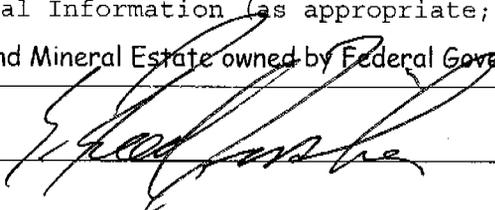


# Notice of Staking Form

NOTICE OF STAKING (Not to be used in place of Application for Permit to Drill Form 3160-3)		6. Lease Number  UTU - 70239	
1. Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> (Specify)		7. If Indian, Alottee or Tribe Name  NA	
2. Name of Operator  McElvain Oil and Gas Properties, Inc.		8. Unit Agreement Name  NA	
3. Name of Specific Contact Person  Reed Fischer		9. Farm or Lease Name  Tucker Federal	
4. Address & Phone No. of Operator or Agent  1050 - 17th Street, Ste. 1800 Denver, CO 80265 (303) 893-093:		10. Well No.  8 - 6	
5. Surface Location of Well  Attach: a) Sketch showing road entry onto pad, <input type="checkbox"/> pad dimensions, and reserve pit. b) Topographical or other acceptable map showing location, access road, and <input type="checkbox"/> lease boundaries.		11. Field or Wildcat Name  Oil Springs	
15. Formation Objective(s)  Mesaverde, Wasatch, Green River		16. Estimated Well Depth  4200	
		13. County, Parish or Borough  Uintah County	14. State  Utah
17. Additional Information (as appropriate; shall include surface owner's name.)  Surface and Mineral Estate owned by Federal Government and administered by the BLM.			
18. Signed  Title <u>Operations Engineer</u> Date <u>3/16/05</u>			

NOTE: Upon receipt of the Notice, the Bureau of Land Management (BLM) will schedule the date of the onsite predrill inspection and notify you accordingly. The location must be staked and access road flagged prior to the onsite.

Operators must consider the following prior to the onsite:

- a)  H2S Potential
- b)  Cultural Resources (Archeology)
- c)  Federal Right of Way or Special Use Permit

IMPORTANT: SEE REVERSE SIDE FOR INSTRUCTIONS

**RECEIVED**  
**MAR 18 2005**  
DIV. OF OIL, GAS & MINING

# McELVAIN OIL & GAS PROP., INC.

TUCKER FEDERAL #8-6  
LOCATED IN UINTAH COUNTY, UTAH  
SECTION 8, T12S, R24E, S.L.B.&M.

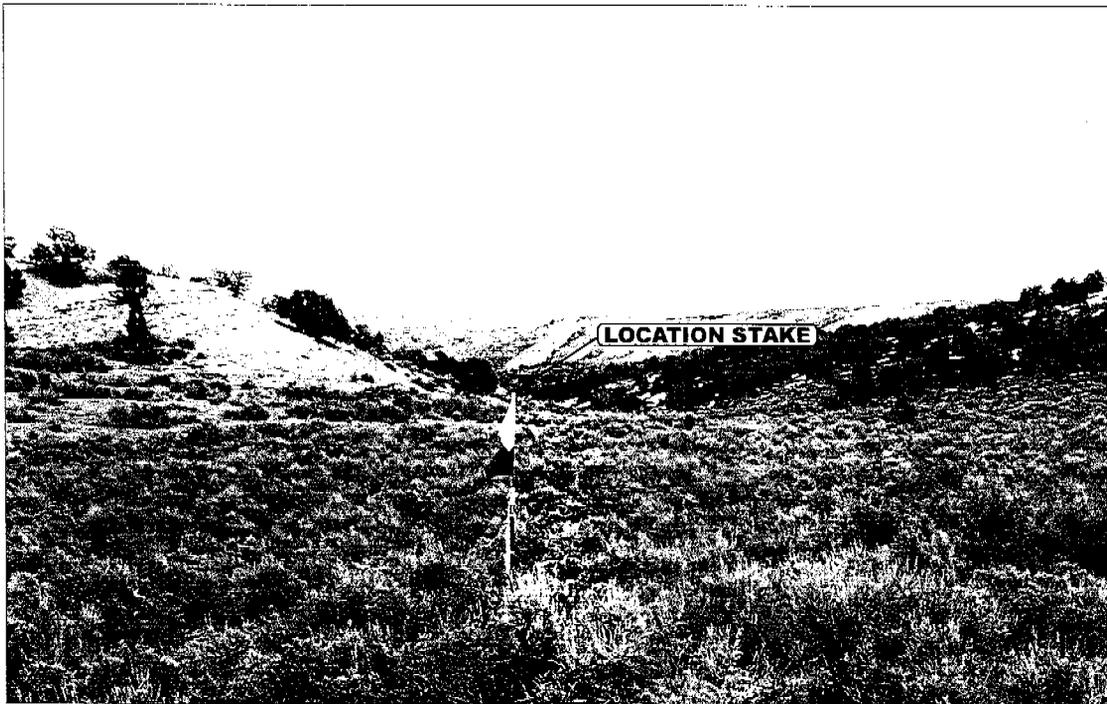


PHOTO: VIEW FROM LOCATION STAKE TO CORNER #1

CAMERA ANGLE: NORTHEASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: SOUTHEASTERLY



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

LOCATION PHOTOS

03 08 05  
MONTH DAY YEAR

PHOTO

TAKEN BY: S.H.

DRAWN BY: L.K.

REV: 03-14-05 L.K.

# McELVAIN OIL & GAS PROP., INC.

## LOCATION LAYOUT FOR

TUCKER FEDERAL #8-6  
SECTION 8, T12S, R24E, S.L.B.&M.  
2078' FNL 1801' FWL

Proposed Access Road

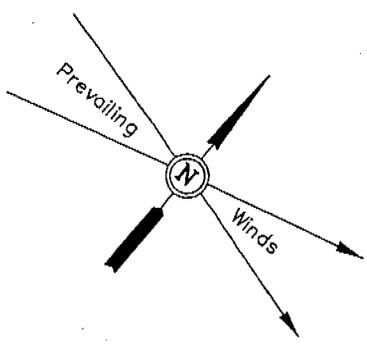
C-10.9'  
El. 61.1'

C-8.9'  
El. 59.1'

Install Low Water Crossing or 18" CMP

C-3.1'  
El. 53.3'

CONSTRUCT DIVERSION DITCH



SCALE: 1" = 50'  
DATE: 03-08-05  
Drawn By: D.R.B.  
Revised: 03-14-05 D.R.B.

CONSTRUCT DIVERSION DITCH

El. 58.1'  
C-17.9'  
(btm. pit)

C-3.2'  
El. 53.4'

C-0.8'  
El. 51.0'

F-4.9'  
El. 45.3'

Total Pit Capacity  
W/2' of Freeboard  
= 9,850 Bbls. ±  
Total Pit Volume  
= 2,780 Cu. Yds.

Approx. Top of Cut Slope

Approx. Toe of Fill Slope

El. 55.0'  
C-14.8'  
(btm. pit)

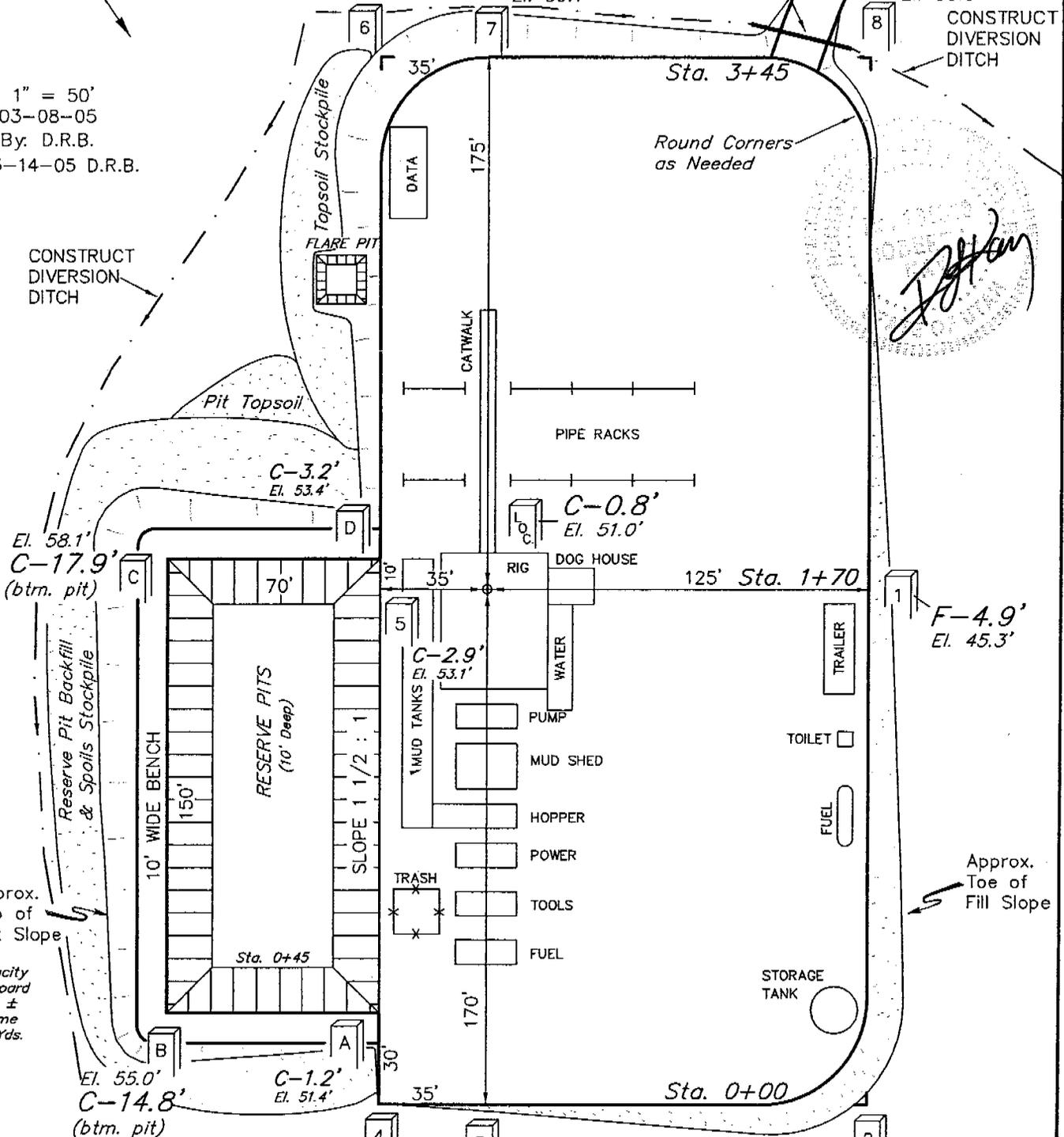
C-0.1'  
El. 50.3'

F-1.4'  
El. 48.8'

F-8.0'  
El. 42.2'

Elev. Ungraded Ground at Location Stake = 6151.0'  
Elev. Graded Ground at Location Stake = 6150.2'

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



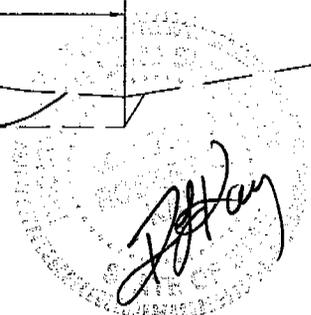
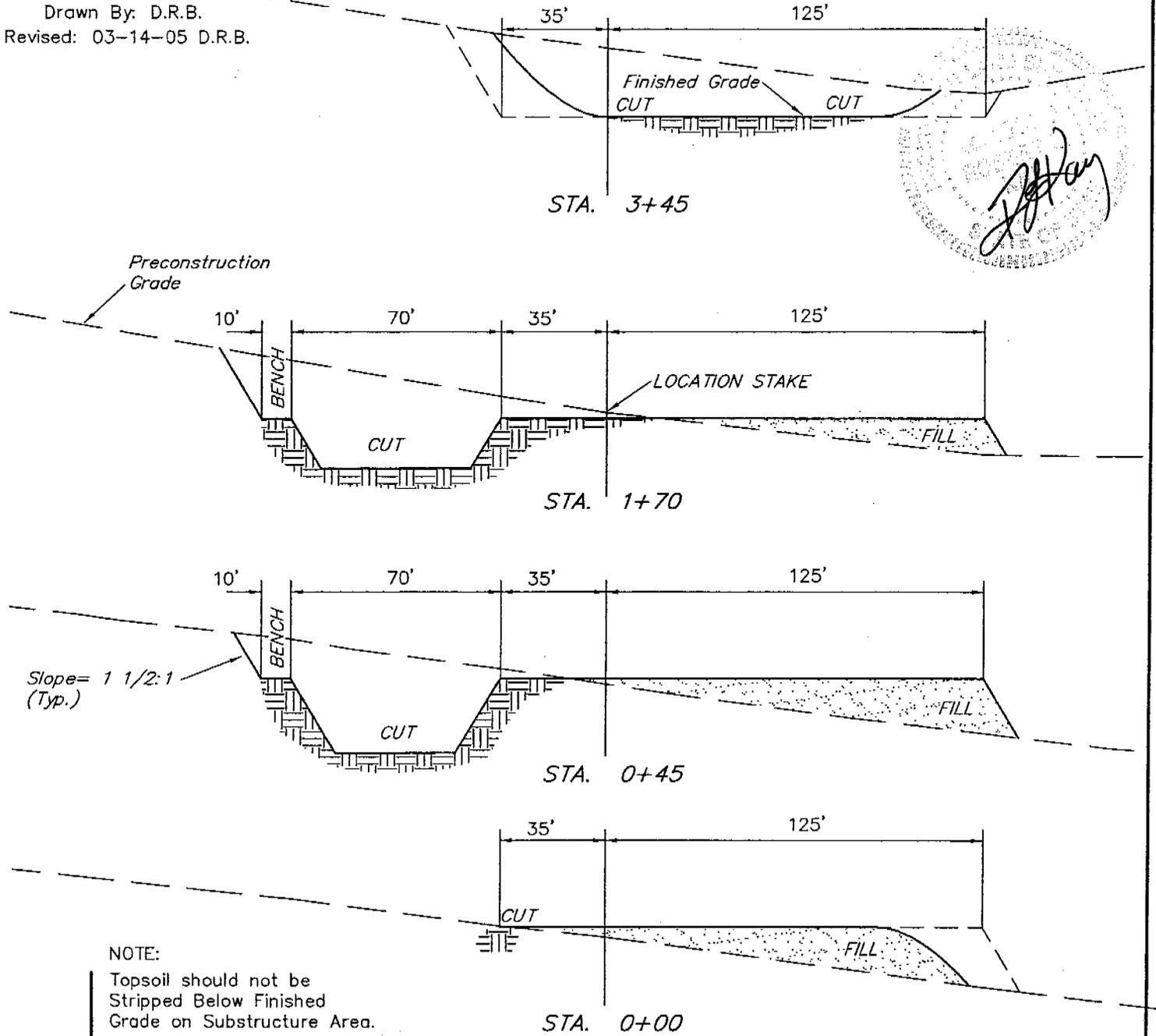
**McELVAIN OIL & GAS PROP., INC.**

**TYPICAL CROSS SECTIONS FOR**

**TUCKER FEDERAL #8-6  
SECTION 8, T12S, R24E, S.L.B.&M.  
2078' FNL 1801' FWL**

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

DATE: 03-08-05  
Drawn By: D.R.B.  
Revised: 03-14-05 D.R.B.



**APPROXIMATE YARDAGES**

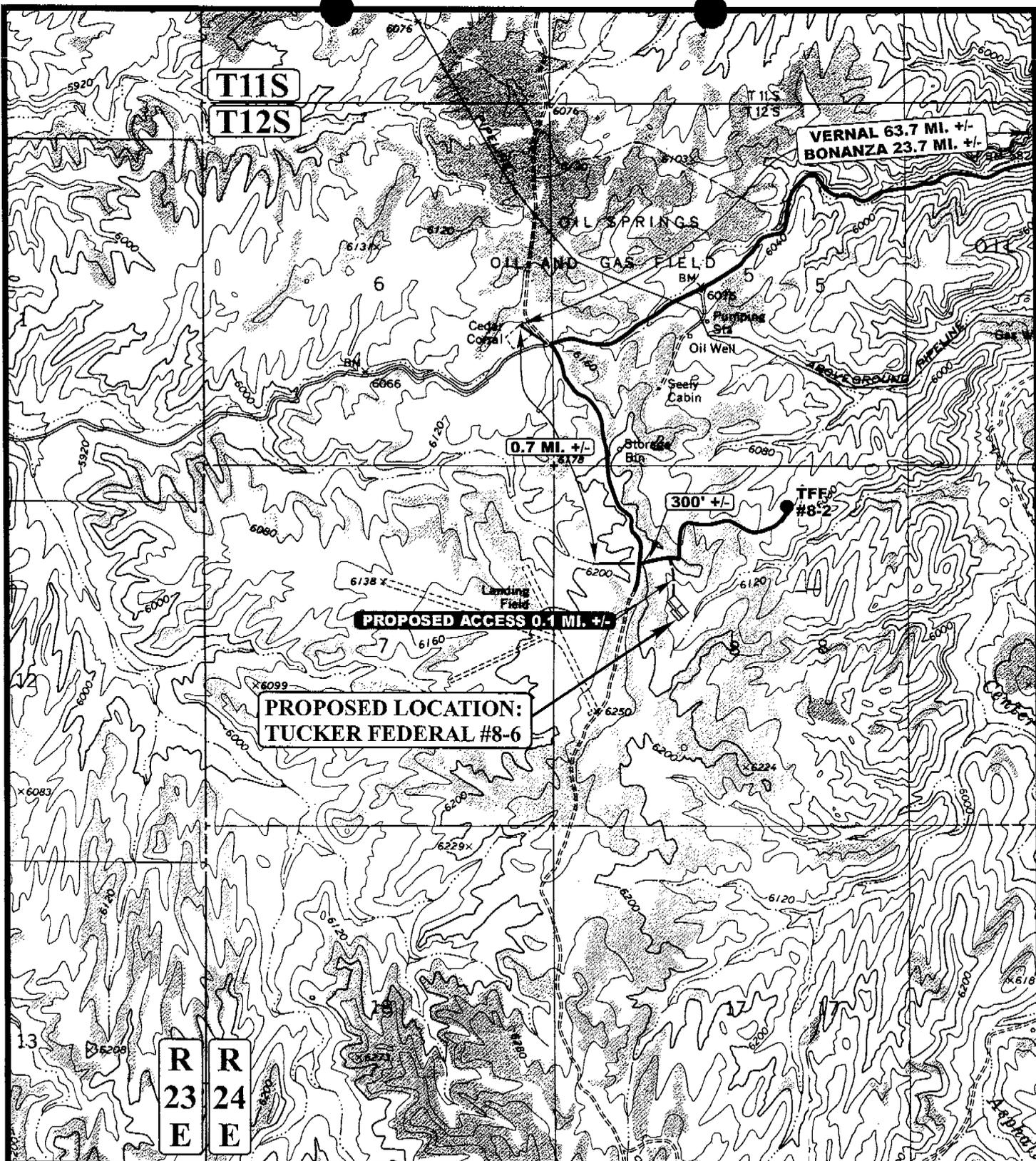
<b>CUT</b>	
(6") Topsoil Stripping	= 1,490 Cu. Yds.
Remaining Location	= 8,210 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 9,700 CU.YDS.</b>
<b>FILL</b>	<b>= 4,280 CU.YDS.</b>

\* NOTE:  
FILL QUANTITY INCLUDES  
5% FOR COMPACTION

Excess Material	= 5,420 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 2,880 Cu. Yds.
<b>EXCESS UNBALANCE (After Rehabilitation)</b>	<b>= 2,540 Cu. Yds.</b>

