: 1.41 deg	

Well: #43-35	Slot Name:
Well Position: +N/-S 0.00 ft	Northing: 6982469.36 ft
+E/-W 0.00 ft	Easting: 2260945.93 ft
Position Uncertainty: 0.00 ft	Latitude: 39 28 3.600 N
	Longitude: 109 18 6.130 W

Wellpath: 1	Drilled From: Surface
Current Datum: SITE	Tie-on Depth: 0.00 ft
Magnetic Data: 1/15/2008	Above System Datum: Mean Sea Level
Field Strength: 52440 nT	Declination: 11.38 deg
Vertical Section: Depth From (TVD)	Mag Dip Angle: 65.56 deg
ft	+N/-S
	+E/-W
	Direction
	deg
0.00	0.00
0.00	0.00
0.00	241.86

Plan Section Information

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg	Target
0.00	0.00	241.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1200.00	0.00	241.86	1200.00	0.00	0.00	0.00	0.00	0.00	0.00	
1729.56	10.59	241.86	1726.55	-23.02	-43.03	2.00	2.00	0.00	241.86	
4055.58	10.59	241.86	4012.94	-224.68	-420.01	0.00	0.00	0.00	0.00	
4761.65	0.00	241.86	4715.00	-255.37	-477.39	1.50	-1.50	0.00	180.00	VERTICAL PT
8096.65	0.00	241.86	8050.00	-255.37	-477.39	0.00	0.00	0.00	241.86	PBHL

Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	MapN ft	MapE ft	Comment
500.00	0.00	241.86	500.00	0.00	0.00	0.00	0.00	6982469.36	2260945.93	
600.00	0.00	241.86	600.00	0.00	0.00	0.00	0.00	6982469.36	2260945.93	
700.00	0.00	241.86	700.00	0.00	0.00	0.00	0.00	6982469.36	2260945.93	
800.00	0.00	241.86	800.00	0.00	0.00	0.00	0.00	6982469.36	2260945.93	
900.00	0.00	241.86	900.00	0.00	0.00	0.00	0.00	6982469.36	2260945.93	
1000.00	0.00	241.86	1000.00	0.00	0.00	0.00	0.00	6982469.36	2260945.93	
1100.00	0.00	241.86	1100.00	0.00	0.00	0.00	0.00	6982469.36	2260945.93	
1200.00	0.00	241.86	1200.00	0.00	0.00	0.00	0.00	6982469.36	2260945.93	
1300.00	2.00	241.86	1299.98	-0.82	-1.54	1.75	2.00	6982468.50	2260944.41	
1400.00	4.00	241.86	1399.84	-3.29	-6.15	6.98	2.00	6982465.92	2260939.86	
1500.00	6.00	241.86	1499.45	-7.40	-13.84	15.69	2.00	6982461.62	2260932.28	
1600.00	8.00	241.86	1598.70	-13.15	-24.58	27.88	2.00	6982455.61	2260921.68	
1700.00	10.00	241.86	1697.47	-20.53	-38.38	43.52	2.00	6982447.90	2260908.07	
1729.56	10.59	241.86	1726.55	-23.02	-43.03	48.81	2.00	6982445.29	2260903.48	HOLD
1800.00	10.59	241.86	1795.79	-29.13	-54.45	61.75	0.00	6982438.90	2260892.21	

Weatherford International, L.L.C.

DIRECTIONAL PLAN REPORT



Company: NATIONAL FUEL CORPORATION	Date: 1/22/2008	Time: 12:59:10	Page: 2
Field: UNITAH COUNTY, UTAH	Co-ordinate(NE) Reference:	Site: NFC LINDIS FARNE #43-35, True Nort	
Site: NFC LINDIS FARNE #43-35	Vertical (TVD) Reference:	SITE 8168.0	
Well: #43-35	Section (VS) Reference:	Well (0.00N,0.00E,241.86Azi)	
Wellpath: 1	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	MapN ft	MapE ft	Comment
1900.00	10.59	241.86	1894.09	-37.80	-70.66	80.13	0.00	6982429.84	2260876.22	
2000.00	10.59	241.86	1992.38	-46.47	-86.86	98.51	0.00	6982420.77	2260860.24	
2100.00	10.59	241.86	2090.68	-55.14	-103.07	116.89	0.00	6982411.71	2260844.25	
2200.00	10.59	241.86	2188.97	-63.81	-119.28	135.27	0.00	6982402.64	2260828.26	
2300.00	10.59	241.86	2287.27	-72.48	-135.49	153.65	0.00	6982393.58	2260812.27	
2400.00	10.59	241.86	2385.57	-81.15	-151.69	172.03	0.00	6982384.51	2260796.28	
2500.00	10.59	241.86	2483.86	-89.81	-167.90	190.41	0.00	6982375.45	2260780.29	
2600.00	10.59	241.86	2582.16	-98.48	-184.11	208.79	0.00	6982366.38	2260764.30	
2700.00	10.59	241.86	2680.46	-107.15	-200.31	227.17	0.00	6982357.32	2260748.31	
2800.00	10.59	241.86	2778.75	-115.82	-216.52	245.55	0.00	6982348.25	2260732.32	
2900.00	10.59	241.86	2877.05	-124.49	-232.73	263.93	0.00	6982339.19	2260716.34	
3000.00	10.59	241.86	2975.35	-133.16	-248.93	282.31	0.00	6982330.12	2260700.35	
3100.00	10.59	241.86	3073.64	-141.83	-265.14	300.69	0.00	6982321.06	2260684.36	
3200.00	10.59	241.86	3171.94	-150.50	-281.35	319.07	0.00	6982311.99	2260668.37	
3300.00	10.59	241.86	3270.24	-159.17	-297.55	337.45	0.00	6982302.93	2260652.38	
3400.00	10.59	241.86	3368.53	-167.84	-313.76	355.83	0.00	6982293.86	2260636.39	
3500.00	10.59	241.86	3466.83	-176.51	-329.97	374.21	0.00	6982284.80	2260620.40	
3600.00	10.59	241.86	3565.12	-185.18	-346.17	392.59	0.00	6982275.73	2260604.41	
3700.00	10.59	241.86	3663.42	-193.85	-362.38	410.97	0.00	6982266.67	2260588.43	
3800.00	10.59	241.86	3761.72	-202.52	-378.59	429.35	0.00	6982257.60	2260572.44	
3900.00	10.59	241.86	3860.01	-211.19	-394.79	447.73	0.00	6982248.53	2260556.45	
3982.39	10.59	241.86	3941.00	-218.33	-408.15	462.87	0.00	6982241.07	2260543.27	CASTLEGAE
4000.00	10.59	241.86	3958.31	-219.86	-411.00	466.11	0.00	6982239.47	2260540.46	
4019.01	10.59	241.86	3977.00	-221.51	-414.08	469.61	0.00	6982237.75	2260537.42	MANCOS
4055.58	10.59	241.86	4012.94	-224.68	-420.01	476.33	0.00	6982234.43	2260531.57	DROP
4100.00	9.92	241.86	4056.65	-228.41	-426.98	484.24	1.50	6982230.53	2260524.69	
4200.00	8.42	241.86	4155.37	-235.93	-441.04	500.18	1.50	6982222.67	2260510.82	
4300.00	6.92	241.86	4254.47	-242.23	-452.82	513.54	1.50	6982216.08	2260499.20	
4400.00	5.42	241.86	4353.89	-247.30	-462.30	524.29	1.50	6982210.77	2260489.85	
4500.00	3.92	241.86	4453.55	-251.15	-469.49	532.44	1.50	6982206.75	2260482.76	
4600.00	2.42	241.86	4553.40	-253.76	-474.37	537.98	1.50	6982204.02	2260477.94	
4700.00	0.92	241.86	4653.35	-255.14	-476.95	540.90	1.50	6982202.58	2260475.40	
4761.65	0.00	241.86	4715.00	-255.37	-477.39	541.40	1.50	6982202.34	2260474.96	VERTICAL PT
4800.00	0.00	241.86	4753.35	-255.37	-477.39	541.40	0.00	6982202.34	2260474.96	
4900.00	0.00	241.86	4853.35	-255.37	-477.39	541.40	0.00	6982202.34	2260474.96	
5000.00	0.00	241.86	4953.35	-255.37	-477.39	541.40	0.00	6982202.34	2260474.96	
5100.00	0.00	241.86	5053.35	-255.37	-477.39	541.40	0.00	6982202.34	2260474.96	
5200.00	0.00	241.86	5153.35	-255.37	-477.39	541.40	0.00	6982202.34	2260474.96	
5300.00	0.00	241.86	5253.35	-255.37	-477.39	541.40	0.00	6982202.34	2260474.96	
5400.00	0.00	241.86	5353.35	-255.37	-477.39	541.40	0.00	6982202.34	2260474.96	
5500.00	0.00	241.86	5453.35	-255.37	-477.39	541.40	0.00	6982202.34	2260474.96	
5600.00	0.00	241.86	5553.35	-255.37	-477.39	541.40	0.00	6982202.34	2260474.96	
5700.00	0.00	241.86	5653.35	-255.37	-477.39	541.40	0.00	6982202.34	2260474.96	
5800.00	0.00	241.86	5753.35	-255.37	-477.39	541.40	0.00	6982202.34	2260474.96	
5900.00	0.00	241.86	5853.35	-255.37	-477.39	541.40	0.00	6982202.34	2260474.96	
6000.00	0.00	241.86	5953.35	-255.37	-477.39	541.40	0.00	6982202.34	2260474.96	
6100.00	0.00	241.86	6053.35	-255.37	-477.39	541.40	0.00	6982202.34	2260474.96	
6200.00	0.00	241.86	6153.35	-255.37	-477.39	541.40	0.00	6982202.34	2260474.96	
6300.00	0.00	241.86	6253.35	-255.37	-477.39	541.40	0.00	6982202.34	2260474.96	
6400.00	0.00	241.86	6353.35	-255.37	-477.39	541.40	0.00	6982202.34	2260474.96	
6500.00	0.00	241.86	6453.35	-255.37	-477.39	541.40	0.00	6982202.34	2260474.96	
6600.00	0.00	241.86	6553.35	-255.37	-477.39	541.40	0.00	6982202.34	2260474.96	
6700.00	0.00	241.86	6653.35	-255.37	-477.39	541.40	0.00	6982202.34	2260474.96	