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





**T11S**  
**T12S**

**VERNAL 63.7 MI. +/-**  
**BONANZA 23.7 MI. +/-**

**0.7 MI. +/-**

**300' +/-**

**PROPOSED ACCESS 0.1 MI. +/-**

**PROPOSED LOCATION:  
TUCKER FEDERAL #8-6**

**R R**  
**23 24**  
**E E**

**LEGEND:**

- EXISTING ROAD
- - - - - PROPOSED ACCESS ROAD



**McELVAIN OIL & GAS PROP., INC.**

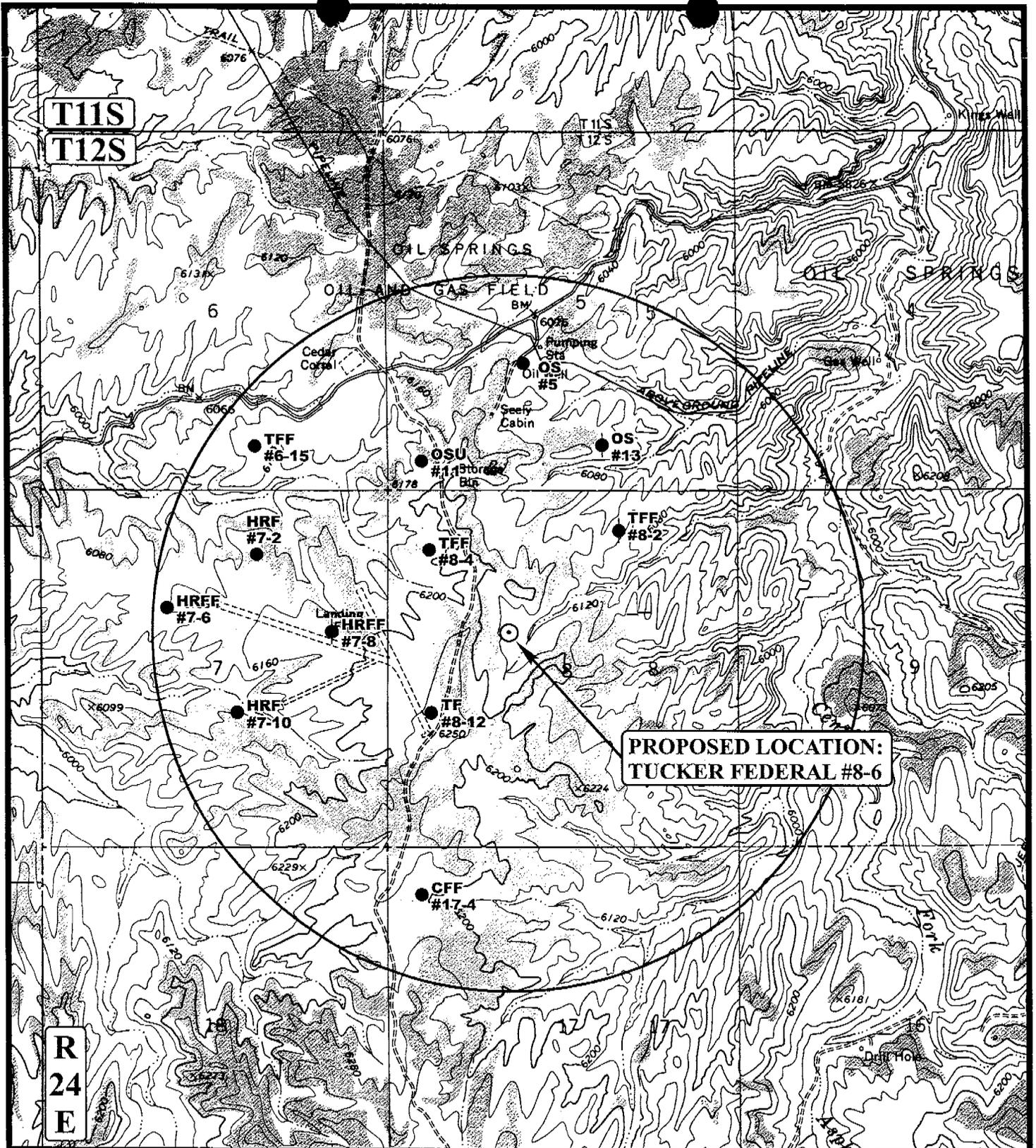
**TUCKER FEDERAL #8-6**  
**SECTION 8, T12S, R24E, S.L.B.&M.**  
**2078' FNL 1801' FWL**



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

**TOPOGRAPHIC** **03 08 05**  
**MAP** MONTH DAY YEAR  
SCALE: 1" = 2000' DRAWN BY: L.K. REV: 03-14-05 L.K.

**B**  
**TOPO**



**PROPOSED LOCATION:  
TUCKER FEDERAL #8-6**

**LEGEND:**

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

**McELVAIN OIL & GAS PROP., INC.**

**TUCKER FEDERAL #8-6  
SECTION 8, T12S, R24E, S.L.B.&M.  
2078' FNL 1801' FWL**

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



**TOPOGRAPHIC MAP**  
**03 08 05**  
 MONTH DAY YEAR  
 SCALE: 1" = 2000' DRAWN BY: L.K. REV: 03-14-05 L.K. **C TOPO**



*McELVAIN OIL & GAS PROPERTIES, INC.*

1050 17<sup>TH</sup> STREET  
SUITE 1800

DENVER, COLORADO 80265

E. REED FISCHER  
OPERATIONS ENGINEER  
E-MAIL: REEDF@MCELVAIN.COM

TELEPHONE 303/893-0933 EXT. 330  
FAX 303/893-0914

July 6, 2005

TO: Vernal Office of the Bureau of Land Management  
Utah Division of Oil, Gas & Mining

FROM: Reed Fischer

RE: Replacement Form 3160-3 and Replacement Pg. 4 of 13 Point Surface Use Plan  
Tucker Federal #8-6

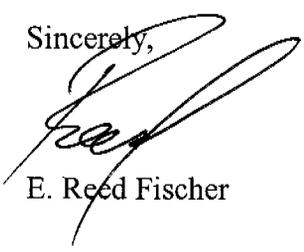
Dear Kirk and Carol:

I have enclosed a corrected BLM Form 3160-3 to indicate the "Type of Well" as a potential multiple zone gas well. This part 1b. of the form was inadvertently left blank on the form I sent yesterday.

Also, I have enclosed a replacement page for the 13 point surface use plan. This replacement page is page #4 of this surface use plan and corrects the proposed pipe line tie in location in section 4.B).

Sorry for the inconvenience.

Sincerely,

  
E. Reed Fischer

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JUL 28 2005  
DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		7. If Unit or CA Agreement, Name and No.
1b. Type of Well: <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		8. Lease Name and Well No. Tucker Federal # 8-6
2. Name of Operator McElvain Oil & Gas Properties, Inc.		9. API Well No. 43-047-36837
3a. Address 1050 - 17th Street, Ste. 1800 Denver, CO. 80265	3b. Phone No. (include area code) 303.893.0933	10. Field and Pool, or Exploratory Oil Springs
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface 1801' FWL & 2078' FNL (SENW) Sec. 8, T12S-R24E S.L.B. & M. At proposed prod. zone same (vertical well) 649250X 39.790977 4405802Y -109.256911		11. Sec., T., R., M., or Blk. and Survey or Area Sec. 8, T12S-R24E, S.L.B.&M.
14. Distance in miles and direction from nearest town or post office* 64 miles South-Southeast of Vernal, Utah		12. County or Parish Utah
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 1801' east of lease/unit line		17. Spacing Unit dedicated to this well 40.0 acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 1,335'		20. BLM/BIA Bond No. on file LPM 4138223 (nation-wide bond)
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 6,151' GL		22. Approximate date work will start* October 2005
		23. Estimated duration 20 Days Construction & Drilling

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- Well plat certified by a registered surveyor.
- A Drilling Plan.
- A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- Operator certification.
- Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature 	Name (Printed/Typed) E. Reed Fischer	Date 7/5/05
Title Operations Engineer		
Approved by (Signature) 	Name (Printed/Typed) BRADLEY G. HILL	Date 07-11-05
Title Oil	ENVIRONMENTAL SCIENTIST III	

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on reverse)

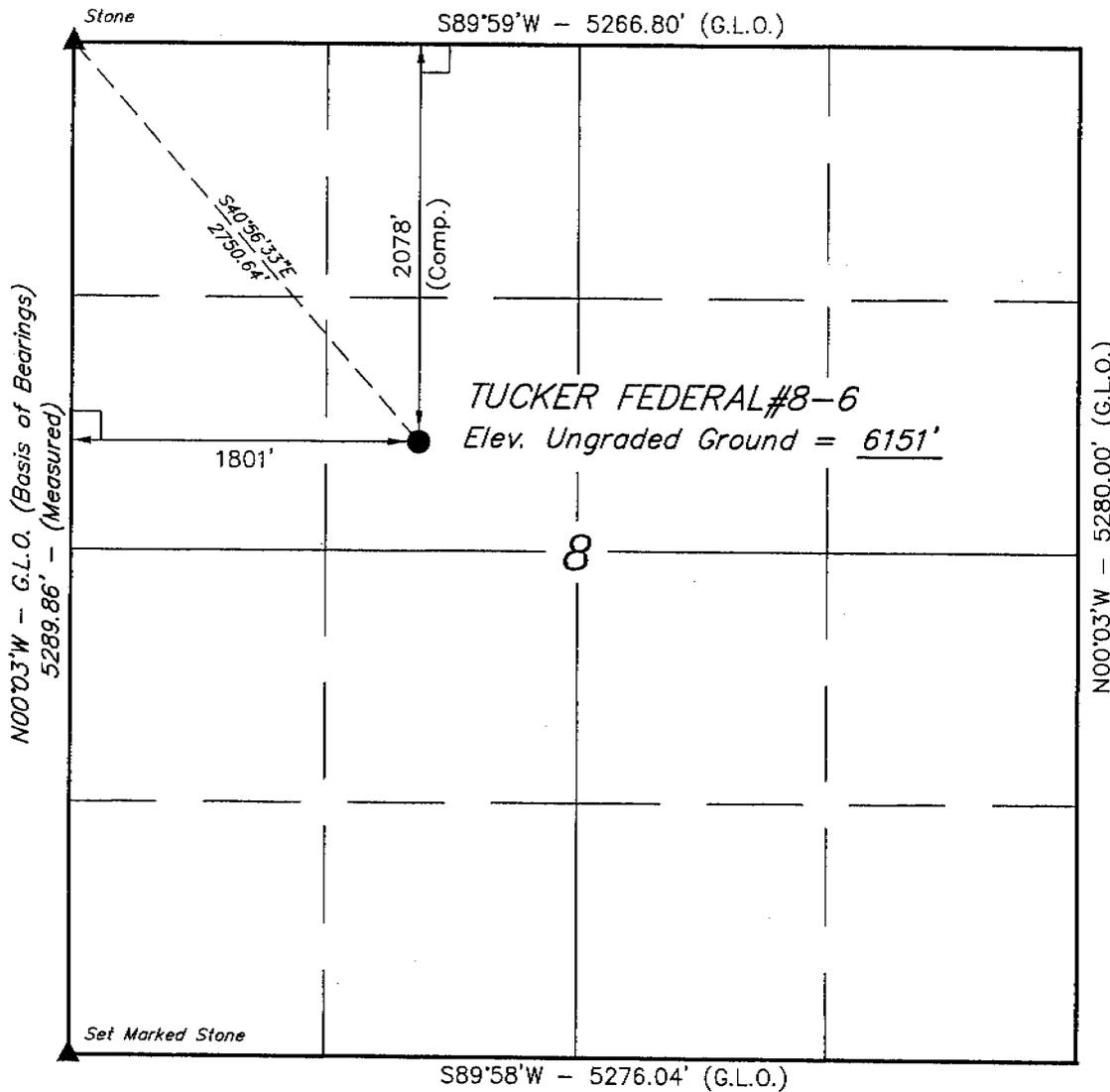
Federal Approval of this  
Action is Necessary

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JUL 0 / 2005  
DIV. OF OIL, GAS & MINING

# T12S, R24E, S.L.B.&M.

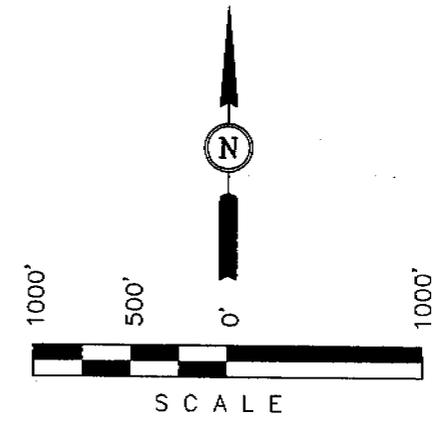
## MCELVAIN OIL & GAS PROP., INC.

Well location, TUCKER FEDERAL #8-6, located as shown in the SE 1/4 NW 1/4 of Section 8, T12S, R24E, S.L.B.&M. Uintah County, Utah.



### BASIS OF ELEVATION

BENCH MARK 88 EAM LOCATED IN THE SW 1/4 OF SECTION 6, T12S, R24E, S.L.B.&M. TAKEN FROM THE ARCHY BENCH SE, QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 6066 FEET.



### CERTIFICATE

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

*Robert Gray*  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 161319  
 STATE OF UTAH

Revised: 03-14-05 D.R.B.

### LEGEND:

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

(AUTONOMOUS NAD 83)  
 LATITUDE = 39°47'27.56" (39.790989)  
 LONGITUDE = 109°15'27.35" (109.257597)  
 (AUTONOMOUS NAD 27)  
 LATITUDE = 39°47'27.67" (39.791019)  
 LONGITUDE = 109°15'24.93" (109.256925)

<b>UNTAH ENGINEERING &amp; LAND SURVEYING</b>		
85 SOUTH 200 EAST - VERNAL, UTAH 84078		
(435) 789-1017		
SCALE 1" = 1000'	DATE SURVEYED: 03-04-05	DATE DRAWN: 03-08-05
PARTY S.H. L.M. D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE MCELVAIN OIL & GAS PROP., INC.	

G) Shut in well	Two (OS #13, CFF #17-4)
H) Injection well	None
I) Monitoring or observation well	None

Please see the attached map C for additional details.

**4. Location of tank batteries, production facilities, and production gathering service lines.**

A) Production Facility

All production facilities will be contained within the proposed location site. Please see the attached plan for a typical gas well equipment and pipe lay-out.

All permanent structures (on site for six month or longer), constructed or installed, will be painted a flat, non-reflective, earth-tone color to match one of the standard environmental colors. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

All tanks will be surrounded by a dike of sufficient capacity to contain the storage capacity of the largest tank in the battery. The integrity of the dike will be maintained.

If the well is capable of economic production, a gas gathering line will be required.

B) Gas Gathering Line

The Operator proposes to install approximately 1,250 feet of steel gas gathering line if an economic well is drilled and completed. Construction of the gathering line will start at the #8-6 well site location and head north along the eastern edge of the new access road before crossing the existing Tucker Federal #8-2 service road. The pipe line will then follow the #8-2 service road along its western side for approximately 800 feet until reaching the proposed tie-in point with an existing gathering line located in the NENW portion of Section 8, T12S-R24E.

Please see map D for gathering line location.

The gathering line will not require an off lease right-of-way.

The line will be a 3-4" steel line, depending on the anticipated well deliverability.

Max operating pressure will be 500 psi.

The operating temperature of the gathering system will reflect the daily ambient temperature of the area.

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JUL 08 2005

G) Shut in well	Two (OS #13, CFF #17-4)
H) Injection well	None
I) Monitoring or observation well	None

Please see the attached map C for additional details.

**4. Location of tank batteries, production facilities, and production gathering service lines.**

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

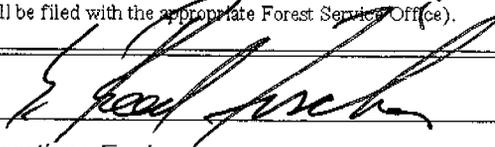
APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. <b>UTU - 70239</b>
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name
2. Name of Operator <b>McElvain Oil &amp; Gas Properties, Inc.</b>		7. If Unit or CA Agreement, Name and No.
3a. Address <b>1050 - 17th Street, Ste. 1800 Denver, CO. 80265</b>		8. Lease Name and Well No. <b>Tucker Federal # 8-6</b>
3b. Phone No. (include area code) <b>303.893.0933</b>		9. API Well No.
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface <b>1801' FWL &amp; 2078' FNL (SENW) Sec. 8, T12S-R24E S.L.B. &amp; M.</b> At proposed prod. zone <b>same (vertical well)</b>		10. Field and Pool, or Exploratory <b>Oil Springs</b>
14. Distance in miles and direction from nearest town or post office* <b>64 miles South-Southeast of Vernal, Utah</b>		11. Sec., T., R., M., or Blk. and Survey or Area <b>Sec. 8, T12S-R24E, S.L.B.&amp;M.</b>
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) <b>1801' east of lease/unit line</b>	16. No. of Acres in lease <b>640.0 acres</b>	12. County or Parish <b>Uintah</b>
17. Spacing Unit dedicated to this well <b>40.0 acres</b>	13. State <b>Utah</b>	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. <b>1,335'</b>	19. Proposed Depth <b>4,100 ft.</b>	20. BLM/BIA Bond No. on file <b>LPM 4138223 (nation-wide bond)</b>
21. Elevations (Show whether DF, KDB, RT, GL, etc.) <b>6,151' GL</b>	22. Approximate date work will start* <b>October 2005</b>	23. Estimated duration <b>20 Days Construction &amp; Drilling</b>

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- |   |  |
|---|--|
| 1. Well plat certified by a registered surveyor.  | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).    |
| 2. A Drilling Plan.   | 5. Operator certification.   |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature: 	Name (Printed/Typed) <b>E. Reed Fischer</b>	Date <b>7/5/05</b>
Title <b>Operations Engineer</b>		
Approved by (Signature)	Name (Printed/Typed)	Date
Title	Office	

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  
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\*(Instructions on reverse)

RECEIVED  
JUL 08 2005  
DIV. OF OIL, GAS & MINING

## Ten Point Plan

McElvain Oil & Gas Properties, Inc.

Tucker Federal # 8-6

Surface Location SE ¼, NW ¼, Section 8, T12S-R24E, SLB&M  
Uintah County, Utah

### 1. Surface Formation

Uintah

### 2. Estimated Formation Tops and Datum

(Datum Assumes 10' KB above ungraded GLE of 6,151' from sea level = 6,161' KB)

<u>Formation</u>	<u>Top @ Drill Depth</u>	<u>Datum</u>	<u>Anticipated Fluids</u>
Uintah	Surface	+6161' KB	
Green River	336'	+5825' KB	
Uteland Butte	2336'	+3825' KB	
Wasatch	2436'	+3725' KB	Gas, Water
Mesaverde	4036'	+2125' KB	Gas, Water
Estimated TD	4100'	+2061' KB	

Potential formation objectives include the Green River, Uteland Butte, Wasatch and Mesaverde. Primary objectives will be the Wasatch and Mesaverde.

### 3. BOP and Pressure Containment Data

Formation pressures are anticipated to be normally or slightly under-pressured with a maximum bottom hole pressure of slightly less than 1,800 psi (pressure gradient of less than 0.435 psi/ft).

A 2000-psi WP BOP system, as described in 43 CFR 3160 "Onshore Oil and Gas Order #2" will be utilized. The system will consist of a 2,000 psi double ram preventer with one blind and one pipe ram. The system may, depending on the drilling rig's substructure clearance, utilize an annular preventer above the rams, but the annular preventer would only be utilized in conjunction with the double rams. A rotating head may be installed above the annular preventer. Please refer to the attached BOP diagram for the double ram configuration. The choke and kill lines will be a minimum diameter of 2 inches, and the choke manifold will have a 2,000 psi or higher pressure rating. The BOP system, including the surface casing, will be pressure tested following initial installation and prior to drill-out of the surface casing. Pressure tests will be conducted to the minimum standards set forth in "On Shore Order #2". The BOP will be mechanically checked daily during the drilling operation.