Weatherford International, L.L.C.

DIRECTIONAL PLAN REPORT



Company: NATIONAL FUEL CORPORATION	Date: 1/22/2008	Time: 12:59:10	Page: 3
Field: UNITAH COUNTY, UTAH	Co-ordinate(NE) Reference:	Site: NFC LINDIS FARNE #43-35, True Nort	
Site: NFC LINDIS FARNE #43-35	Vertical (TVD) Reference:	SITE 8168.0	
Well: #43-35	Section (VS) Reference:	Well (0.00N,0.00E,241.86Azi)	
Wellpath: 1	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	MapN ft	MapE ft	Comment
6723.65	0.00	241.86	6677.00	-255.37	-477.39	541.40	0.00	6982202.34	2260474.96	WASHOUT ZONE 1-26 WE
6800.00	0.00	241.86	6753.35	-255.37	-477.39	541.40	0.00	6982202.34	2260474.96	
6900.00	0.00	241.86	6853.35	-255.37	-477.39	541.40	0.00	6982202.34	2260474.96	
7000.00	0.00	241.86	6953.35	-255.37	-477.39	541.40	0.00	6982202.34	2260474.96	
7100.00	0.00	241.86	7053.35	-255.37	-477.39	541.40	0.00	6982202.34	2260474.96	
7200.00	0.00	241.86	7153.35	-255.37	-477.39	541.40	0.00	6982202.34	2260474.96	
7300.00	0.00	241.86	7253.35	-255.37	-477.39	541.40	0.00	6982202.34	2260474.96	
7364.65	0.00	241.86	7318.00	-255.37	-477.39	541.40	0.00	6982202.34	2260474.96	TUNUNCK
7400.00	0.00	241.86	7353.35	-255.37	-477.39	541.40	0.00	6982202.34	2260474.96	
7500.00	0.00	241.86	7453.35	-255.37	-477.39	541.40	0.00	6982202.34	2260474.96	
7600.00	0.00	241.86	7553.35	-255.37	-477.39	541.40	0.00	6982202.34	2260474.96	
7619.65	0.00	241.86	7573.00	-255.37	-477.39	541.40	0.00	6982202.34	2260474.96	DAKOTA SILT
7700.00	0.00	241.86	7653.35	-255.37	-477.39	541.40	0.00	6982202.34	2260474.96	
7709.65	0.00	241.86	7663.00	-255.37	-477.39	541.40	0.00	6982202.34	2260474.96	DAKOTA SAND
7800.00	0.00	241.86	7753.35	-255.37	-477.39	541.40	0.00	6982202.34	2260474.96	
7851.65	0.00	241.86	7805.00	-255.37	-477.39	541.40	0.00	6982202.34	2260474.96	CEDAR MTN.
7884.65	0.00	241.86	7838.00	-255.37	-477.39	541.40	0.00	6982202.34	2260474.96	MORRISON
7900.00	0.00	241.86	7853.35	-255.37	-477.39	541.40	0.00	6982202.34	2260474.96	
8000.00	0.00	241.86	7953.35	-255.37	-477.39	541.40	0.00	6982202.34	2260474.96	
8096.65	0.00	241.86	8050.00	-255.37	-477.39	541.40	0.00	6982202.34	2260474.96	PBHL

Targets

Name	Description Dip. Dir.	TVD ft	+N-S ft	+E-W ft	Map Northing ft	Map Easting ft	← Latitude → Deg Min Sec			← Longitude → Deg Min Sec				
VERTICAL PT		4715.00	-255.37	-477.39	6982202.34	2260474.96	39	28	1.076	N	109	18	12.218	W
-Plan hit target														
PBHL		8050.00	-255.37	-477.39	6982202.34	2260474.96	39	28	1.076	N	109	18	12.218	W
-Plan hit target														