#### 4. Proposed Hole, Casing and Cementing Data

##### Hole & Casing Configuration

<u>Hole Size</u>	<u>Hole Interval</u>	<u>Casing Size</u>	<u>Setting Depth</u>	<u>Casing New/Used</u>
12 ¼"	0 - 320'	9 5/8"	300'	New
7 7/8"	320 - TD	4 ½"	T.D.	New

##### Casing Properties

<u>Csg Size</u>	<u>Csg Wt./Ft</u>	<u>Csg Grade</u>	<u>Csg Thread</u>	<u>Csg Collapse</u>	<u>Csg Burst</u>	<u>Csg Tensile</u>
9 5/8	32.3	H-40	ST&C	1,400 psi	2,270 psi	254,000#
4 ½	11.6	J-55	LT&C	4,960 psi	5,350 psi	162,000#

If used, conductor pipe will be set at approximately 40 and have a 14" minimum outside diameter.

##### Cement Program

<u>Casing Size</u>	<u>Cement Type</u>	<u>Cement Amount</u>	<u>Cement Yield</u>	<u>Cement Weight</u>
9 5/8"	Premium + 2% CaCL + 0.25 lb/sk. Cello Flake.	160 sacks	1.18 cf/sk	15.6 lbs/gal

*Above surface casing cement volume based upon 75-100% excess for cement to surface*

4 ½"	<u>Lead</u> (2000'-surface) Premium + 16% Gel + 1% Econolite + 5#/sk Gilsonite + 1.5#/sk Granulite + 0.25#/sk Flocele + 3% Salt	150 sacks	3.81 cf/sk	11.0 lbs/gal
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	<u>Tail</u> (TD to 2000') Premium-AG + 2% Gel + 0.5% Halad(R)-9 + 0.3% CFR-3 + 2% Microbond + 0.1% Super CBL	400 sacks	1.52 cf/sk	14.2 lbs/gal
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*Above cement volumes based upon 25% excess, or if accurate caliper log obtained, 15% excess for cement to surface.*

*A stage tool may be run if drilling conditions indicate a two stage job is warranted or if favorable mud log shows and elog responses indicate potential pay in the Uteland Butte or Green River Formation.*

### Float Equipment & Centralizers

Surface casing will be single staged with guide shoe, 1 joint casing, baffle. A minimum of 3 bow spring centralizers will be run on bottom as follows: Center of shoe joint, top of 1st casing connection & top 2nd casing connection.

Production casing will be single staged with float shoe, 1 joint casing, float collar. A minimum of 3 centralizers will be run on bottom plus additional centralizers run through potential pay zones in the tail cement interval.

### 5. Mud Program

<u>Interval</u>	<u>Mud Type</u>	<u>Mud weight lbs./gal.</u>	<u>Viscosity Sec./Qt.</u>	<u>Fluid Loss ML/30 Min.</u>
0 - 320'	Air & Mist			No Control
320 - 1,800'	Water	8.4 - 8.8	28 - 36	No Control
1,800 - 4,100' (TD)	Water/Gel	8.8 - 9.4	32 - 42	8 - 10

*Unless hole conditions dictate otherwise, mud-up is anticipated to start approximately 500' above the Uteland Butte formation.*

### 6. Testing, Coring, Sampling and Logging Program

- a) Test: None are anticipated.
- b) Coring: There is the possibility of sidewall coring.
- c) Sampling:

Mud loggers will be scheduled for call-out following drill-out of the surface casing. The rig-up of gas detection equipment and recovery of cuttings samples will start at the bottom of the Green River formation at approximately 2,000' drill depth. Initially, a 30 foot sampling frequency will be scheduled. Depending on drill rates and shows, and at geologist's discretion, sampling frequency may be increased to 10 foot intervals.

- d) Electric Logging:

<u>Type</u>	<u>Interval</u>
Array Induction-Gamma Ray-SP-Caliper	TD to Surface Casing
Density-Neutron-Gamma Ray-SP-Caliper	TD to Surface Casing
Cement Bond Log-Gamma Ray	PBTD to Top of Cement

## 7. Abnormal Conditions

Oil and gas shows are anticipated but no abnormal pressures, temperatures or other hazards are anticipated. Other wells drilled in the area have not encountered H<sub>2</sub>S. Anticipated formation pressures are expected to be "normally pressured" (0.435 psi/ft) or slightly under-pressured with a maximum bottom hole pressure of slightly less than 1,800 psi. Maximum anticipated surface pressure equals approximately 900 psi (Normal pressure gradient less partially evacuated hole times depth: 0.435 psi/ft – 0.22 psi/ft x 4,100' TD = 882 psi).

## 8. Anticipated Starting Date & Drilling Schedule

Location building and well spud is anticipated within 120 days of McElvain's receipt of an approved drilling permit and conditioned upon lease wildlife stipulations. Duration of location construction, drilling & completion operations is expected to be approximately 40 aggregate days comprised of 7 construction days, 2 move-in/rig-up days, 10 drilling days, 2 rig-down/move-out days, 1 location prep day, 12 completion & testing days & 5 battery construction days.

## 9. Variances

Operator requests a variance to regulations requiring a straight run blooie line (when possible, a straight run blooie line will be used).

Operator requests a variance to regulations requiring an automatic igniter or continuous pilot light on the blooie line.

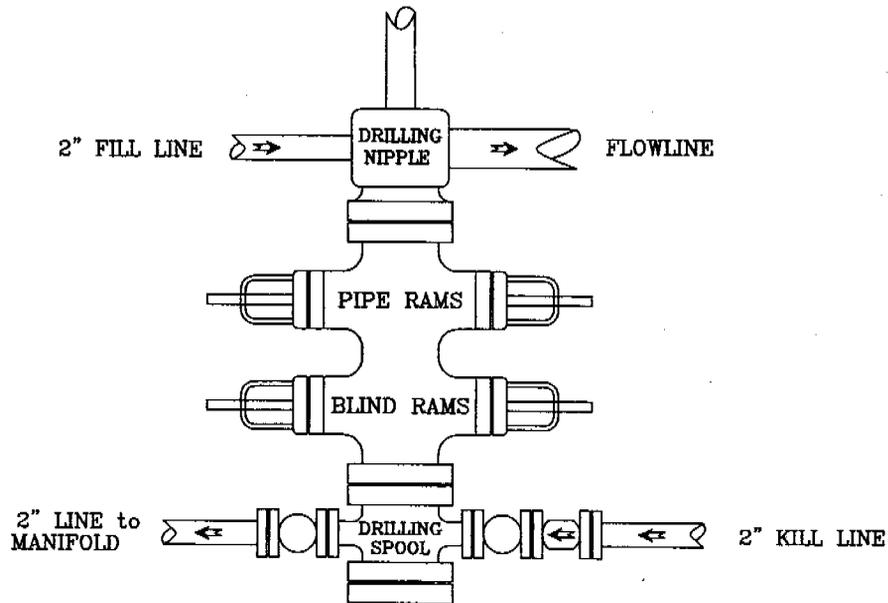
In order to reduce location excavation and surface disturbance, Operator requests a variance to regulations requiring the blooie line be 100' in length. Operator requests approval to utilize a 75' blooie line.

## 10. Other

A Cultural Resource Inventory Report for the well pad, access road and pipe line is attached. The archaeological survey was conducted by Sagebrush Consultants, LLC and their report #1397 indicates that "no cultural resources were located during this inventory".

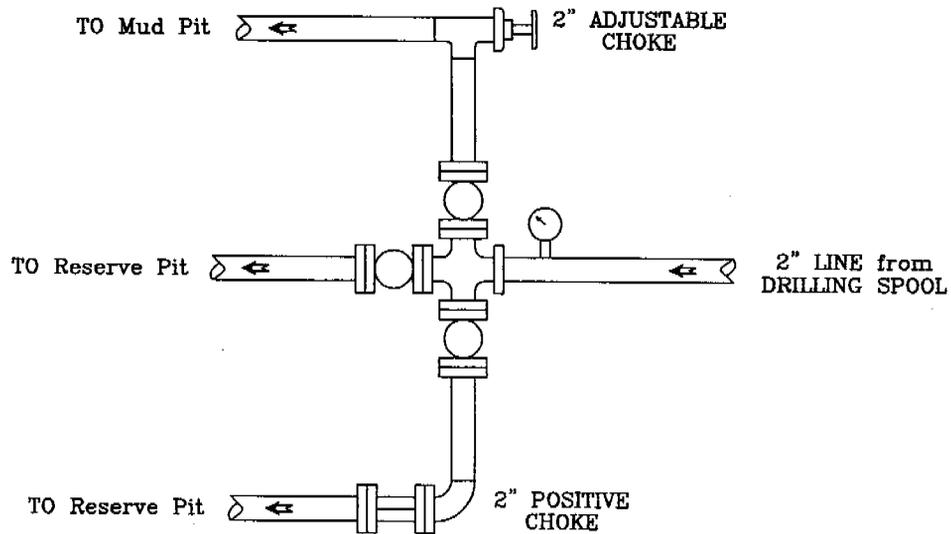
# PRESSURE CONTROL

## Wellhead Assembly



Preventer and Spools are to have a  
9" Bore or larger and a 2000 PSI  
or higher Pressure Rating

## Choke Manifold



*McElwain Oil & Gas Properties, Inc.*

Tucker Federal #8-6

**McELVAIN OIL AND GAS PROPERTIES, INC.**

**13 POINT SURFACE USE PLAN**

**TUCKER FEDERAL #8-6**

**SE ¼ NW ¼**

**SEC. 8, T12S-R24E, S.L.B.&M.**

**UINTAH COUNTY, UTAH**

**LEASE NUMBER: UTU-70239**

**SURFACE MANAGER/OWNER:**

**BUREAU OF LAND MANAGEMENT**

## 1. Existing Roads

To reach the proposed well, the Tucker Federal #8-6 in Section 8, T12S-R24E:

Starting in Vernal, Utah

Proceed East and southeast from Vernal on Highway 40 to Highway 45 at Naples, Utah where a sign indicates the direction to Bonanza Power Plant.

Right (south)  $\pm$  36 miles on Highway 45 to Bonanza, Utah.

Proceed south (past Bonanza and White River) on Highway 45 an additional  $\pm$  5 miles to mile marker "0".

Left (southeast) at mile marker "0" on gravel road. BLM sign indicates this is the access road leading to "Rainbow Junction" and "Baxter Pass" (Uintah Cnty Rd # 4180)

Proceed south/southeast on gravel road approximately 3.7 miles to a "Y" in the road at sheep corrals known as the "Greek" corrals.

Right at the "Y" by the "Greek" corrals towards Atchee Ridge and Rainbow (Uintah Cnty Rd #4190).

Proceed  $\pm$  8.5 miles to a junction.

Left at the junction towards "King's Well" and "Rainbow" (continue on Rd #4190)

Proceed only  $\pm$  0.6 miles to another junction.

Right at junction towards "Kings Well" and head southwest (continue on Rd #4190)

Proceed  $\pm$  7.0 miles on "Kings Well" road to an intersection just before the sheep corrals known as the "Cedar Corrals".

Left at intersection and head south past sheep camp known as "Seeley's Cabin" approximately 0.75 mile to the junction of this road and an oil and gas lease road angling in from the east.

Left on lease road and head east approximately 300' to the beginning of the proposed access road.

Right at proposed access road and head south approximately 450' into the proposed Tucker Federal #8-6 location.

Total distance from Vernal, Utah to the proposed well is approximately 64 miles.

All existing roads from Vernal, Utah to the "Seeley's Cabin" road are State or County Class D roads.

Anticipated road up-grading and new road construction will occur on approximately 450 feet of access road adjoining and lying immediately north of the proposed location.

Please see the attached map B for additional details.

## 2. Planned access road

The proposed location will require approximately 450 feet of new road construction.

The new road will be built to the following standards:

A) Approximate length	450 Ft.
B) Right of Way width	30 Ft.
Running Surface	18 Ft.
C) Maximum grade	< 5%
D) Turnouts	None
E) Major cuts and fills	None
F) Culvert	None
G) Surfacing material	Native Soil
H) Fence crossing	None
I) Road flagged	Yes
J) Access road surface manager/owner	BLM
K) Pipe line crossing	None
L) Stream crossings	None
M) All new construction on lease	Yes

Please see the attached location Map B for additional details.

Access roads and surface disturbing activities will conform to standards outlined in the Bureau of Land Management and Forest Service publication: Surfacing Operating Standards for Oil and Gas Exploration and Development, 1989. This is also referred to as the Gold Book.

The road will be constructed to meet the standards of the anticipated traffic flow and all-weather road requirements. Construction shall include ditching, draining, graveling, crowning, and capping the road bed, as necessary, to provide for a well-constructed safe road. Prior to construction, the road shall be cleared of any snow cover and allowed to dry completely. Travel off the 30 foot right-of-way will not be allowed. Road drainage crossings shall be of the typical dry creek drainage crossing type (unless specified differently). Crossings will be constructed so they will not cause "silt-up" or accumulation of debris in the drainage crossing, nor shall the drainages be blocked by the roadbed. Erosion of the drainage ditches by runoff water shall be prevented by diverting water at frequent intervals by utilizing cutouts. Up grading will not be constructed during muddy conditions. Should mud or dust holes develop, they will be filled in and detours around them avoided.

### 3. Location of existing wells

The following wells are located within a one mile radius of the location site.

A) Water well	None
B) Abandoned well	None
C) Temp. abandoned well	None
D) Disposal well	None
E) Drilling/Permitted well	None
F) Producing well	Ten

G) Shut in well	Two (OS #13, CFF #17-4)
H) Injection well	None
I) Monitoring or observation well	None

Please see the attached map C for additional details.

**4. Location of tank batteries, production facilities, and production gathering service lines.**

A) Production Facility

All production facilities will be contained within the proposed location site. Please see the attached plan for a typical gas well equipment and pipe lay-out.

All permanent structures (on site for six month or longer), constructed or installed, will be painted a flat, non-reflective, earth-tone color to match one of the standard environmental colors. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

All tanks will be surrounded by a dike of sufficient capacity to contain the storage capacity of the largest tank in the battery. The integrity of the dike will be maintained.

If the well is capable of economic production, a gas gathering line will be required.

B) Gas Gathering Line

The Operator proposes to install approximately 1,250 feet of steel gas gathering line if an economic well is drilled and completed. Construction of the gathering line will start at the #8-6 well site location and head north along the eastern edge of the new access road before crossing the existing Tucker Federal #8-2 service road. The pipe line will then follow the #8-2 service road along its western side for approximately 800 feet until reaching the proposed tie-in point with an existing gathering line located in the NENW portion of Section 8, T11S-R23E.

Please see map D for gathering line location.

The gathering line will not require an off lease right-of-way.

The line will be a 3-4" steel line, depending on the anticipated well deliverability.

Max operating pressure will be 500 psi.

The operating temperature of the gathering system will reflect the daily ambient temperature of the area.

At this time, there are no plans for on-site compression or pumping stations.

The gathering line will not be hydrostatically tested.

The pipe line will be laid and utilized above ground. The pipe line will be removed when there is no continuing need for this gathering line. Prior to removing the line, an onsite will be held with the BLM to insure that the removal and reclamation will conform to all applicable BLM regulations and requirements.

There will be no additional surface disturbances required for the installation of a gathering line. The pipeline will be welded together and pulled from the well-site location and tie-in points when practical, although it will likely be necessary to utilize small segments of the access road for some of the pipe line welding. The line will then be boomed off to the side of the road.

A gas meter will be located within 500' of the well head. The gas line will be buried or anchored down from the well head to the meter. Meter runs will be housed and/or fenced.

The gas meter will be calibrated and the production tank(s) strapped in place prior to any sales deliveries from the well. All measurement facilities will conform to API (American Petroleum Institute) and AGA (American Gas Association) standards for gas and liquid hydrocarbon measurement.

#### **5. Location and type of water supply**

Water for drilling and cementing the subject well will fresh water and will be trucked by contractor Tu & Frum, Inc. Depending on road conditions, water will be trucked from: Rose Wood Resources flowing water well, Well #5A, in Section 24 T11S-R23E, water permit number 49-1547, and/or Willow Creek, 30 miles southwest of Vernal in Sec. 29, T12S-R21E, permit #T-75377, and/or the White River in Sec. 23, T10S-R23E, permit #T-75517. Completion water will come from the same supply or from the City of Vernal, Utah.

#### **6. Source of construction materials**

All construction material for this location site and access road shall be borrowed material accumulated during construction of the location site and access road. Additional road gravels or pit lining material will be obtained from private sources.

#### **7. Methods for handling waste disposal**

A) Pit construction and liners:

The reserve pit will be approximately 8 to 10 feet deep and most of the depth shall be below the surface of the existing ground. Please see the attached plat for details.

The reserve pit will not be lined unless the pit is blasted or soil conditions warrant a pit liner.

If a plastic liner is required by the BLM or used by the operator, it will be a nylon reinforced liner. It will be a minimum of 12 mil thickness with sufficient bedding (i.e. weed free straw or hay, felt, or soil) to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rock to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit.

The pit will be used to hold non-flammable materials such as drilling make-up water, drill cuttings, salt, drilling fluids, chemicals, produced fluids, etc.

B) Produced fluids

Produced water will be confined to the reserve pit, or if deemed necessary, a steel storage tank will be utilized for water storage for a period not to exceed 90 days after initial production. Produced water accumulated after the initial production and testing period will be stored in steel tank(s) before truck removal to an authorized disposal pit or injection well.

C) Garbage

A trash cage fabricated from expanded metal will be used to hold trash on location. All trash will be removed to an authorized landfill location.

D) Sewage

A portable chemical toilet will be supplied for human waste during the drilling operation.

E) Site clean up

After the drilling and the completion rig is moved off the location, the well site area will be cleaned and all refuse removed.

F) Hazardous Material Statement

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing or completion of the 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, testing or completion of the well.

## 8. Ancillary facilities

There are no ancillary facilities planned at this time and none are foreseen in the future.

## 9. Well-site layout and location

The proposed location has been staked at 2,078' FNL & 1,801' FWL of Section 8, T12S-R24E.

### Well-site layout

Location dimensions are as follows:

A) Pad length	345 ft	G) Max fill	8.0 ft
B) Pad width	160 ft	H) Total cut yards	9,700 cu. yds.
C) Pit depth	8 – 10 ft	I) Pit location	Southwest
D) Pit length	150 ft	J) Top soil locations	corner C, D & 6
E) Pit width	70 ft	K) Access road location	North side
F) Max cut	17.9 ft	L) Flare pit	Corner C

Please see the attached location diagram for additional details.

The reserve pit will be fenced on three sides during drilling operations. The fourth side will be fenced when the drilling rig is removed from the location. The fence will be maintained until clean-up.

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

- A) Thirty-nine inch net wire shall be used with at least one strand of barb wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.
- B) The net wire shall be no more than 2 inches above the ground. The barbed wire shall be 3 inches above the net wire. Total height of the fence shall be at least 42 inches.
- C) Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.
- D) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than 16 feet.

- E) All wire shall be stretched by using a stretching device before it is attached to the corner posts.

#### 10. Plans for restoration of the surface

Prior to construction of the location, the top 6 inches of soil material will be stripped off the location and the pit area. This stripped top soil will amount to approximately 1,490 cubic yards of material. Topsoil will be stockpiled in two adjoining piles. Placement of the topsoil is noted on the attached location plat. The stock piled topsoil will be seeded with the seed mix dictated by the BLM. When all drilling and completion activities have been completed and the pit back-filled, the topsoil from the pit area will be spread on the pit area. The pit area will be seeded when the topsoil has been spread. The unused portion of the location (the area outside the dead men) will be re-contoured.

The dirt contractor will be provided with an approved copy of the surface use plan prior to construction activities.

##### A) Producing location

Following the back-fill of the reserve pit, the natural drainage pattern shall be restored, as nearly as practical, to its original line of flow .

All disturbed areas will be re-contoured to the approximate natural contours. Prior to back filling the pit, the fences around the reserve pit will be removed.

The reserve pit will be reclaimed within 90 days of well completion. If the reserve pit has not dried sufficiently to allow for proper back filling, the Operator will submit a request for an extension of time. Once initiated, reclamation activities will completed within 30 days, weather conditions permitting.

If a reserve pit utilizes a liner, the liner shall be turned down below ground level and perforated before the pit is backfilled.

After the reserve pit has been reclaimed, no depressions in the soil covering the reserve pit will be allowed. The objective is to keep seasonal rainfall and runoff from seeping into the soil used to cover the reserve pit. Diversion ditches and water bars will be used to divert runoff as needed.

When restoration activities have been completed, the location site shall be reseeded. Prior to reseeding, all disturbed areas will be scarified and left with a rough surface.

##### a) Seeding dates

Seed will be spread when the topsoil is stock piled and when reclamation work is performed.

b) Seed mix

The seed mix utilized in the soil reclamation will be in the amounts, and of the type specified by the BLM in their "Conditions of Approval".

B) Dry hole/Abandoned location

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

**11. Surface Manager/Owner**

Location	Bureau of Land Management
Access road	Bureau of Land Management
Pipeline	Bureau of Land Management

**12. Other information**

A) Vegetation

The vegetation coverage is slight. The predominant existing vegetation consists of sage brush.

B) Dwellings

A "sheep camp" is located approximately ¼ mile to the north of the proposed location and contains approximately 3 storage structures, and depending on the time of year 2 to 3 temporary trailer living quarters.

C) Archeology

A cultural resource inventory survey was conducted on the proposed well-site location, access road and pipe line route. A copy of this report, entitled Sagebrush Report No. 1397, is included with this APD, and two copies of this report were sent to Blaine Phillips with the Vernal BLM in April 2005.

During any operations, if archaeological or historical sites, or any objects of antiquity (subject to the antiquities act of June 8, 1906) are discovered, all operations which would affect such sites or objects will be suspended and the BLM will be immediately notified.

## D) Water

The nearest live water is Evacuation Creek,  $\pm$  7.5 miles north-east of the proposed location.

## E) Chemicals

No pesticides, herbicides or other possible hazardous chemicals will be used without AO approval.

## F) Notifications

The Bureau of Land Management will be notified as follows

- a) Location construction  
At least 48 hours prior to construction of location and access roads
- b) Location completion  
24 hours prior to moving the drilling rig on location.
- c) Spud notice  
At least 24 hours prior to well spud.
- d) Casing string and cementing  
At least 24 hours prior to running casing and cementing all casing strings.
- e) BOP and related equipment tests  
At least 24 hours prior to initial pressure tests.
- f) Abandonment – Newly Drilled Dry Holes and/or Hole Failures  
At least 24 hours prior to start of abandonment operations. In certain situations, Operator may be unable to provide 24 hour advance notice, but in all situations, Operator will receive abandonment orders from the BLM prior to the actual commencement of abandonment operations.
- g) First production notice  
Within 5 business days after the new well begins, or production resumes after well has been off production for more than 90 days.
- h) Completion and Re-completion Operations  
At least 24 hours prior to moving the rig on location.
- i) State of Utah Division of Oil, Gas, and Mining (DOGGM) Notifications  
Within 24 hours of well spud, Operator will notify DOGGM at 801.538.5284. Prior to commencement of operations to plug and abandon the well, Operator will notify DOGGM at 801.538.5338.

## G) Flare pit

The flare pit will be located in corner C of the reserve pit and outside the pit fence on the south side of the location. All fluids will be removed from the flare pit within 48 hours of occurrence.

## H) Wildlife Stipulations

Wildlife stipulations and possible activity restrictions will be detailed in the "Conditions of Approval" received with an approved Permit to Drill. Operator will comply with these wildlife "conditions of approval".

## I) Onsite

Onsite Date: Friday, April 15, 2005

## Onsite attendants

Stan Olmstead	BLM
Reed Fischer	McElvain Oil & Gas
Ivan Sadlier	McElvain Oil & Gas

**13. Lessees or Operator's representative(s) and certification**

## A) Representatives

Reed Fischer	Ivan Sadlier
Operations Engineer	Production Foreman
1050 – 17 <sup>th</sup> Street, Ste. 1800	P.O. Box 985
Denver, CO. 80265	Vernal, UT. 84078
Off. 303.893.0933 xtn 330	Cell #1: 435.828.0284
Fax. 303.893.0914	Cell #2: 435.828.0282
Cell. 303.981.2921	
E-Mail. <a href="mailto:reedf@mcelvain.com">reedf@mcelvain.com</a>	<a href="mailto:sadlier@easilink.com">sadlier@easilink.com</a>

McElvain Oil & Gas Properties, Inc. is considered to be the operator of the subject well. McElvain Oil & Gas Properties, Inc. agrees to be responsible under the terms and conditions of the lease for operations conducted upon the leased premises.

## B) Certification

All lease operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, and approved "Plan of Operation", and any applicable "Notice to Lessees".

The operator will be fully responsible for the actions of its subcontractors. A copy of these conditions will be furnished to the field representatives to ensure compliance.

Bond coverage for the lease activities is being provided by McElvain Oil & Gas Properties' BLM Nationwide Bond #LPM4138223.

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 and belief, true and correct, and that the work associated with the operation proposed herein will be performed by McElvain Oil and Gas Properties, Inc. and its contractors and subcontractors in conformity with this plan and terms and conditions with this plan and the terms and conditions under which it is approved.

Date 7/5/05

McElvain Oil & Gas Properties, Inc.



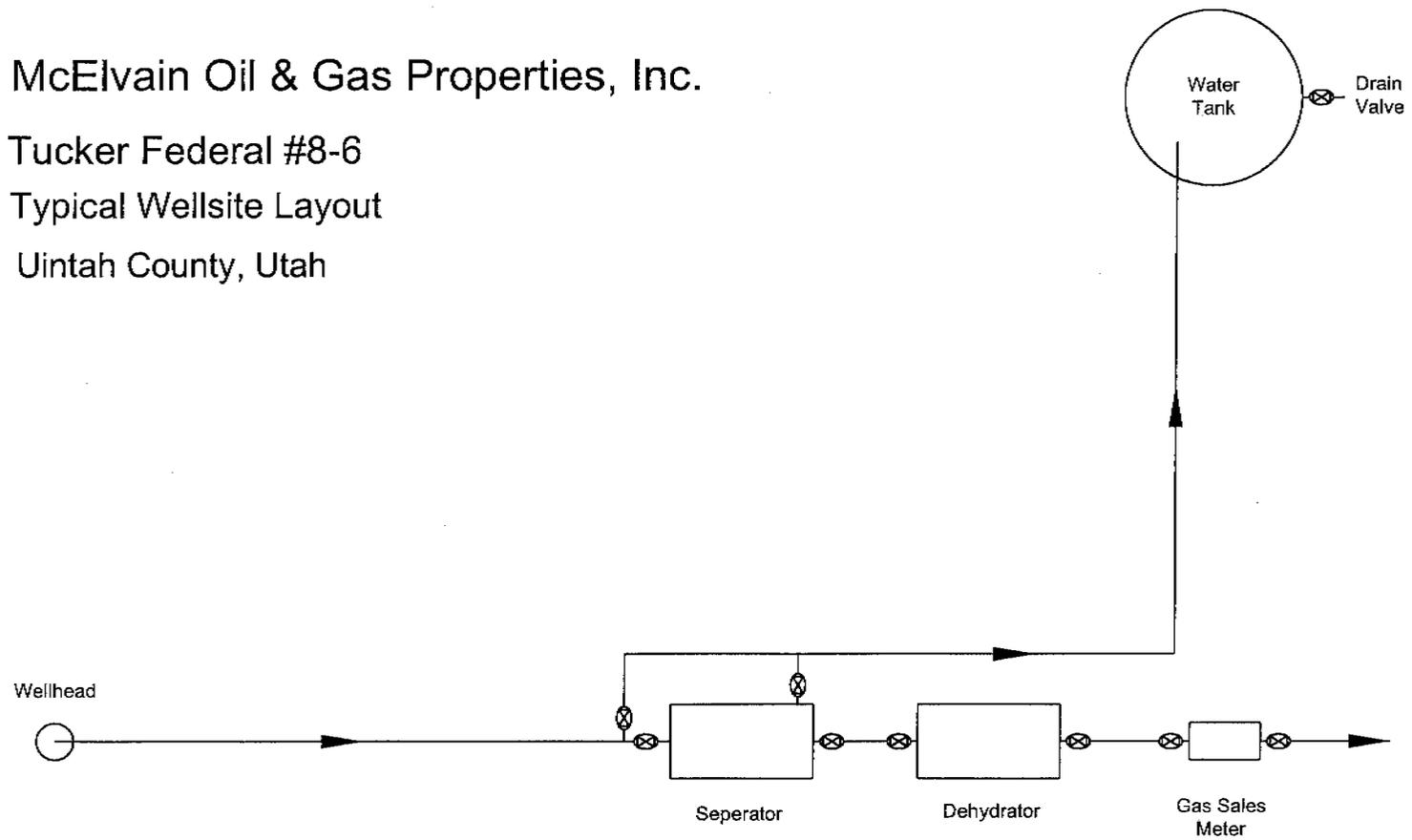
E. Reed Fischer  
Operations Engineer

McElvain Oil & Gas Properties, Inc.

Tucker Federal #8-6

Typical Wellsite Layout

Uintah County, Utah



**A CULTURAL RESOURCE INVENTORY OF  
TUCKER FEDERAL #8-6 WELL, ACCESS ROAD AND PIPELINE,  
UINTAH COUNTY, UTAH**

by

Sandy Chynoweth Pagano  
Assistant Archaeologist

Prepared for:

McElvain Oil & Gas Properties, Inc.  
1050 17th Street, Suite 1800  
Denver, Colorado 80265

Prepared by:

Sagebrush Consultants, L.L.C.  
3670 Quincy Avenue, Suite 203  
Ogden, Utah 84403

Under the Authority of Cultural Resource Use Permit No. 04UT54630

and

Under the Authority of Utah State Antiquities Permit No. U-05-SJ-0217b

Cultural Resource Report No. 1397

April 6, 2005

## INTRODUCTION

In February 2005, Rocky Mountain Consulting, Inc., of Vernal, Utah (RMC) requested that Sagebrush Consultants, L.L.C. (Sagebrush), on behalf of the McElvain Oil and Gas Properties, Inc., conduct a cultural resource inventory of the Tucker Federal #8-6 well and its associated access road and pipeline, in Uintah County, Utah. The purpose of this inventory is to identify cultural resource sites within the proposed project area.

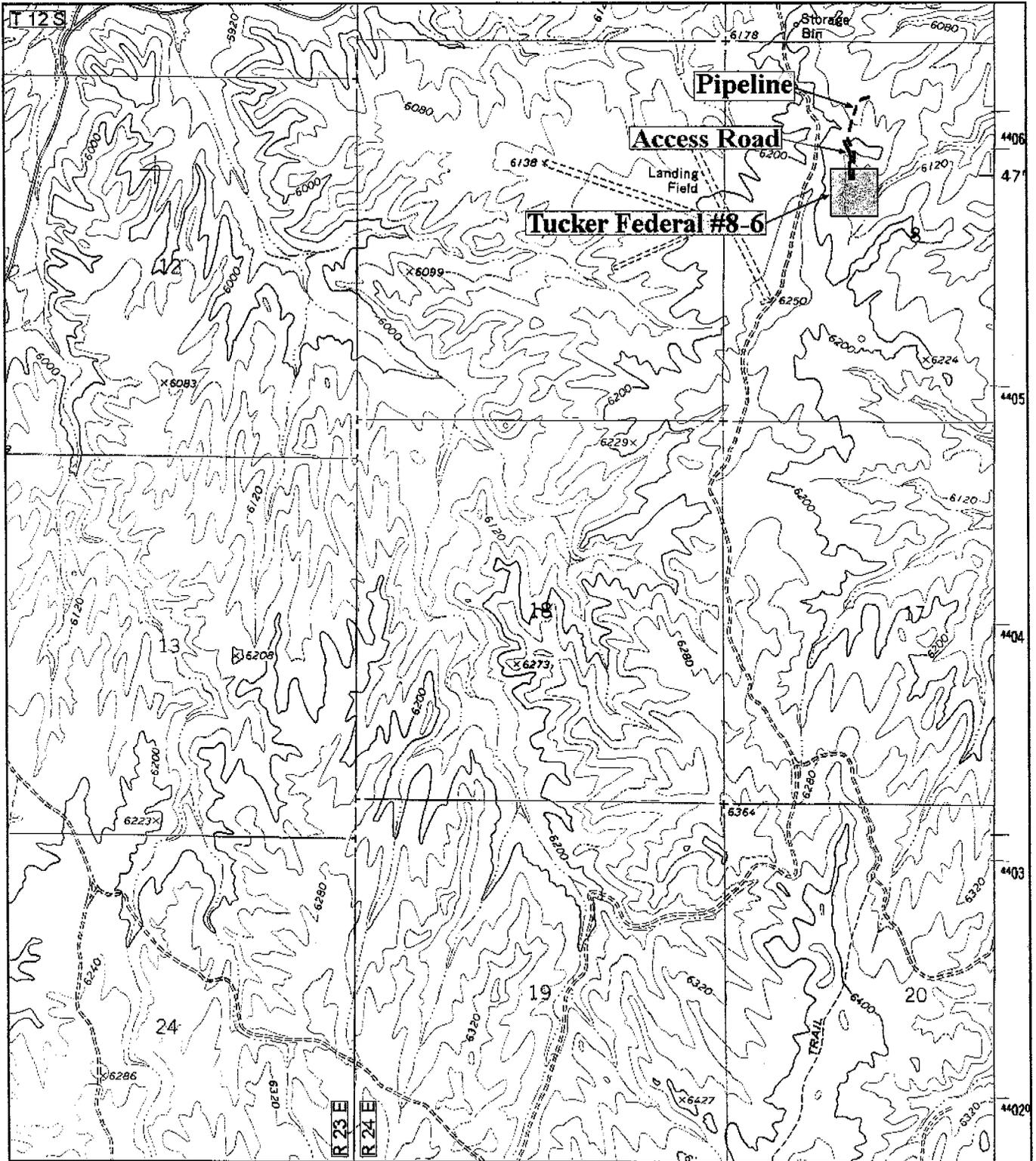
The proposed well location and its associated access road and pipeline is located in T. 11S., R. 24E., S. 8 on USGS 7.5' Quadrangle Archy Bench SE, Utah (1968; P.R. 1987) (Figure 1). Footages for Tucker Federal #8-6 are 2078' FNL and 1801' FWL. The well pad and its associated access road and pipeline lie on lands administered by the Bureau of Land Management (BLM), Vernal Field Office. The cultural resource survey was done by Michael R. Polk and Andrew Williamson on March 23, 2005 under the authority of Cultural Resource Use Permit No. 04UT54630 and Utah State Antiquities Permit No. U-05-SJ-0217b.

Prior to conducting fieldwork, a GIS file search for previously recorded cultural resource sites and projects conducted near the current project was completed through Kristen Jensen, of the Antiquities Section, Division of State History, Utah Historic Preservation Office (SHPO), in Salt Lake City, on February 16, 2005. This file search was updated on March 31, 2005. Angela Garrison, of Sagebrush, conducted a file search at the SHPO on January 15, 2005. An additional agency file search was conducted by Angela Garrison and Jamie Morrison of Sagebrush on February 11, 2005 at the BLM, Vernal Field Office, in Vernal and updated by Michael R. Polk and Andrew Williamson on March 23, 2005. Sagebrush personnel also reviewed General Land Office (GLO) plat maps located in the Public Room of the BLM Utah State Office, Salt Lake City. The National Register of Historic Places (NRHP) was consulted prior to the commencement of fieldwork for the current project. No NRHP sites were found to be in the vicinity of the current project area.

Multiple previous cultural resource projects have been conducted in the vicinity of the current project. Due to the large number of projects conducted in this area, they will not be listed. However, there are two cultural resource sites which are located within one mile of the current project area. Following is a brief description of each site:

**Site 42Un2278.** This site is a historic trash scatter located near a modern sheep camp complex east of the West Fork of Asphalt Wash. The site was recommended NOT eligible to the NRHP.

**Site 42Un2499.** This site, located on an east-west trending ridge line, is a historic trash scatter and campsite. The site consists of one possible fire hearth and a scatter of historic trash. This site was recommended NOT eligible to the NRHP.



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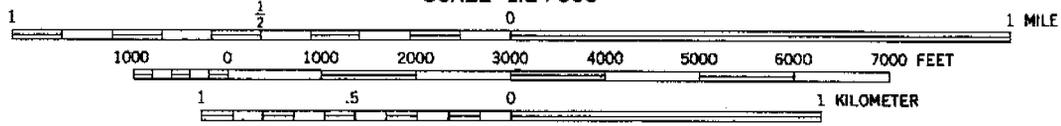


Figure 1. Location of proposed well Tucker Federal #8-6, associated access road and pipeline. Taken from USGS 7.5' Quadrangle Archy Bench SE, Utah (1968; P.R. 1987).

## ENVIRONMENT

The project area is located in the dissected tablelands south of the White River. The elevation of the area surveyed ranges between 6080 and 6200 feet a.s.l. Sediments in this area consist of tan to light reddish brown sandy silt aeolian deposits. Vegetation in this location covers approximately 30 percent of the ground surface and consists of sagebrush community species including big sagebrush, rabbit brush, ricegrass, greasewood, prickly pear cactus, bunch grass, four-wing salt bush, and cheat grass intermingled with pinyon-juniper community species. The nearest permanent water source is the White River located about 9.5 miles to the north of the project area. Numerous seasonal drainages and washes are present through the general vicinity of the project area.

Natural disturbance in these area consists of sheetwash, arroyo cutting and aeolian erosion. Cultural disturbances include the construction of existing well pad locations, access roads, and pipelines and impacts from sheep and cattle grazing.

## METHODOLOGY

An intensive cultural resource inventory was carried out for the proposed Tucker Federal #8-6 well and its associated access road and pipeline. The project area consists of one 40,469 m<sup>2</sup> (10 ac) parcel of land, measuring 201-by-201 m (660-by-660 ft) centered on the proposed well head, 600 ft (0.11 mi) of proposed access road, and 1250 ft (0.24 mi) of proposed pipeline corridor. The well location was inventoried in parallel transects spaced no more than 15 m (50 ft) apart. Individual access and pipeline corridors were walked in parallel transects spaced no more than 15 m (50 ft) apart to cover a corridor width of 30 m (100 ft) each. Wider corridors, in which pipelines and access roads ran parallel to each other, were walked in parallel transects spaced no more than 15 m (50 ft) apart, to cover a corridor width of 45 m (150 ft). The area surveyed during this cultural resource inventory, including the well pad, access road, and pipeline, totaled 5.2 ha (12.85 acres).

## RESULTS

A cultural resource inventory was carried out for the proposed Tucker Federal #8-6 well, and its associated access road and pipeline. No cultural resources were located during this inventory.

## ENVIRONMENT

The project area is located in the dissected tablelands south of the White River. The elevation of the area surveyed ranges between 6080 and 6200 feet a.s.l. Sediments in this area consist of tan to light reddish brown sandy silt aeolian deposits. Vegetation in this location covers approximately 30 percent of the ground surface and consists of sagebrush community species including big sagebrush, rabbit brush, ricegrass, greasewood, prickly pear cactus, bunch grass, four-wing salt bush, and cheat grass intermingled with pinyon-juniper community species. The nearest permanent water source is the White River located about 9.5 miles to the north of the project area. Numerous seasonal drainages and washes are present through the general vicinity of the project area.

Natural disturbances in the area consist of sheetwash, arroyo cutting and aeolian erosion. Cultural disturbances include the construction of existing well pad locations, access roads, and pipelines and impacts from sheep and cattle grazing.

## METHODOLOGY

An intensive cultural resource inventory was carried out for the proposed Tucker Federal #8-6 well and its associated access road and pipeline. The project area consists of one 40,469 m<sup>2</sup> (10 ac) parcel of land, measuring 201-by-201 m (660-by-660 ft) centered on the proposed well head, 600 ft (0.11 mi) of proposed access road, and 1250 ft (0.24 mi) of proposed pipeline corridor. The well location was inventoried in parallel transects spaced no more than 15 m (50 ft) apart. Individual access and pipeline corridors were walked in parallel transects spaced no more than 15 m (50 ft) apart to cover a corridor width of 30 m (100 ft) each. Wider corridors, in which pipelines and access roads ran parallel to each other, were walked in parallel transects spaced no more than 15 m (50 ft) apart, to cover a corridor width of 45 m (150 ft). The area surveyed during this cultural resource inventory, including the well pad, access road, and pipeline, totaled 5.2 ha (12.85 acres).