Casing Points

MD ft	TVD ft	Diameter in	Hole Size in	Name
1100.00	1100.00	9.625	12.250	9 5/8"

Annotation

MD ft	TVD ft	
1200.00	1200.00	KOP
1729.56	1726.55	HOLD
4055.57	4012.93	DROP
4761.65	4715.00	HOLD
8096.65	8050.00	PBHL

Formations

MD ft	TVD ft	Formations	Lithology	Dip Angle deg	Dip Direction deg
1100.00	1100.00	SURFACE CASING		0.00	0.00
3982.39	3941.00	CASTLEGAE		0.00	0.00
4019.01	3977.00	MANCOS		0.00	0.00
4761.65	4715.00	MANCOS "B"		0.00	0.00
6723.65	6677.00	WASHOUT ZONE 1-26 WELL		0.00	0.00
7364.65	7318.00	TUNUNCK		0.00	0.00
7619.65	7573.00	DAKOTA SILT		0.00	0.00
7709.65	7663.00	DAKOTA SAND		0.00	0.00

Weatherford International, L.L.C.
DIRECTIONAL PLAN REPORT



Company: NATIONAL FUEL CORPORATION	Date: 1/22/2008	Time: 12:59:10	Page: 4
Field: UNITAH COUNTY, UTAH	Co-ordinate(NE) Reference:	Site: NFC LINDIS FARNE #43-35, True Nort	
Site: NFC LINDIS FARNE #43-35	Vertical (TVD) Reference:	SITE 8168.0	
Well: #43-35	Section (VS) Reference:	Well (0.00N,0.00E,241.86Azi)	
Wellpath: 1	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Formations

MD ft	TVD ft	Formations	Lithology	Dip Angle deg	Dip Direction deg
7851.65	7805.00	CEDAR MTN.		0.00	0.00
7884.65	7838.00	MORRISON		0.00	0.00
8096.65	8050.00	T.D.		0.00	0.00

UTAH STATE COVER PAGE
 Must Accompany All Project Reports
 Submitted to Utah SHPO

Project Name: Class III cultural resources inventory for the proposed NFC Lindisfarne-State #43-35 and the Horse Point State #13-1 well locations in Grand and Uintah Counties, Utah, for National Fuel Corporation

State Project. No. **U08-GB-0380s**

Report Date: **5/20/2008**

County(ies): **Grand and Uintah**

Principal Investigator: **Carl E. Conner**

Field Supervisor(s): **Carl E. Conner**

Records search completed at: **UDSH**

Record search date(s): **5/19/2008**

Acreage Surveyed ~ Intensive: **20 acres**

Recon/Intuitive: **0 acres**

7.5' Series USGS Map Reference(s): **PR Spring Quadrangle (1983)**

Sites Reported	Count	Smithsonian Site Numbers
Archaeological Sites Revisits (no inventory form update)	0	
Revisits (updated IMACS site inventory form attached)	0	
New recordings (IMACS site inventory form attached)	0	
Total Count of Archaeological Sites	0	
Historic Structures (USHS 106 site info form attached)		
Total National Register Eligible Sites	0	

-----Checklist of Required Items-----

1. Copy of the Final Report
2. Copy of 7.5' Series USGS Map with Surveyed/Excavated Area Clearly Identified.
3. Completed IMACS Site Inventory Forms, Including
 - Parts A and B or C,
 - Site Sketch Map,
 - Copy of the appropriate 7.5' Series USGS Map w/ the Site Location Clearly Marked and Labeled with the Smithsonian Site Number
 - The IMACS Encoding Form,
 - Photographs
4. Completed "Cover Sheet" Accompanying Final Report and Survey Materials (Please make certain all of your checked items are attached.)

RECEIVED

MAY 21 2008

DIV. OF OIL, GAS & MINING

**Class III Cultural Resource Inventory Report
for the
Proposed NFC Lindisfarne-State #43-35 and
the Horse Point State #13-1
Well Locations on
State Lands in Grand and Uintah Counties, Utah
for
National Fuel Corporation**

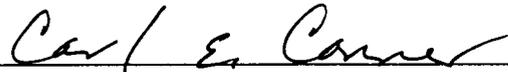
Declaration of Negative Findings

GRI Project No. 2838

20 May 2008

Prepared by

Grand River Institute
P.O. Box 3543
Grand Junction, Colorado 81502
UDSH Project Authorization No. U08-GB-0380s



Carl E. Conner, Principal Investigator

Submitted to

Preservation Office
Utah Division of State History
300 Rio Grande
Salt Lake City, Utah 84101

Abstract

Grand River Institute conducted a Class III cultural resources inventory for the proposed NFC Lindisfarne-State #43-35 and the Horse Point State #13-1 well locations in Grand and Uintah Counties, Utah, for National Fuel Corporation under Utah Division of State History (UDSH) Project Authorization No. U08-GB-0380s. This work was done to meet requirements of State law that protect cultural resources. A files search conducted through the Preservation Office UDSH on 19 May 2008 indicated no sites were previously recorded in the study area. Field work was performed on the same day. A total of 20 acres of State land was inspected. No cultural or paleontological resources were encountered and clearance is recommended.