## RESULTS

A cultural resource inventory was carried out for the proposed Tucker Federal #8-6 well, and its associated access road and pipeline. No cultural resources were located during this inventory.

## RECOMMENDATIONS

No cultural resource sites were located during the inventory for the proposed Tucker Federal #8-6 well and its associated access road and pipeline. Cultural resource clearance is recommended for the project area. This investigation was conducted with techniques which are considered to be adequate for evaluating cultural resources which could be adversely affected by the project. However, should cultural resources be discovered on state land during construction, a report should be made immediately to the BLM Archaeologist at the Vernal Field Office in Vernal.

McELVAIN OIL & GAS PROP., INC.  
TUCKER FEDERAL #8-6  
SECTION 8, T12S, R24E, S.L.B.&M.

PROCEED IN AN EASTERLY, THEN SOUTHERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 3.9 MILES TO THE JUNCTION OF STATE HIGHWAY 45; EXIT RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 41.5 MILES ON PAVED STATE HIGHWAY 45 TO THE JUNCTION OF THIS ROAD AND GRAVEL STATE HIGHWAY 45 TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 3.8 MILES TO THE JUNCTION OF THIS ROAD AND STATE HIGHWAY 207 TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 8.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 7.8 MILES TO THE JUCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 6.1 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 0.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATLEY 300' TO THE BEGINNING OF THE PROPOSED ACCESS TO THE SOUTH; FOLLOW ROAD FLAGS IN A SOUTHERLY DIRECTION APPROXIMATELY 0.1 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 63.8 MILES.

# McELVAIN OIL & GAS PROP., INC.

TUCKER FEDERAL #8-6  
LOCATED IN UINTAH COUNTY, UTAH  
SECTION 8, T12S, R24E, S.L.B.&M.

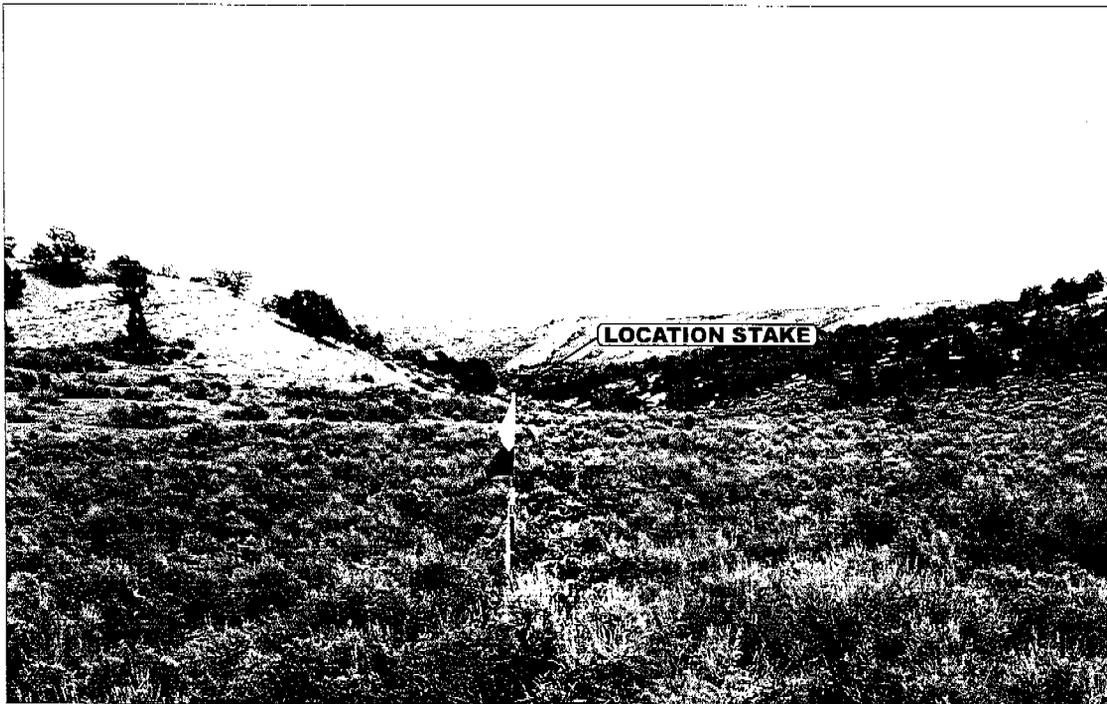


PHOTO: VIEW FROM LOCATION STAKE TO CORNER #1

CAMERA ANGLE: NORTHEASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: SOUTHEASTERLY



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

LOCATION PHOTOS

03 08 05  
MONTH DAY YEAR

PHOTO

TAKEN BY: S.H.

DRAWN BY: L.K.

REV: 03-14-05 L.K.

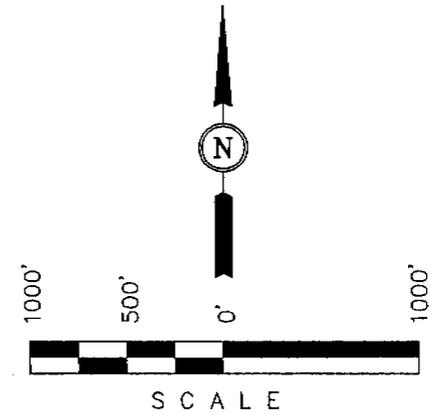
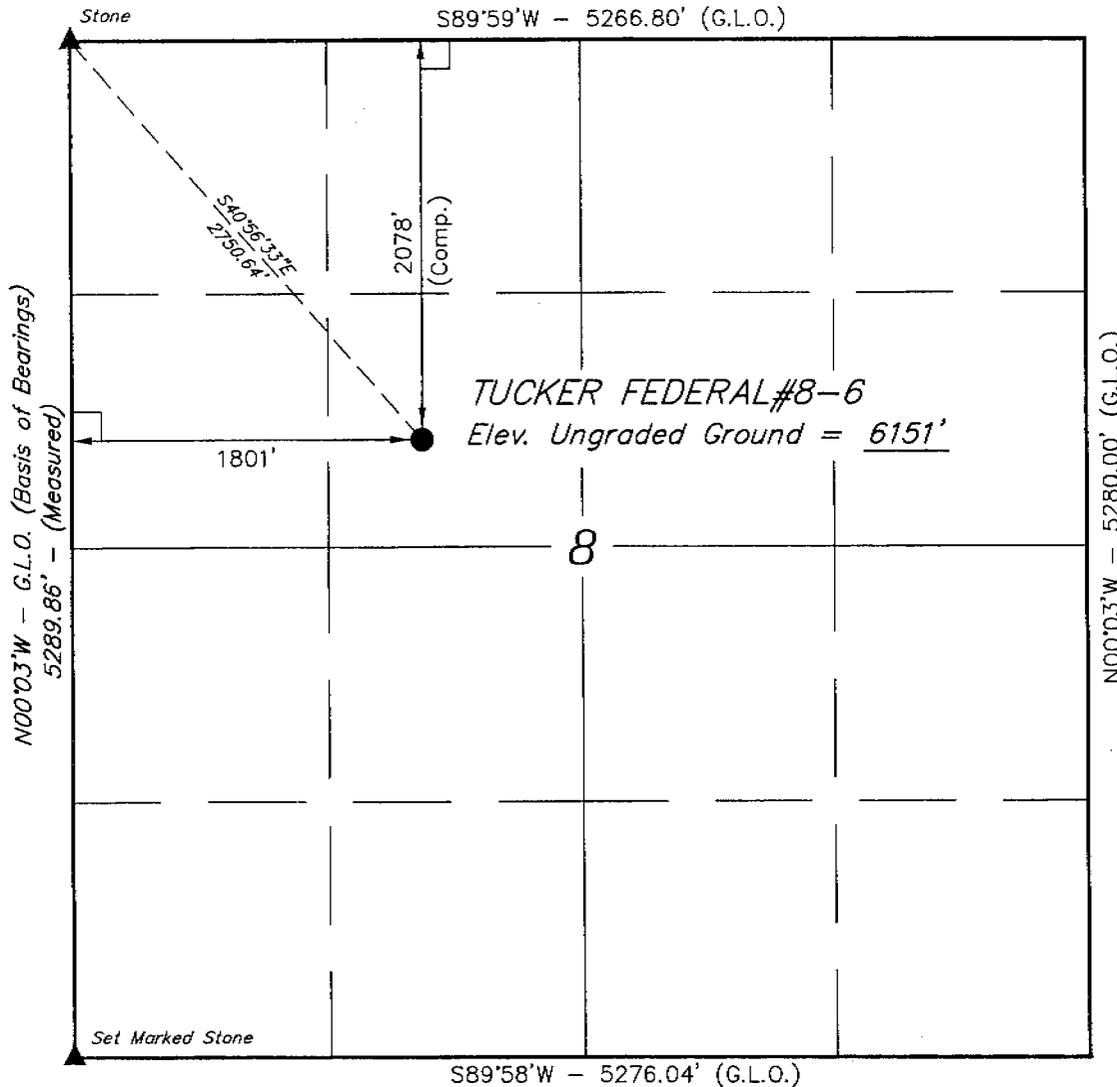
T12S, R24E, S.L.B.&M.

M<sup>C</sup>ELVAIN OIL & GAS PROP., INC.

Well location, TUCKER FEDERAL #8-6, located as shown in the SE 1/4 NW 1/4 of Section 8, T12S, R24E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

BENCH MARK 88 EAM LOCATED IN THE SW 1/4 OF SECTION 6, T12S, R24E, S.L.B.&M. TAKEN FROM THE ARCHY BENCH SE, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 6066 FEET.



CERTIFICATE

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

*Robert A. Hay*  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 161319  
 STATE OF UTAH

Revised: 03-14-05 D.R.B.

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

**LEGEND:**  
 L-shaped symbol = 90° SYMBOL  
 ● = PROPOSED WELL HEAD.  
 ▲ = SECTION CORNERS LOCATED.

(AUTONOMOUS NAD 83)  
 LATITUDE = 39°47'27.56" (39.790989)  
 LONGITUDE = 109°15'27.35" (109.257597)  
 (AUTONOMOUS NAD 27)  
 LATITUDE = 39°47'27.67" (39.791019)  
 LONGITUDE = 109°15'24.93" (109.256925)

SCALE 1" = 1000'	DATE SURVEYED: 03-04-05	DATE DRAWN: 03-08-05
PARTY S.H. L.M. D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE M <sup>C</sup> ELVAIN OIL & GAS PROP., INC.	

# MCELVAIN OIL & GAS PROP., INC.

## LOCATION LAYOUT FOR

TUCKER FEDERAL #8-6  
SECTION 8, T12S, R24E, S.L.B.&M.  
2078' FNL 1801' FWL

Proposed Access Road

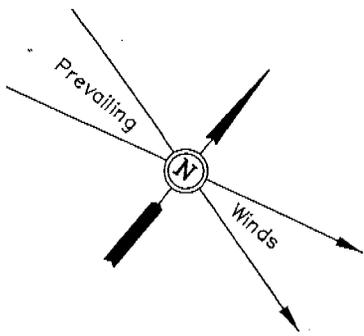
C-10.9'  
El. 61.1'

C-8.9'  
El. 59.1'

Install Low Water Crossing or 18" CMP

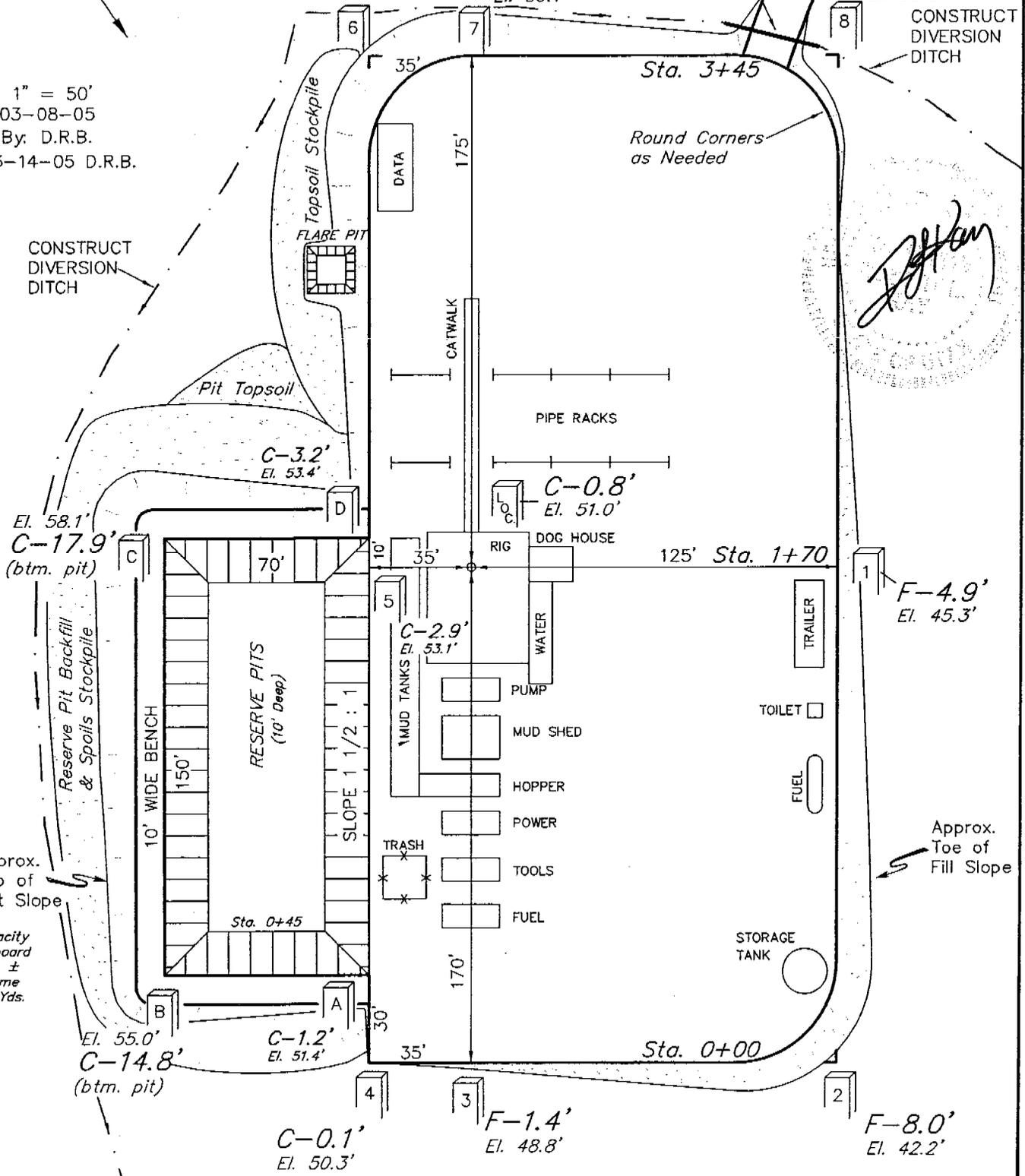
C-3.1'  
El. 53.3'

CONSTRUCT DIVERSION DITCH



SCALE: 1" = 50'  
DATE: 03-08-05  
Drawn By: D.R.B.  
Revised: 03-14-05 D.R.B.

CONSTRUCT DIVERSION DITCH



Total Pit Capacity  
W/2' of Freeboard  
= 9,850 Bbls. ±  
Total Pit Volume  
= 2,780 Cu. Yds.

Elev. Ungraded Ground at Location Stake = 6151.0'  
Elev. Graded Ground at Location Stake = 6150.2'

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

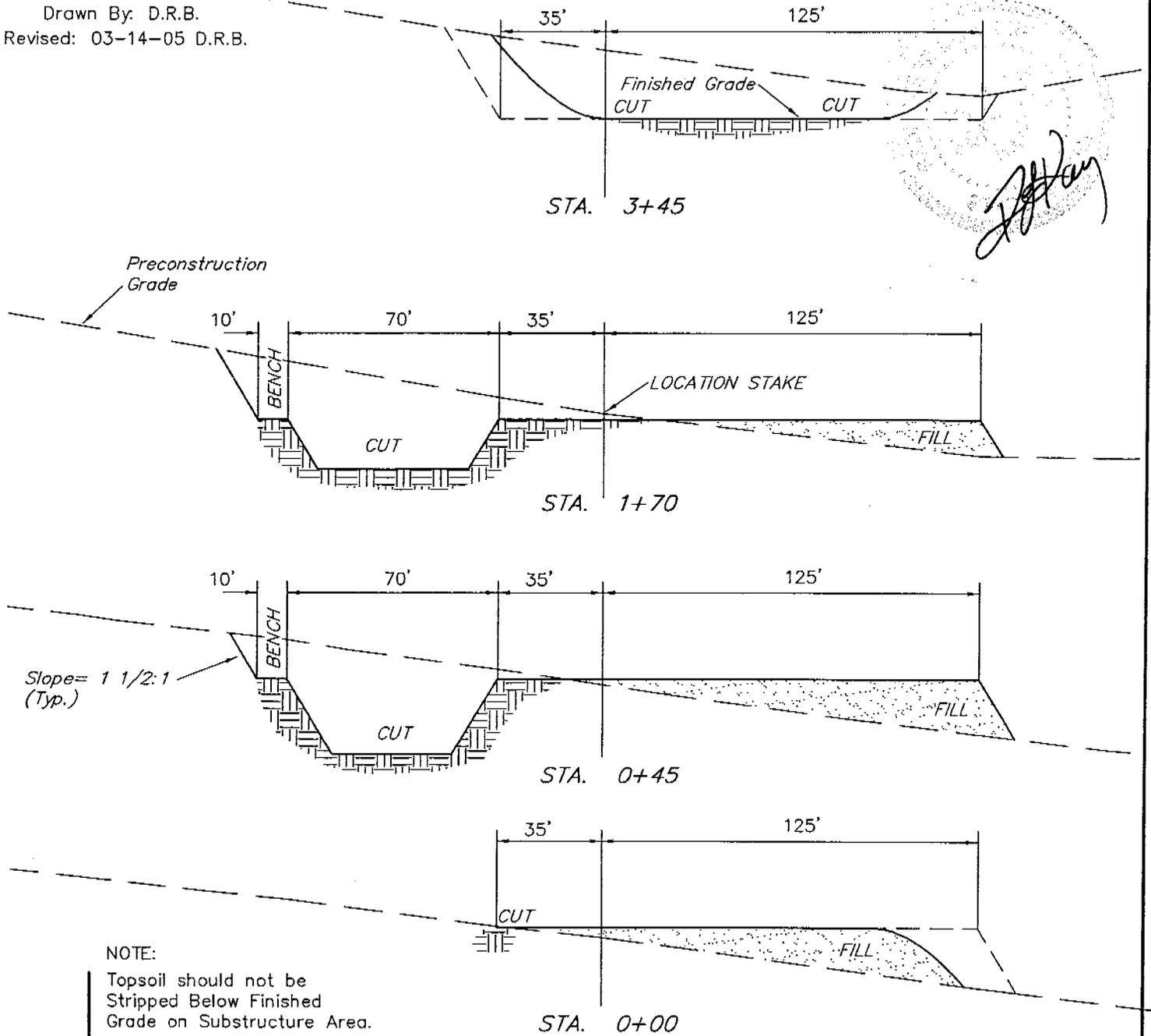
**McELVAIN OIL & GAS PROP., INC.**

**TYPICAL CROSS SECTIONS FOR**

**TUCKER FEDERAL #8-6  
SECTION 8, T12S, R24E, S.L.B.&M.  
2078' FNL 1801' FWL**

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

DATE: 03-08-05  
Drawn By: D.R.B.  
Revised: 03-14-05 D.R.B.