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Lindisfarne-State #43-35 study area 3

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Point State #13-1 study area 4

Introduction

At the request of National Fuel Corporation, a Class III cultural resources inventory for the proposed NFC Lindisfarne-State #43-35 and the Horse Point State #13-1 well locations in Grand and Uintah Counties, Utah, for National Fuel Corporation under Utah Division of State History (UDSH) Project Authorization No. U08-GB-0380s. The files search, survey and report were prepared by Carl E. Conner (Principal Investigator). A files search conducted through the Preservation Office UDSH on 19 May 2008 indicated no sites were previously recorded within the study area. Field work was performed on 19 May 2008. A total of 20 acres of State land was inspected.

This survey was done to meet requirements of Utah Code, Title 9, Chapter 8. This law is concerned with the identification, evaluation, and protection of fragile, non-renewable evidences of human activity, occupation and endeavor reflected in districts, sites, structures, artifacts, objects, ruins, works of art, architecture, and natural features that were of importance in human events. Such resources tend to be localized and highly sensitive to disturbance.

Location of Project Area

The study area lies on the Roan Plateau in Grand and Uintah Counties, Utah. The NFC Lindisfarne State #43-35 is located in T. 15 S., R. 23 E. Secs. 35 and 36, and the Horse Point State #13-1 is located in T. 16 S., R. 23 E. Sec. 1; SLBM (Figure1).

Environment

The project area is within the major geologic subdivision of the Colorado Plateau known as the Uinta Basin Section. In Utah, this section extends from the Uinta Mountains on the north to the Book Cliffs on the south. It is a broad downwarp into which Quaternary- and Tertiary-age deposits were made from the surrounding mountains which include Holocene and Pleistocene pediment deposits, and Eocene-age fluvial and lacustrine sedimentary rocks (Rigby 1976:xi). Physiographically, the basin includes the Uinta basin in the northern portion and the Book Cliffs/Roan Plateau in the south portion. The study area occurs in the latter and the Wasatch Formation forms the bedrock. Rocky, sandy loams formed in residuum cover the bedrock on the ridgetop.

Elevations in the project area ranges from 7400 to 8200 feet. The terrain is a narrow ridgetop covered in Transitional Zone oakbrush, sagebrush, serviceberry and grasses, with an occasional juniper or pinyon for the #43-35 and a narrow canyon bottom for the #13-1 that has sagebrush, grasses and aspen. Regional faunal inhabitants include deer, antelope, elk, black bear, coyote, mountain lion, cottontails, jack rabbits, and various raptors. A cool, mid-latitude steppe climate prevails. Annual precipitation of this elevation

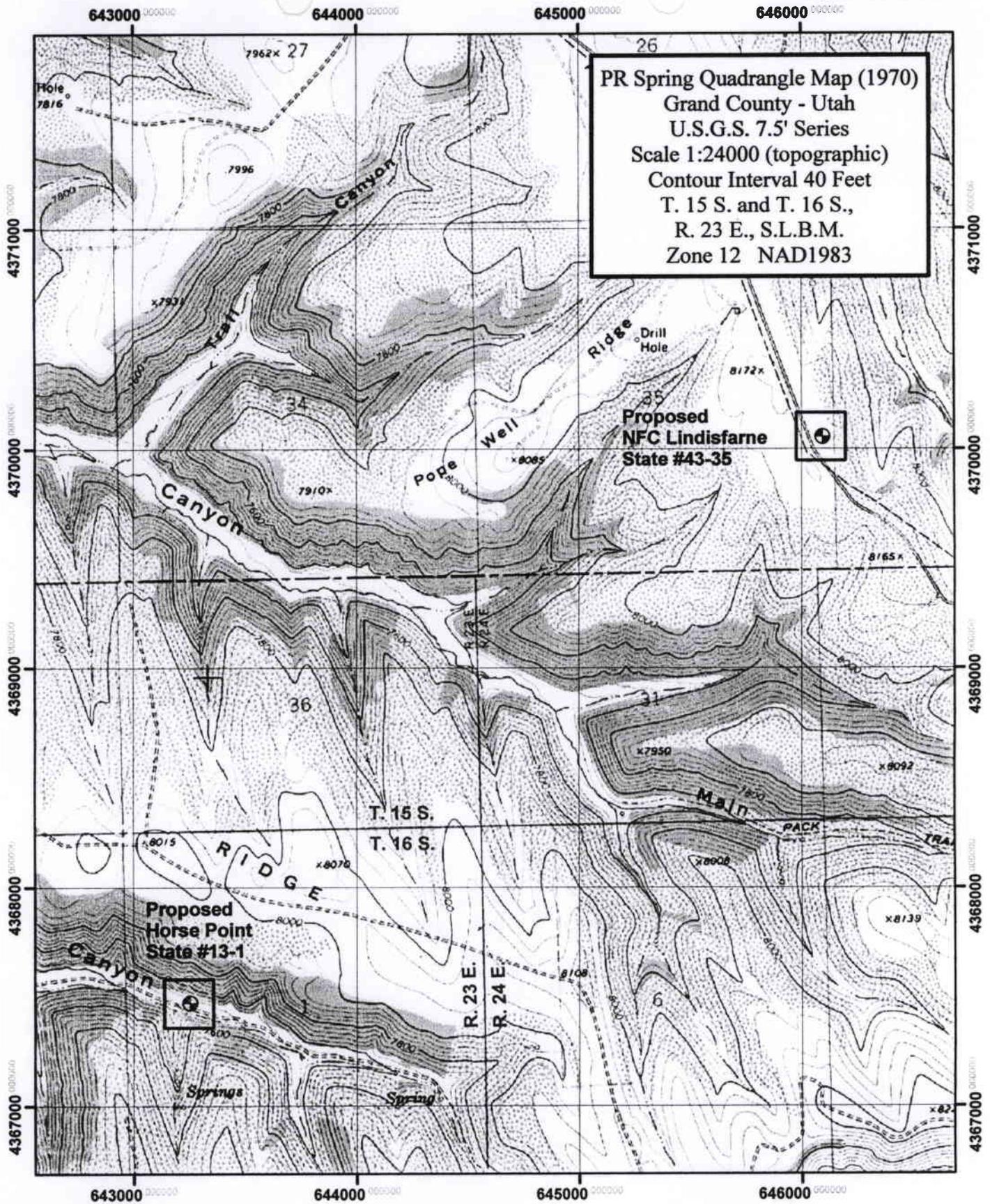


Figure 1. Project location map for the Class III cultural resources inventory report for the proposed NFC Lindisfarne-State and the Horse Point State #13-1 well locations in Grand and Uintah Counties, Utah, for National Fuels Corporation. Areas surveyed are highlighted. [GRI Project No. 2838, 5/20/08]

range is between 14 and 18 inches. Temperatures can reach 95°F in mid-summer and -20°F in January. Paleoenvironmental data are scant, but it is generally agreed that gross climatic conditions have remained fairly constant over the last 12,000 years. However, changes in effective moisture, and cooling-warming trends probably affected the prehistoric occupation of the region.

Files Search

Regional archaeological studies suggest nearly continuous human occupation of northeastern Utah for the past 12,000 years. Evidence of the Paleoindian Tradition, the Archaic Tradition, Fremont Culture, and Protohistoric/Historic Utes has been found. Historic records suggest occupation or use by EuroAmerican trappers, settlers, miners, and ranchers as well. Overviews of the prehistory and history of the region are provided in the *Utah BLM Cultural Resource Series No. 5, Sample Inventories of Oil and Gas Fields in Eastern Utah* (Nickens and Larralde 1980); and, in the *BLM Grand Resource Area Class I Cultural Resource Inventory* (Horn et al. 1994).

A files search conducted through the Preservation Office UDSH on 19 May 2008 indicated no sites were previously recorded in the study area. Twelve energy or road upgrade related projects have been conducted within a mile of the NFC Lindisfarne-State #43-35 study area (Table 1), and four such projects have been conducted within a mile of the Horse Point State #13-1 study area (Table 2). Two sites (42UN560 and 42UN900) have been recorded within a mile--but well outside--of the present project boundaries.

Table 1. List of previous cultural resource surveys within one mile of the proposed NFC Lindisfarne-State #43-35 study area.

Report Number	Project
U-07-GB-1249s	Class III cultural resources inventory for the proposed NFC Lindisfarne-State #13-35 and NFC Lindisfarne-State #43-35 well locations and related new and to-be-upgraded access routes in Uintah County, Utah for National Fuel Corporation (Conner, 10/2007)
U-06-ST-1546bps	Class III CRI of the Seep Ridge Pipeline Project, Grand and Uintah Counties, Utah (Reed and Hays, 12/2006)
U-05-ST-1038bps	Class III CRI of the Park Ridge 3-D Geophysical Exploration Project Area, Uintah County, Utah (Hays et al., 6/2006)
U-04-AY-292s	EOGF Resources Inc. Lindisfarne #1-26: A Cultural Resource Inventory for a well and its access and pipeline, Uintah County, Utah (Truesdale, 4/2004)