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

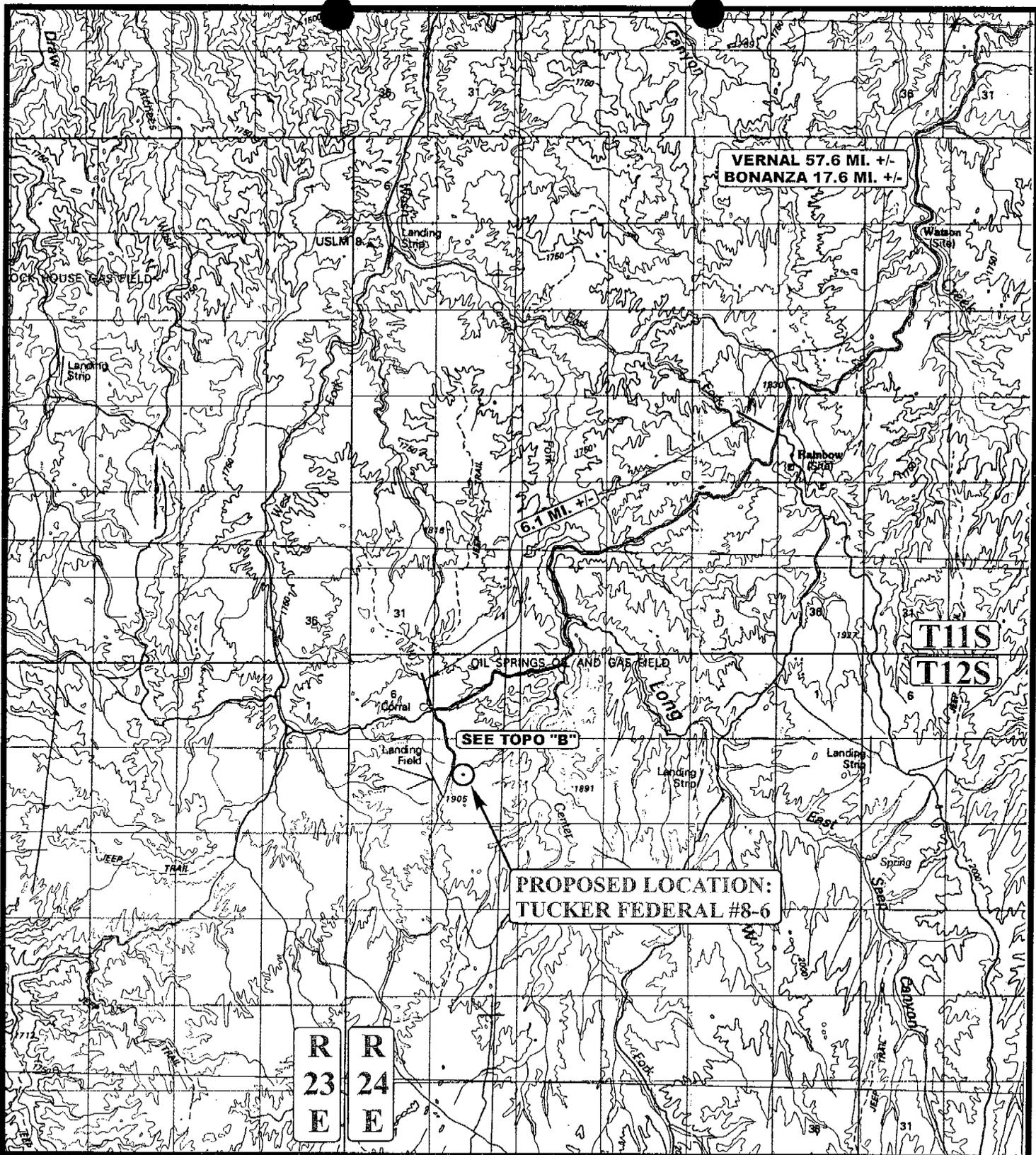
\* NOTE:  
FILL QUANTITY INCLUDES 5% FOR COMPACTION

**APPROXIMATE YARDAGES**

CUT	
(6") Topsoil Stripping	= 1,490 Cu. Yds.
Remaining Location	= 8,210 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 9,700 CU.YDS.</b>
<b>FILL</b>	<b>= 4,280 CU.YDS.</b>

Excess Material	= 5,420 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 2,880 Cu. Yds.
<b>EXCESS UNBALANCE (After Rehabilitation)</b>	<b>= 2,540 Cu. Yds.</b>

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



**LEGEND:**

○ PROPOSED LOCATION



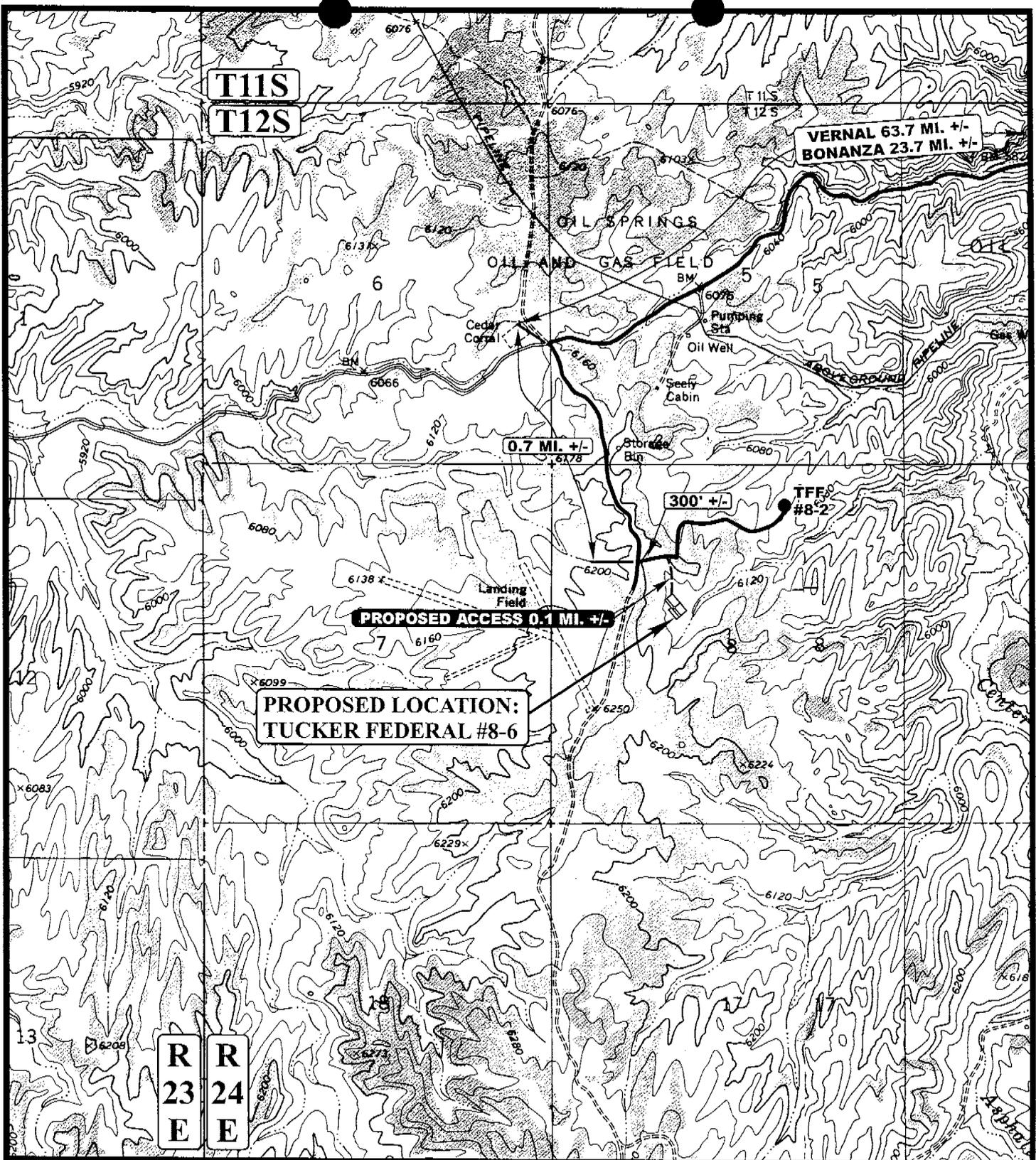
**McELVAIN OIL & GAS PROP., INC.**

TUCKER FEDERAL #8-6  
 SECTION 8, T12S, R24E, S.L.B.&M.  
 2078' FNL 1801' FWL

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

TOPOGRAPHIC MAP 03 08 05  
 MONTH DAY YEAR  
 SCALE: 1:100,000 DRAWN BY: L.K. REV: 03-14-05 L.K.





**LEGEND:**

- EXISTING ROAD
- - - - - PROPOSED ACCESS ROAD

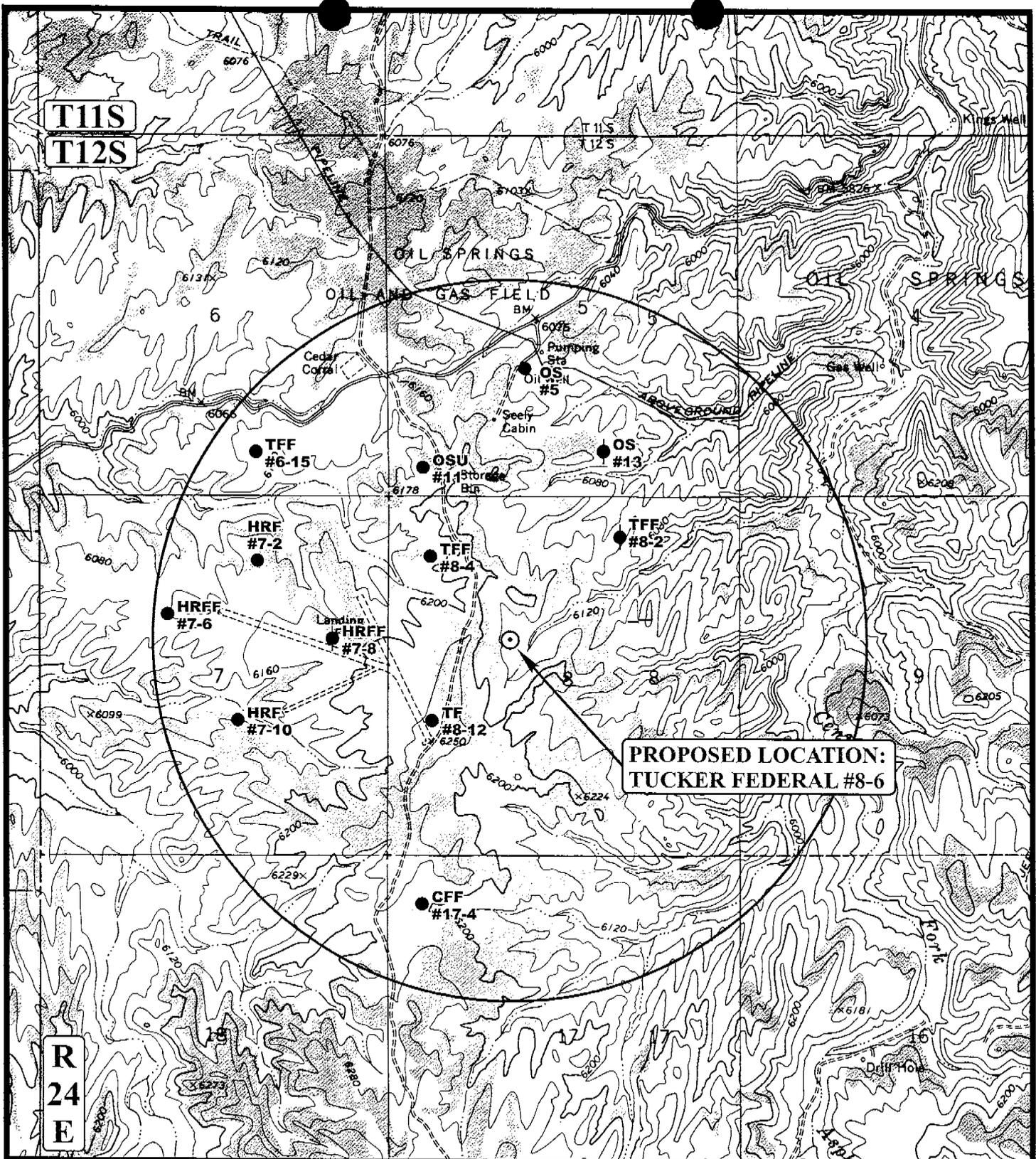


**McELVAIN OIL & GAS PROP., INC.**

**TUCKER FEDERAL #8-6**  
**SECTION 8, T12S, R24E, S.L.B.&M.**  
**2078' FNL 1801' FWL**

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

**TOPOGRAPHIC MAP** **03 08 05**  
 MONTH DAY YEAR  
**SCALE: 1" = 2000'** DRAWN BY: L.K. REV: 03-14-05 L.K. **B TOPO**



T11S  
T12S

PROPOSED LOCATION:  
TUCKER FEDERAL #8-6

R  
24  
E

**LEGEND:**

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



**McELVAIN OIL & GAS PROP., INC.**

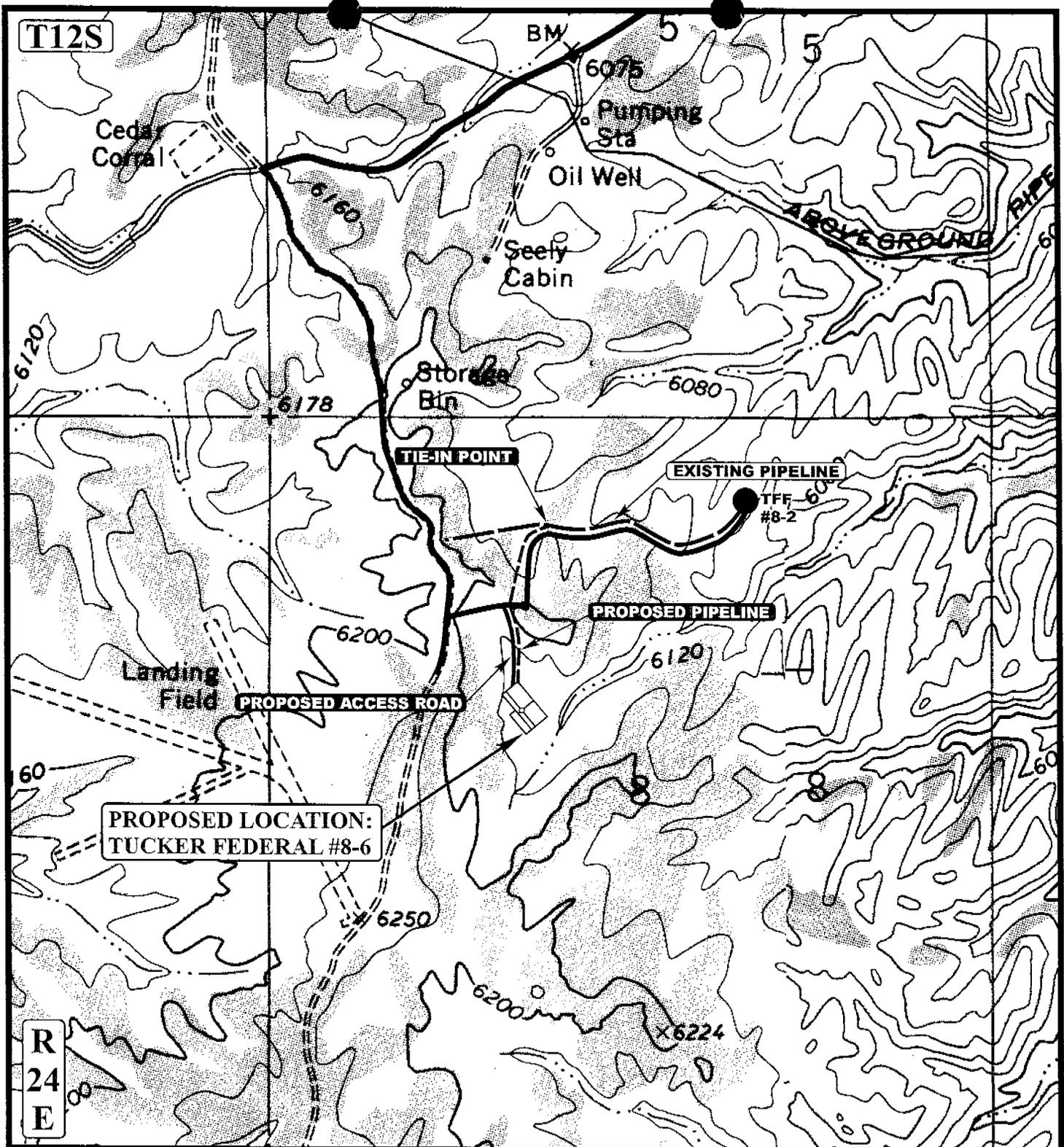
**TUCKER FEDERAL #8-6**  
SECTION 8, T12S, R24E, S.L.B.&M.  
2078' FNL 1801' FWL



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

TOPOGRAPHIC MAP  
03 08 05  
MONTH DAY YEAR  
SCALE: 1" = 2000' DRAWN BY: L.K. REV: 03-14-05 L.K.





APPROXIMATE TOTAL PIPELINE DISTANCE = 1250' +/-

**LEGEND:**

- PROPOSED ACCESS ROAD
- EXISTING PIPELINE
- PROPOSED PIPELINE



**McELVAIN OIL & GAS PROP., INC.**

**TUCKER FEDERAL #8-6**  
**SECTION 8, T12S, R24E, S.L.B.&M.**  
**2078' FNL 1801' FWL**



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

**TOPOGRAPHIC MAP**

<b>03</b>	<b>08</b>	<b>05</b>
MONTH	DAY	YEAR

SCALE: 1" = 1000' | DRAWN BY: L.K. | REV: 03-14-05 L.K.