Report Number	Project
U-02-NU-0340bs	Class III Cultural Resource Inventory on the WesternGeco Horse Point 3D Seismic Grid, Uintah and Grand Counties, Utah (Frizell et al., 9/18/2002)
U-95-GB-457ps	Cultural Resource Inventory Report of the Proposed Spring Diversion Project in Uintah and Grand Counties, Utah for Alameda Corporation (Conner, 8/1995)
U-91-AF-301 U-90-AF-133bis U-89-AF-687bps	Archaeological Evaluations in the Northern Colorado Plateau Cultural Area: An Investigation of the Seep Ridge - Book Cliffs - Red Wash - Hay Canyon - Whetrock Canyon & Interstate 70 - Exit 220 Alternative Highway Routes in Uintah and Grand Counties, Utah (Hauck, Ph.D., 12/1991)
U-85-MM-431s	PR Springs Tar Sands Exploration Project (24 drill holes) for Mobile Alternative Energy, Inc. in Grand and Uintah Counties, Utah (Metcalf, 6/25/1985)
U-84-MA-763bs	Cultural resource inventory for 39 proposed drill holes for Mobil Oil Corporation's PR Spring Tar Sands Exploration Permit Area in Uintah and Grand Counties, Utah (Metcalf-Zier, 9/1983)
U-83-MA-196bs	Cultural resource inventory of 16 proposed drill holes for Mobil Oil Corporation's PR Spring Tar Sands Exploration Project, Uintah and Grand Counties, Utah (Metcalf-Zier, 9/1983)
U-80-WE-304b	A cultural resource survey of pipeline right-of-ways in the Main Canyon District of the East Tavaputs Plateau, Utah (Hibbets and Wharton, 6/1980)
U-79-DB-147b	An Archaeological Survey of Gas Pipelines in Northwestern Colorado and East Central Utah for Northwest Pipeline Corporation (Powers et al., 6/1979)

Table 2. List of previous cultural resource surveys within one mile of the proposed Horse Point State #13-1 study area.

Report Number	Project
U-02-NU-0340bs	Class III Cultural Resource Inventory on the WesternGeco Horse Point 3D Seismic Grid, Uintah and Grand Counties, Utah (Frizell et al., 9/18/2002)

Report Number	Project
U-85-MM-431s	PR Springs Tar Sands Exploration Project (24 drill holes) for Mobile Alternative Energy, Inc. in Grand and Uintah Counties, Utah (Metcalf, 6/25/1985)
U-84-GC-751bs	Archaeological Survey for Northwest Pipeline Corporation's Tie to TXO to Little Berry State #1 in Grand County, Utah (Hartley, 6/12/1984)
U-84-MA-763bs	Cultural resource inventory for 39 proposed drill holes for Mobil Oil Corporation's PR Spring Tar Sands Exploration Permit Area in Uintah and Grand Counties, Utah (Metcalf-Zier, 9/1983)

Study Objectives

The purpose of the study was to identify and record all cultural resources within the area of potential impact and to assess their significance and eligibility to the National Register of Historic Places (NRHP). Paleontological resources were also considered in the inspection. However, a final evaluation of those resources must be provided by a paleontologist permitted by the State of Utah.

Field Methods

A Class III, 100% pedestrian, cultural resources survey of the proposed well locations was made by a two-person crew walking a series of N-S and E-W transects spaced at 15-meter intervals to cover the 10-acre study areas. A total of about 20 acres of State land was intensively surveyed.

Cultural resources were sought as surface exposures and were characterized as sites or isolated finds. Sites were defined as discrete loci of patterned activity greater than 50 years of age and consisting of 5 or more prehistoric artifacts with or without features or over 50 historic artifacts with associated features. Also, a single isolated hearth with no other associated artifacts or features was to be recorded as a site. Isolated finds were defined as less than 5 artifacts without associated features; historic trash dumps without associated features; single core reduction events with a single core and associated reduction debitage; single pot drops where the sherds are from a single vessel; or prospector pits with/or without artifacts and no associated historic structures or features.

Environmental constraints which might be expected included previous natural ground disturbance that has modified the surface so extensively that the likelihood of finding

cultural resources is negligible; human activity within the past 50 years that has created a new land surface such that all traces of cultural resources have been eradicated; natural environmental characteristics that are unfavorable to the presence of historic properties; slopes greater than 30% where no potential for rock shelter, rock art, or other cultural properties associated with rock faces or ledges exist; and areas with 100% vegetation coverage.

All cultural resources that qualified as sites (such as prehistoric open camps, lithic scatters, occupied overhangs, rockshelters, and evidence of historic occupation) or isolated finds were to be recorded as they were encountered to standards set by the Utah Division of State History. Recording of the cultural manifestations during this project was to be completed using the following methods of mapping and note taking. The basic approach to the data collection was to be the continuous mapping of observed artifacts by recording UTM coordinates (NAD 83 Datum) using a Trimble Geo XT. Then, the site map was to be created using corrected GPS data and ARCMAP. Photographs were to be taken at the sites and include general views and specific artifacts.