**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 07/07/2005

API NO. ASSIGNED: 43-047-36837
--------------------------------

WELL NAME: TUCKER FED 8-6  
 OPERATOR: MCELVAIN OIL & GAS ( N2100 )  
 CONTACT: E. REED FISCHER

PHONE NUMBER: 303-893-0933

PROPOSED LOCATION:

SENW 08 120S 240E  
 SURFACE: 2078 FNL 1801 FWL  
 BOTTOM: 2078 FNL 1801 FWL  
 UINTAH  
 OIL SPRINGS ( 635 )

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal  
 LEASE NUMBER: UTU-70239  
 SURFACE OWNER: 1 - Federal  
 PROPOSED FORMATION: MVRD  
 COALBED METHANE WELL? NO

LATITUDE: 39.79098  
 LONGITUDE: -109.2569

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. LPM 4138223 )
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit  
(No. 49-1547 )
- RDCC Review (Y/N)  
(Date: \_\_\_\_\_ )
- Fee Surf Agreement (Y/N)

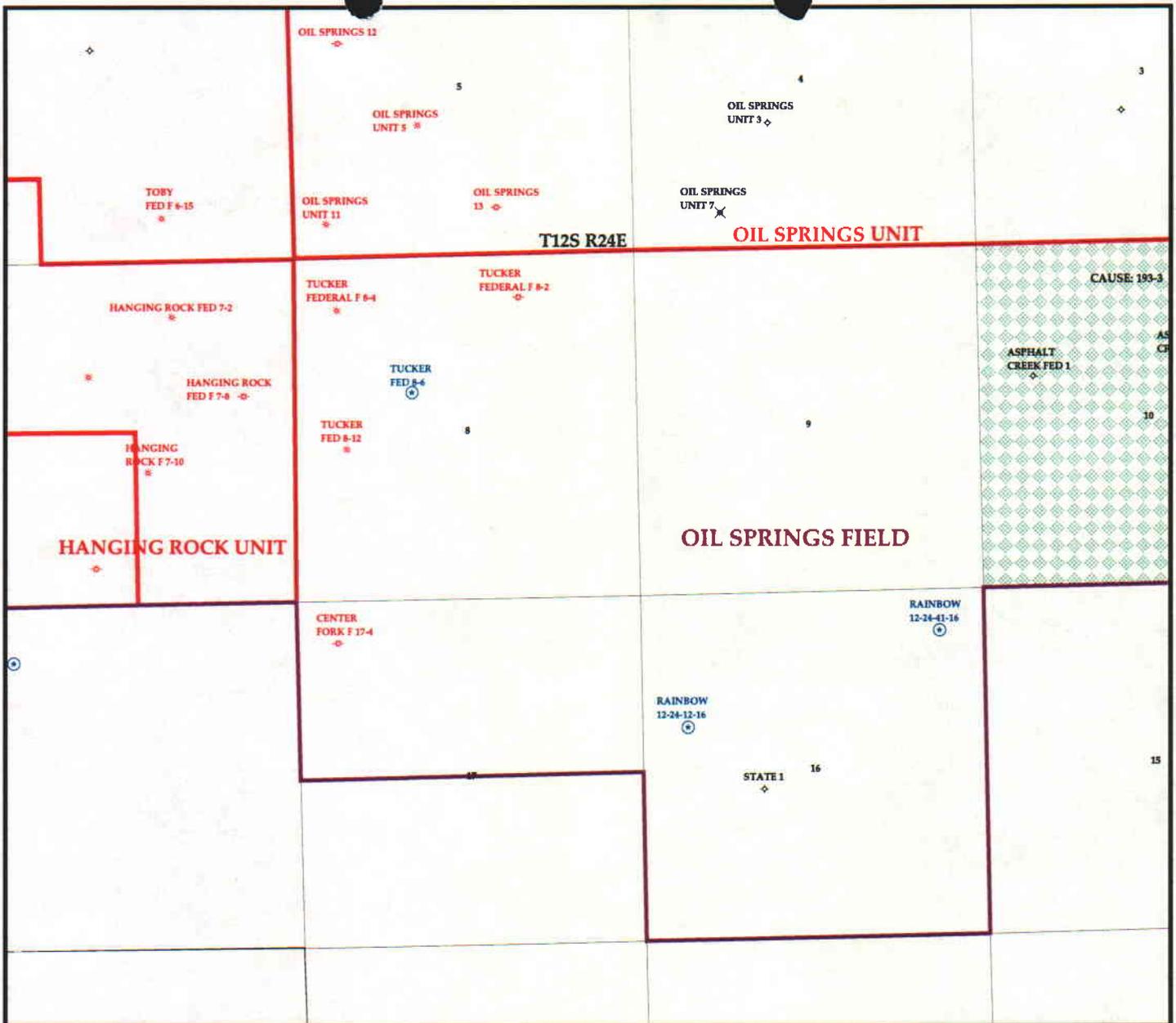
LOCATION AND SITING:

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

COMMENTS: \_\_\_\_\_

STIPULATIONS: \_\_\_\_\_

*1- General Approval  
2- Spacing Strip*



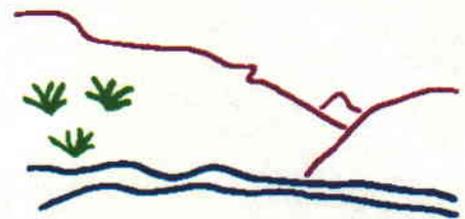
OPERATOR: MCELVAIN O&G PROP (N2100)

SEC: 8 T. 12S R. 24E

FIELD: OIL SPRINGS (635)

COUNTY: UINTAH

SPACING: R649-3-2 / GENERAL SITING



Utah Oil Gas and Mining

Wells	Units.shp	Fields.shp
✱ GAS INJECTION	□ EXPLORATORY	□ ABANDONED
○ GAS STORAGE	□ GAS STORAGE	□ ACTIVE
× LOCATION ABANDONED	□ NF PP OIL	□ COMBINED
⊕ NEW LOCATION	□ NF SECONDARY	□ INACTIVE
◇ PLUGGED & ABANDONED	□ PENDING	□ PROPOSED
✱ PRODUCING GAS	□ PI OIL	□ STORAGE
● PRODUCING OIL	□ PP GAS	□ TERMINATED
◇ SHUT-IN GAS	□ PP GEOTHERML	
→ SHUT-IN OIL	□ PP OIL	
× TEMP. ABANDONED	□ SECONDARY	
○ TEST WELL	□ TERMINATED	
△ WATER INJECTION		
● WATER SUPPLY		
✱ WATER DISPOSAL		



PREPARED BY: DIANA WHITNEY  
DATE: 11-JULY-2005



**State of Utah**

**Department of  
Natural Resources**

MICHAEL R. STYLER  
*Executive Director*

**Division of  
Oil, Gas & Mining**

JOHN R. BAZA  
*Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

July 11, 2005

McElvain Oil & Gas Properties, Inc.  
1050 17th Street, Ste. 1800  
Denver, CO 80265

Re: Tucker Federal 8-6 Well, 2078' FNL, 1801' FWL, SE NW, Sec. 8, T. 12 South,  
R. 24 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 43-047-36837.

Sincerely,

Gil Hunt  
Acting Associate Director

pab  
Enclosures

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

Operator: McElvain Oil & Gas Properties, Inc.  
Well Name & Number Tucker Federal 8-6  
API Number: 43-047-36837  
Lease: UTU-70239

Location: SE NW                      Sec. 8                      T. 12 South                      R. 24 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 Dan Jarvis at (801) 538-5338

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.

RECEIVED

JUL 08 2005

BLM VERNAL, UTAH

Form 3160-3  
(September 2001)

FORM APPROVED  
OMB No. 1004-0136  
Expires January 31, 2004

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No.  
**UTU - 70239**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA Agreement, Name and No.

8. Lease Name and Well No.  
**Tucker Federal # 8-6**

1a. Type of Work:  DRILL  REENTER

1b. Type of Well:  Oil Well  Gas Well  Other  Single Zone  Multiple Zone

2. Name of Operator  
**McElvain Oil & Gas Properties, Inc.**

9. API Well No.  
**304736837**

10. Field and Pool, or Exploratory  
**Oil Springs**

3a. Address  
**1050 - 17th Street, Ste. 1800 Denver, CO. 80265**

3b. Phone No. (include area code)  
**303.893.0933**

4. Location of Well (Report location clearly and in accordance with any State requirements.\*)  
At surface **1801' FWL & 2078' FNL (SENW) Sec. 8, T12S-R24E S.L.B. & M.**  
At proposed prod. zone **same (vertical well)**

11. Sec., T., R., M., or Blk. and Survey or Area  
**Sec. 8, T12S-R24E, S.L.B.&M.**

14. Distance in miles and direction from nearest town or post office\*  
**64 miles South-Southeast of Vernal, Utah**

12. County or Parish  
**Uintah**

13. State  
**Utah**

15. Distance from proposed\* location to nearest property or lease line, ft. (Also to nearest drig, unit line, if any)  
**1801' east of lease/unit line**

16. No. of Acres in lease  
**640.0 acres**

17. Spacing Unit dedicated to this well  
**40.0 acres**

18. Distance from proposed location\* to nearest well, drilling, completed, applied for, on this lease, ft.  
**1,335'**

19. Proposed Depth  
**4,100 ft.**

20. BLM/BIA Bond No. on file  
**LPM 4138223 (nation-wide bond)**

21. Elevations (Show whether DF, KDB, RT, GL, etc.)  
**6,151' GL**

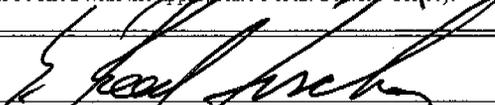
22. Approximate date work will start\*  
**October 2005**

23. Estimated duration  
**20 Days Construction & Drilling**

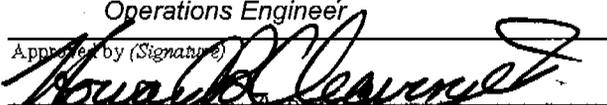
24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- 1. Well plat certified by a registered surveyor.
- 2. A Drilling Plan.
- 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
- 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- 5. Operator certification.
- 6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature  Name (Printed/Typed) **E. Reed Fischer** Date **7/5/05**

Title **Operations Engineer**

Approved by (Signature)  Name (Printed/Typed) Date **02/13/2006**

Title **Assistant Field Manager Mineral Resources** Office

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on reverse)

**CONDITIONS OF APPROVAL ATTACHED**

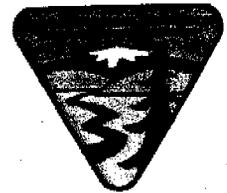
**NOTICE OF APPROVAL**

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY

**FEB 16 2006**



UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
VERNAL FIELD OFFICE  
170 South 500 East VERNAL, UT 84078 (435) 781-4400



**CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL**

Company: McElvain Oil & Gas Properties Location: SENW, Sec. 8, T12S, R24E  
Well No: Tucker Federal 8-6 Lease No: UTU-70239  
API No: 43-047-36837 Agreement: N/A

Petroleum Engineer:	Matt Baker	Office: 435-781-4490	Cell: 435-828-4470
Petroleum Engineer:	Michael Lee	Office: 435-781-4432	Cell: 435-828-7875
Supervisory Petroleum Technician:	Jamie Sparger	Office: 435-781-4502	Cell: 435-828-3913
Environmental Scientist:	Paul Buhler	Office: 435-781-4475	Cell: 435-828-4029
Environmental Scientist:	Karl Wright	Office: 435-781-4484	
Natural Resource Specialist:	Holly Villa	Office: 435-781-4404	
Natural Resource Specialist:	Melissa Hawk	Office: 435-781-4476	
<b>After hours contact number: (435) 781-4513</b>		FAX: (435) 781-4410	

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR  
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations.

**NOTIFICATION REQUIREMENTS**

Location Construction (Notify Holly Villa)	- Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Holly Villa)	- Prior to moving on the drilling rig.
Spud Notice (Notify PE)	- Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Jamie Sparger SPT)	- Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Jamie Sparger SPT)	- Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify PE)	- Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

**SURFACE USE PROGRAM  
CONDITIONS OF APPROVAL (COAs)**

- If paleontologic materials are uncovered during construction, the operator shall immediately stop work that might further disturb such materials and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation will be necessary for the discovered paleontologic material.
- Paint all facilities Fuller O'Brian color Olive Black. Any paint brand may be used provided the colors match.
- The following interim seed mixture shall be used:

Type	lbs./acre
Blue gramma <i>Bouteloua gracilis</i>	6
Galleta grass <i>Hilaria jamesii</i>	6
** Seed shall be drilled; but if broadcasted double the pounds per acre used and work the solids mechanically to cover the seed.	

- All pounds are in pure live seed.
  - Reseeding may be required if first seeding is not successful.
- The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil respread, and the area shall be seeded in the same manner as the location topsoil.
- Following well plugging and abandonment, the location, access roads, pipelines, and other facilities shall be reclaimed. All disturbed surfaces shall be reshaped to approximate the original contour; the top soil respread over the surface; and, the surface revegetated. The surface of approved staging areas where construction activities did not occur may require disking or ripping and reseeded.
- Within 90 calendar days of the approval date for this Application for Permit to Drill (APD), the operator/lessee shall submit to the Authorized Officer (AO), on Sundry Notice Form 3160-5, an Interim Surface Reclamation Plan for surface disturbance on well pads, access roads, and pipelines. At a minimum, this will include the reshaping of the pad to the original contour to the extent possible; the resreading of the top soil up to the rig anchor points; and, the area reseeded using appropriate reclamation methods. The AO will provide written approval or concurrence within 30 calendar days of receipt.

## **DOWNHOLE CONDITIONS OF APPROVAL**

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

### **SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL**

- None.

### **DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS**

- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- **Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.**
- Blowout prevention equipment (BOPE) will remain in use until the well is completed or abandoned. Closing unit controls must remain unobstructed and readily accessible at all times. Choke manifolds must be located outside of the rig substructure.
- All BOPE components will be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests must be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test must be reported in the driller's log.
- BOP drills must be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- All shows of fresh water and minerals will be reported and protected. A sample will be taken of any water flows and a water analysis furnished the BLM, Vernal Field Office. All oil and gas shows will be adequately tested for commercial possibilities, reported, and protected.
- 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 BLM, Vernal Field Office. If operations are to be suspended

for more than 30 days, prior approval of the BLM, Vernal Field Office must be obtained and notification given before resumption of operations.

- Chronologic drilling progress reports must be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- Any change in the program must be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) must be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.
- Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, will require the filing of a suitable plan pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.
- In accordance with 43 CFR 3162.4-3, this well must be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM 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 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) will be submitted only when requested by the BLM, Vernal Field Office.
- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the BLM, Vernal Field Office.
- All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.
- Oil and gas meters will be calibrated in place prior to any deliveries. The Field Office Petroleum Engineers 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 BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production,

whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.

- This APD is approved subject to the requirement that, should the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - Operator name, address, and telephone number.
  - Well name and number.
  - Well location ( $\frac{1}{4}$ / $\frac{1}{4}$ , Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - Unit agreement and / or participating area name and number, if applicable.
  - Communitization agreement number, if applicable.
- Any venting or flaring of gas will be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, will be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of

cement in each, and amount of casing left in hole, and the current status of the surface restoration.



**DIVISION OF OIL, GAS AND MINING**

**SPUDDING INFORMATION**

Name of Company: MCELVAIN OIL & GAS PROPERTIES

Well Name: TUCKER FED 8-6

Api No: 43-047-36837 Lease Type: FEDERAL

Section 08 Township 12S Range 24E County UINTAH

Drilling Contractor BILL JR'S RIG # 6

**SPUDDED:**

Date 07/07/06

Time \_\_\_\_\_

How DRY

**Drilling will Commence:** \_\_\_\_\_

Reported by REID FISCHER

Telephone # (303) 893-0933 X-330

Date 07/07/2006 Signed CHD

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires January 31, 2004

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

5. Lease Serial No.  
UTU-70239

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.  
Tucker Federal #8-6

9. API Well No.  
43-047-36837

10. Field and Pool, or Exploratory Area  
Oil Springs

11. County or Parish, State  
Uintah County, Utah

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
**McElvain Oil & Gas Properties, Inc.**

3a. Address  
**1050 17th Street, Ste. 1800 Denver, CO 80265**

3b. Phone No. (include area code)  
**(303) 893-0933**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**2078' FNL & 1801' FWL (SENW) Sec. 8, T12S-R24E**

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="radio"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="radio"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="radio"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>SPUD</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration there. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zone. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed or testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator is determined that the site is ready for final inspection.)

Tucker Federal #8-6 was spud July 7, 2006 at 11:00 PM by Bill Jr Rat Hole Drilling Inc.

MIRU Bill Jr Rat Hole Drilling Inc. Drilled 12 1/4" Hole to 688'. Ran 686' (G.L.) of 9 5/8" H-40, 32.3#/ft, ST&C, New Csg. Ran 3 Centralizers, Guide Shoe, and Float Collar Clamp.

RU Big4 Cementing to cement Surface Casing, pumped 325 sks of Glass "G" with 2% CaCl2 & 0.25#/sk Flocele. Cmt wt 15.8 ppg, Yield 1.15 cuft/sk. Circulated 20 bbls of cement to the pit with full returns.

RECEIVED  
JUL 13 2006

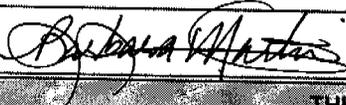
14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

Barbara Martin

DIV. OF OIL, GAS & MINING

Title Engineer

Signature



Date July 10, 2006

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

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

FORM 6

ENTITY ACTION FORM

Operator: McElvain Oil & Gas Properties, Inc.  
Address: 1050 17th Street, Suite 1800  
city Denver  
state CO zip 80265

Operator Account Number: N 2100  
Phone Number: (303) 893-0933

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304736837	Tucker Federal #8-6		SENV	8	12S	24E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
A	99999	15513	7/7/2006			7/20/06	
Comments: <u>m v r d</u>							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304736042	Hanging Rook Federal #1-8		SENE	1	12S	23E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
A	99999	15514	7/17/2006			7/20/06	
Comments: <u>m v r d</u>							

Well 3

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

RECEIVED

JUL 18 2006

ACTION CODES:

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

Barbara Martin

Name (Please Print)

Signature

Engineer

Title

7/18/2006

Date

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires January 31, 2004

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5. Lease Serial No.	UTU -70239
6. If Indian, Allottee or Tribe Name	N/A
7. If Unit or CA/Agreement, Name and/or No.	N/A
8. Well Name and No.	Tucker Federal #8-6
9. API Well No.	43-047-36837
10. Field and Pool, or Exploratory Area	Oil Springs
11. County or Parish, State	Uintah County, Utah

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
**McElvain Oil & Gas Properties, Inc.**

3a. Address  
**1050 17th Street, Suite 1800 Denver, CO 80265**

3b. Phone No. (include area code)  
**(303) 893-0933**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**2078' FNL & 1801' FWL (SENW) Sec. 8, T12S-R24E S.L.B. & M**

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<input type="radio"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>Drilling Progress</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<u>Report</u>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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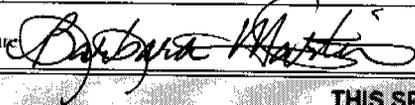
Please see attached Drilling Progress for the Tucker Federal #8-6.

RECEIVED

AUG 18 2006

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct  
 Name (Printed/Typed) **Barbara Martin** Title **Engineer**

Signature  Date **Aug 16, 2006**

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office \_\_\_\_\_

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

*Tucker Federal #8-6*

**7/22/06**

Move Patterson Rig # 52 to Location

**07/23/06**

Continue rig up of Patterson Rig #52.

**07/24/06**

Continue rig up. Set sub base, out buildings, living quarters, sewer & potable water systems. Wait on light plant repairs.

**07/25/06**

Continue rig up. Plumb in gas buster. Wait on light plant repairs.

**07/26/06**

Rig Up (Raise Derrick, Rig up floor, Safety Repairs, Wait on Kelly & swivel)

**07/27/06**

Safety repairs, Work on derrick floor and light plant. Unload, pickup and assemble kelly and swivel.

**07/28/06**

Rig up tester & test BOP. Drill out rathole. Pick up BHA & Trip in Hole. Drill out float & shoe from 602 to 813'. Survey @ 741' – 10.75 degree. Trip out for rig repairs.

**07/29/06**

Trip in hole. Install Rotating Head. Drill from 813'-1827'. Surveys @ 1250' 1.0 Degree, Miss run survey attempt @ 1750'. Lost approximately 300 bbls mud starting at 1100' Approx.300 BBLs. Mud up.

**07/30/06**

Drilling 1827' - 3249'. Surveys @ 1750' – 2.25 degrees. Survey @ 2166' - 1.75 degree. Survey @ 2685' – 1.0 degree. Survey @ 3170' – 0.25 degree.

**07/31/06**

Drilling 3249' - 4676'. Survey @ 3780' – 0.50 degree. Survey @ 4287' – 0.75 degree.

**08/01/06**

Drilling 4676' – 5622''. Survey @ 4730' – 1.0 degree. Survey @ 5232' 1.50 degrees.

**08/02/06**

Drilling 5622' - 6475'. Survey @ 5740' – 1.0 degree. Circ & Cond for short trip.

*Tucker Federal #8-6*

**08/03/06**

Circ & Cond mud. Short Trip. Drilling 6475 – 6515'. Trip out & rig up for logs.

**08/04/06**

Rig up Schlumberger & log well with DIL/Density/Neutron/Sonic logging tools in 1 run. Rig down loggers. Trip in hole. Circ & Cond. Lay down drill string.

**08/05/06**

Rig up Casing crew and run 4.5" 11.6# I-80 casing. Land casing shoe @ 6515' KB, Float Collar @ 6471', Halliburton Stage Tool @ 3260'. Utilized 15 centralizers. RU Halliburton & Cement casing in 2 stages with full returns.

**1st stage:** 40 bbls flush and spacer followed by 650 sks of 50/50 POZ plus Additives, (Density: 13.5ppg, Yield: 1.44 cuft/sk). Displace w/100 bbls water at ATR = 5 BPM & Final TP = 1350 psi. Bump plug. Float held.