No sites were recorded. No temporally diagnostic artifacts were observed, and no artifacts were collected. Field notes for this project are on file at Grand River Institute.

Study Findings and Management Recommendations

As expected, no cultural or paleontological resources were encountered during the survey. Accordingly, cultural resource clearance is recommended.

References

Horn, J., Alan Reed, and Susan Chandler

1994 Grand Resource Area Class I Cultural Resource Inventory. Ms on file Bureau of Land Management Grand Field Office, Moab.

Nickens, Paul R. and Signa L. Larralde

1980 Sample Inventories of Oil and Gas Fields in Eastern Utah. Utah BLM Cultural Resource Series No. 5. Bureau of Land Management, Salt Lake City.

Rigby, J. Keith

1976 Northern Colorado Plateau. Kendall/Hunt Publishing Company. Dubuque.

From: Jim Davis
To: Mason, Diana
Date: 7/30/2008 4:03 PM
Subject: SITLA APD approval 7/30/08

CC: Bonner, Ed; Garrison, LaVonne

The following wells have been approved by SITLA including arch and paleo clearance.

Operator	Well Name	API #
Kerr McGEE	NBU 921-26M2AS	4304740113
Kerr McGEE	NBU 922-32O1T	4304740116
Kerr McGEE	NBU 922-29J	4304740119
ConocoPhillips	Utah 17-1174	4300731418
EOG Res	NBU 672-25E	4304750028
XTO Energy	St of Ut 16-8-32-23D	4301530741
XTO Energy	St of Ut 16-8-31-43D	4301530742
Gasco Prod	Gate Cyn St 12-21-11-15	4301333858
Gasco Prod	State 42-32-9-19	4304739795
National Fuel	NFC Lindisfarne St 43-35	4304739852
EOG Resources	NBU 642-13E	4304750013
EOG Resources	NBU 640-13E	4304750014
EOG Resources	NBU 663-24E	4304750010
EOG Resources	NBU 661-24E	4304750011
Kerr McGEE	NBU 921-34MT	4304739402
Kerr McGEE	NBU 1022-25H	4304739033
Kerr McGEE	State 1022-25I	4304739034
Westport O&G	State 921-32N	4304737957
Westport O&G	State 921-32O	4304737958
EOG Resources	NBU 638-13E	4304750016

-Jim Davis



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

July 31, 2008

National Fuel Corporation
8400 E Prentice Ave. #1100
Greenwood Village, CO 80111-2926

Re: NFC Lindisfarne State 43-35 Well, 1955' FSL, 182' FEL, NE SE, Sec. 35, T. 15 South,
R. 23 East, Bottom Location 1700' FSL, 660' FEL, NE SE, Sec. 35, T. 15 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.

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 43-047-39852.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Uintah County Assessor
SITLA

Operator: National Fuel Corporation
Well Name & Number NFC Lindisfarne State 43-35
API Number: 43-047-39852
Lease: ML-49944

Location: NE SE Sec. 35 T. 15 South R. 23 East
Bottom Location: NE SE Sec. 35 T. 15 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

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

- 24 hours prior to cementing or testing casing – contact Dan Jarvis
- 24 hours prior to testing blowout prevention equipment – contact Dan Jarvis
- 24 hours prior to spudding the well – contact Carol Daniels
- Within 24 hours of any emergency changes made to the approved drilling program – contact Dustin Doucet
- Prior to commencing operations to plug and abandon the well – contact Dan Jarvis

The operator is required to get approval from the Division of Oil, Gas and Mining before performing any of the following actions during the drilling of this well:

- Plugging and abandonment or significant plug back of this well – contact Dustin Doucet
- Any changes to the approved drilling plan – contact Dustin Doucet

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

- Dan Jarvis at: (801) 538-5338 office (801) 942-0871 home
- Carol Daniels at: (801) 538-5284 office
- Dustin Doucet at: (801) 538-5281 office (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. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.
5. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)
6. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.
7. Cement volume for the 4 1/2" production string shall be determined from actual hole diameter in order to place cement from the pipe setting depth back to 1100' MD as indicated in the submitted drilling plan.
8. Surface casing shall be cemented to the surface.
9. 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

October 1, 2009

National Fuel Corporation
8400 E Prentice Ave. #1100
Greenwood Village, CO 80111-2926

Re: APD Rescinded – NFC Lindisfarne St. 43-35, Sec. 35, T. 15S, R. 23E
Uintah County, Utah API No. 43-047-39852

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 July 31, 2008. No drilling activity at this location has been reported to the division. Therefore, approval to drill the well is hereby rescinded, effective October 1, 2009.

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
SITLA, Ed Bonner