**Open DV Tool** with 800 psi returning spacer & 8 bbls of cement. Circulate 5 hours.

**2<sup>nd</sup> Stage:** 40 bbls flush and spacer followed by 50 sks Lead Halliburton 'RDM' Cement (10.5ppg, 4.11 cuft/sk). Tailed with 565 sks 50/50 POZ Cement with Additives (Density: 13.5ppg, Yield: 1.44 cuft/sk). Displace w/50.5 bbls water @ ATR = 5 BPM & Final TP = 1050 psi. Bumped plug w/1400 psi. DV Tool shut. Full returns. 5 bbls cement to surface.

Set slips w/78,000#. ND BOP. Clean pits.

**08/06/06**

RD. Release and move Rig to Hanging Rock Federal #1-8.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: March 31, 2007

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UTU - 70239

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Oil Well  Gas Well  Other

7. If Unit of CA/Agreement, Name and/or No.  
N/A

8. Well Name and No.  
Tucker Federal #8-6

2. Name of Operator  
McElvain Oil & Gas Properties, Inc.

9. API Well No.  
43-047-36837

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3b. Phone No. (include area code)  
(303) 893-0933

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Oil Springs

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
2078' FNL & 1801' FWL (SENW) Sec. 8, T12S-R24E SLB & M

11. Country or Parish, State  
Utah County, Utah

**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA**

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<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other First Delivery
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Date: 11/13/2006  
Time: 9:00 PM  
Initial Pressure: 1160 psi  
Initial Rate: 450 MCFD  
No Water  
No Condensate

Canyon Gas Resources Meter #: 70368  
Orifice: 0.750"  
Differential Range: 0-250"  
Tube: 2.067

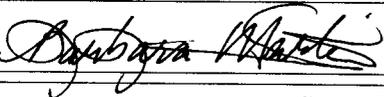
**RECEIVED**  
**NOV 17 2006**  
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.

Name (Printed Typed)  
Barbara Martin

Title Engineer

Signature



Date 11/15/2006

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0137  
Expires: March 31, 2007

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

5. Lease Serial No.  
**UTU -70239**

a. Type of Well  Oil Well  Gas Well  Dry  Other  
b. Type of Completion:  New Well  Work Over  Deepen  Plug Back  Diff. Resrv.,  
Other: \_\_\_\_\_

6. If Indian, Allottee or Tribe Name  
**N/A**

7. Unit or CA Agreement Name and No.  
**N/A**

2. Name of Operator  
**McElvain Oil & Gas Properties, Inc.**

8. Lease Name and Well No.  
**Tucker Federal #8-6**

3. Address **1050 17th Street, Suite 1800, Denver, CO 80265**

3a. Phone No. (include area code)  
**(303) 893-0933**

9. AFI Well No.  
**43-047-36837**

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
**2078' FNL & 1801' FWL (SENW) Sec. 8, T12S-R24E SLB & M**  
At surface  
**Same**  
At top prod. interval reported below  
**Same**  
At total depth **Same**

10. Field and Pool or Exploratory  
**Oil Springs**

11. Sec., T., R., M., on Block and Survey or Area **Sec. 8, T12S-R24E SLB&M**

12. County or Parish  
**Uintah County**

13. State  
**UT**

14. Date Spudded  
**07/07/2006**

15. Date T.D. Reached  
**08/03/2006**

16. Date Completed **09/15/2006**  
 D & A  Ready to Prod.

17. Elevations (DF, RKB, RT, GL)\*  
**6151 GL, 6164 KB**

18. Total Depth: MD **6515 ft**  
TVD **6515 ft**

19. Plug Back T.D.: MD **6470 ft**  
TVD **6470 ft**

20. Depth Bridge Plug Set: MD **N/A**  
TVD **N/A**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
**Dual Induction, Density, Neutron, BHC Sonic, CBL**

22. Was well cored?  No  Yes (Submit analysis)  
Was DST run?  No  Yes (Submit report)  
Directional Survey?  No  Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
9-5/8"	H-40	32.3	Surface	705 ft		325 sks "G"	67 Bbls	CIR to Surface	
4-1/2"	I-80	11.6	Surface	6515 ft	3260 ft	1265 sks	350 Bbls	CIR to Surface	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375"	3635'	N/A						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Wasatch	2409	3803	3660' - 3666'	0.36"	18	Open
B)			3616' - 3620'	0.36"	10	Open
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
3660' - 3666'	Natural Completion
3616' - 3620'	Natural Completion

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
11/13/06	08/14/06	21	→	0	350	0			Flowing
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
24/64	NA	120	→	0	400	0		Well SI, WOPL	

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NOV 15 2006

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

DIV. OF OIL, GAS & MINING

\*(See instructions and spaces for additional data on page 2)

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production ➔	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate ➔	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production ➔	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate ➔	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

29. Disposition of Gas (Solid, used for fuel, vented, etc.)

30. Summary of Porous Zones (Include Aquifers):

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

31. Formation (Log) Markers

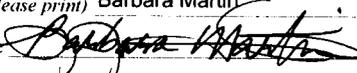
Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
Uteland Butte	2345	2409	Water	Uteland Bute	2345
Wasatch	2409	3803	Gas, Water	Wasatch	2409
Mesaverde	3803	6308	Water	Top Mesaverde	3803
Mancos	6308	-	-	Neslen	5090
				Sego	5746
				Buck Tongue	5904
				Castlegate	6090
				Mancos	6308

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- Electrical/Mechanical Logs (1 full set req'd.)     
  Geologic Report     
  DST Report     
  Directional Survey  
 Sundry Notice for plugging and cement verification     
  Core Analysis     
  Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) Barbara Martin  
 Signature 

Title Engineer  
 Date 11/13/2006

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: March 31, 2007

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

5. Lease Serial No.  
UTU-70239

6. If Indian, Allottee or Tribe Name  
N/A

**SUBMIT IN TRIPLICATE - Other instructions on page 2.**

1. Type of Well

Oil Well  Gas Well  Other

7. If Unit of CA/Agreement, Name and/or No.  
N/A

2. Name of Operator  
McElvain Oil & Gas Properties, Inc.

43,047,30837

8. Well Name and No.  
Hanging Rock Field Central Compression-see well list

3a. Address  
1050 17th Street, Suite 1800, Denver, CO 80265

3b. Phone No. (include area code)  
(303) 893-0933

9. API Well No.  
Refer to attachment for list of wells

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Refer to attachment for list of wells

125 2AE 8

10. Field and Pool or Exploratory Area  
Oil Springs

11. Country or Parish, State  
Uintah County, Utah

**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <b>Install pipeline to add 3 wells to existing central compression</b>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

McElvain Oil & Gas Properties, Inc. would like to expand the existing central compression facilities in our Hanging Rock Field by laying approximately ± 3,043 feet of 4" steel pipe line in order to connect 3 additional wells to our current 5 well central compression system. No additional surface disturbance is necessary as the central delivery point meter and compressor are already in place. The 3 additional wells, situated on federal lease # UTU-70239, consist of the Tucker Federal #8-2, Tucker Federal #8-4, and Tucker Federal #8-6 wells. The existing central compression system is currently comprised of the Tucker Federal # 8-12 well, also on federal lease # UTU-70239, and 4 wells on federal lease # UTU-66426 including the Hanging Rock Federal # 7-2, 7-6, 7-8 and 7-10 wells. The new pipe line would lie on cap rock, above ground and adjoin the existing road. A map is attached indicating well spots and the pertinent proposed and existing pipe lines. Also attached is a detailed letter explaining the proposed project and a list wells that will make up the central compression system.

COPY SENT TO OPERATOR

Date: 5/31/07  
Initials: CMO

RECEIVED

MAY 24 2007

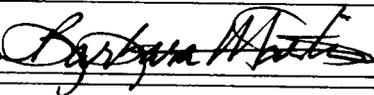
14. I hereby certify that the foregoing is true and correct.

Name (Printed/Typed)  
Barbara Martin

DIV. OF OIL, GAS & MINING

Title Engineer

Signature



Date 05/11/2007

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
Office

Federal Approval Of This  
Date Action Is Necessary

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

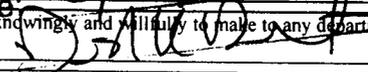
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

Date

5/22/07

By:



# McELVAIN OIL & GAS PROPERTIES, INC.

1050 17<sup>TH</sup> STREET  
SUITE 1800  
DENVER, COLORADO 80265

BARBARA MARTIN  
ENGINEER  
E-MAIL: BARBARAM@MCELVAIN.COM

TELEPHONE 303/893-0933 EXT. 345  
FAX 303/893-0914

May 11, 2007

McElvain Oil & Gas Properties, Inc. would like to expand our Hanging Rock Field central compression system. Expansion of the system can be accomplished with no additional surface disturbance by laying  $\pm$  3,043 feet of 4" welded, steel pipe line above ground and along an existing road right-of-way. This pipe line is necessary to connect an additional 3 producing wells (Tucker Federal # 8-2, Tucker Federal # 8-4 and Tucker Federal # 8-6) to our existing 5 well central compression system currently servicing our Hanging Rock Federal # 7-2, Hanging Rock Federal # 7-6, Hanging Rock Federal # 7-8, Hanging Rock Federal # 7-10 and the Tucker Federal # 8-12 wells. Please see the attached plat. Expansion of this system will enhance the efficiency of the existing central compressor, spread operating costs from 5 to 8 wells, lower abandonment pressures and increase ultimate gas reserves by providing for greater draw down and a lower productive economic limit. An additional benefit of this proposed expansion would be the release an exiting individual wellhead compressor and the subsequent reduction in area gas emissions by an estimated 6 tons/year.

Miscellaneous notes on this proposed project are as follows

- The required  $\pm$  3,043 feet of new pipe line will not cross any lease lines and will run between the Tucker # 8-4 and Tucker # 8-12 wells in Section 8, T12S-R24E.
- Installation is estimated to take 2 days and can be conducted from the existing road right-of-way. The pipe line will lie above ground and on cap rock. The construction of this line will entail no additional surface disturbance. The pipe line route was surveyed and an on-site review conducted by McElvain's Ivan Sadlier and the BLM's Amy Torres and Holly Villa.
- The existing central compression facility is situated on our Hanging Rock # 7-6 well-pad which is located within the boundaries of our Hanging Rock Unit. The facility includes a 100 horsepower gas compressor and a central delivery point (CDP) meter. The existing facility can easily handle the estimated 600 MCFGD of additional, anticipated gas throughput. No facility upgrade is required.
- Gas sales volumes and associated sales revenues attributable to each of the 8 wells behind this CDP meter will be determined and/or allocated as follows:
  - Non-Unit wells in Section 8 (Tucker 8-2, 8-4, 8-6 and 8-12) will be paid on a "lease basis". The reported gas volume and the associated revenue settlement for each non-unit well will be determined by direct measurement from each non-unit well's individual well-site meter. The sum of these 4 individual, non-unit well-site measured meter volumes will be defined as the "aggregate lease basis" volume.
  - Unit wells in Section 7 (Hanging Rock 7-2, 7-6, 7-8 and 7-10) will be paid according to their allocated share of the "Unit basis" volume. "Unit basis" volume is defined as "CDP meter volume minus aggregate lease basis volume". Each unit well will utilize its existing well-site meter as an "allocation meter" to determine its proportionate share of the "Unit basis" volume.
- Royalty ownership is identical for all 8 wells. The U.S. Minerals Management Service is the only royalty owner with a 12.5% royalty interest in all 8 wells.
- The wellhead compressor currently operating on the Tucker # 8-4 well-site will be released following expansion of the current system. Removal of this individual wellhead compressor will reduce area gas emissions by more than 6 tons/year.

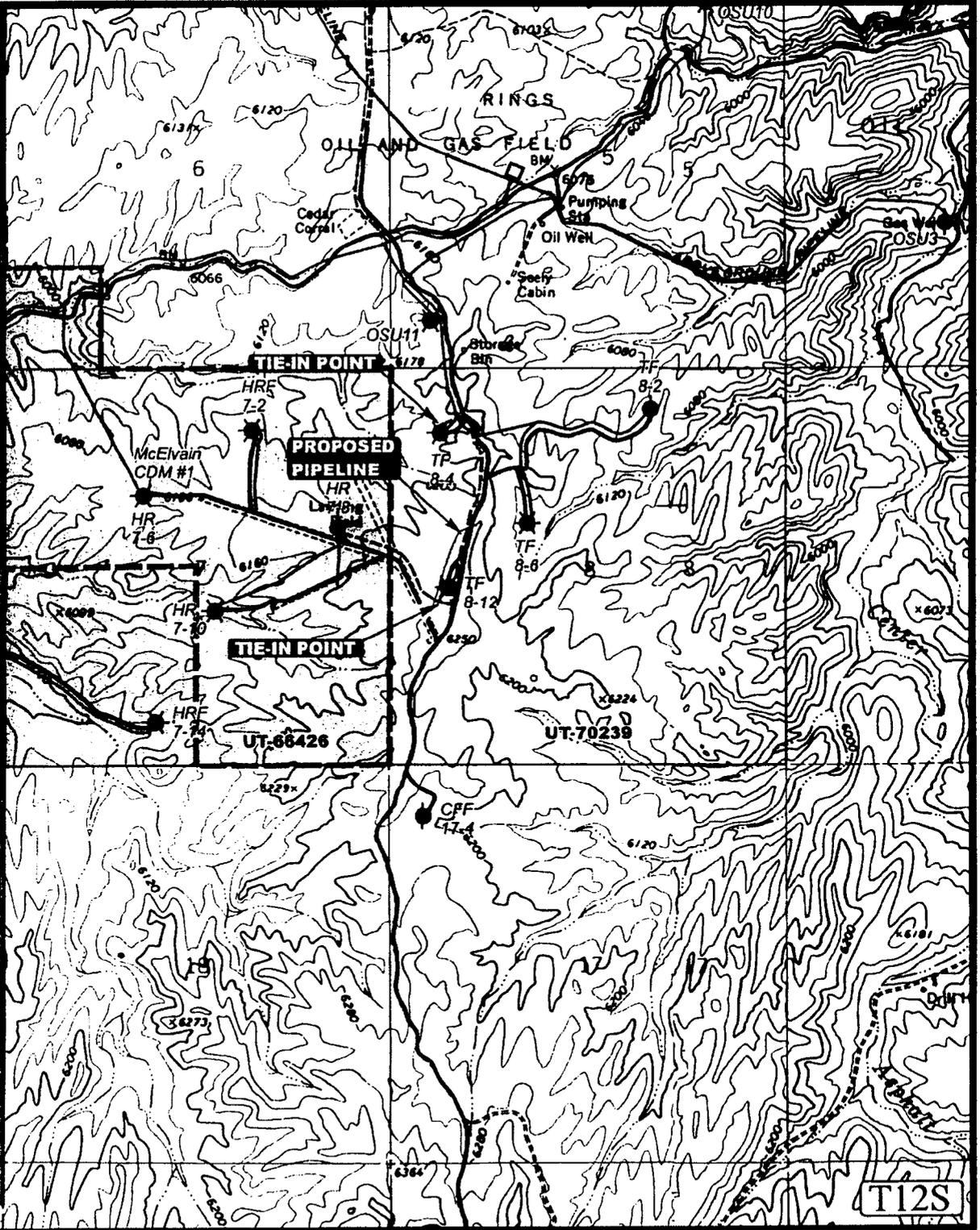
Sincerely,

Barbara Martin

**McElvain Oil and Gas Properties, Inc.  
Proposed Well Connects to Hanging Rock Central Compression System**

<u>Lease Number</u>	<u>Well Name</u>	<u>API #</u>	<u>Well Location</u>	<u>Station/Meter Number</u>	<u>Remarks</u>
	McElvain CDM #1	N/A			
UTU-66426	Hanging Rock Federal # 7 - 2	43-047-35084	SENE Sec. 7, T12S-R24E	70214	Existing Sales Meter for Hanging Rock Central Compression System
UTU-66426	Hanging Rock Federal # 7 - 6	43-047-32751	NWNE Sec. 7, T12S-R24E	70127	Existing Hanging Rock Central Compression System Well
UTU-66426	Hanging Rock Federal # 7 - 8	43-047-32937	SENE Sec. 7, T12S-R24E	50290	Existing Hanging Rock Central Compression System Well
UTU-66426	Hanging Rock Federal # 7 - 10	43-047-33100	SENE Sec. 7, T12S-R24E	10178	Existing Hanging Rock Central Compression System Well
UTU-70239	Tucker Federal # 8 - 12	43-047-34729	NWSE Sec. 7, T12S-R24E	50284	Existing Hanging Rock Central Compression System Well
UTU-70239	Tucker Federal # 8 - 2	43-047-32993	NWSW Sec. 8, T12S-R24E	70092	Existing Hanging Rock Central Compression System Well
UTU-70239	Tucker Federal # 8 - 4	43-047-32872	NWSW Sec. 8, T12S-R24E	50240	Proposed Addition to Hanging Rock Central Compression System
UTU-70239	Tucker Federal # 8 - 6	43-047-36837	NWSW Sec. 8, T12S-R24E	10027	Proposed Addition to Hanging Rock Central Compression System
				70368	Proposed Addition to Hanging Rock Central Compression System

R  
24  
E



APPROXIMATE TOTAL PIPELINE DISTANCE = 3,043' +/-

**LEGEND:**

- EXISTING PIPELINE
- - - PROPOSED PIPELINE
- PROPOSED ACCESS
- HANGING ROCK UNIT LINE
- UT-57455
- UT-66426
- UT-70239

McElvain Oil & Gas Properties, Inc.  
 Hanging Rock Central Compression System  
 SECTION 8, T12S, R24E, S.L.B.&M.



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



TOPOGRAPHIC MAP  
 8 17 06  
 MONTH DAY YEAR  
 SCALE: 1" = 2000' DRAWN BY: J.L.G. REVISED: 5-11-07

D  
 TOPO

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: March 31, 2007

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

5. Lease Serial No.  
**UTU-70239**

6. If Indian, Allottee or Tribe Name  
**na**

7. If Unit or CA/Agreement, Name and/or No.  
**na**

8. Well Name and No.  
**Tucker Federal # 8 - 6**

9. API Well No.  
**43-047-36837**

10. Field and Pool, or Exploratory Area  
**Oil Springs**

11. County or Parish, State  
**Uintah County, Utah**

**SUBMIT IN TRIPLICATE- Other instructions on reverse side.**

1. Type of Well  
 Oil Well   Gas Well  Other

2. Name of Operator **McElvain Oil & Gas Properties, Inc.**

3a. Address **1050 - 17th Street, Suite 1800 Denver, Colorado 80265**

3b. Phone No. (include area code) **303.893.0933**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**2078' FNL & 1801' FWL (SENW) Sec. 8, T12S-R24E SLB&M**

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input checked="" type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

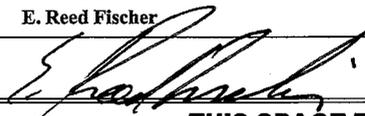
**The referenced well had been shut-in for longer than 90 days. This sundry notice of intent is submitted to notify the BLM of the resumption of production. The well resumed production on Wednesday, November 18th and is now selling gas.**

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

**E. Reed Fischer**

Title **Senior Operations Engineer**

Signature



Date

**11/20/2009**

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by \_\_\_\_\_

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

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(Instructions on page 2)

**RECEIVED**

**NOV 23 2009**

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

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET (for state use only)**

**ROUTING**  
 1. CDW

Change of Operator (Well Sold)

**X - Operator Name Change**

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

**8/11/2011**

<b>FROM:</b> (Old Operator): N2100-McElvain Oil & Gas Properties, Inc. 1050 17th Street, Suite 2500 Denver, CO 80265 Phone: 1 (303) 893-0933	<b>TO:</b> ( New Operator): N3795-McElvain Energy, Inc. 1050 17th Street, Suite 2500 Denver, CO 80265 Phone: 1 (303) 893-0933
--	---

CA No.			Unit:					
WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
<b>SEE ATTACHED LIST - 13 Wells</b>								

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 8/30/2011
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 8/30/2011
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 8/30/2011
- Is the new operator registered in the State of Utah: \_\_\_\_\_ Business Number: 8078926-0143
- (R649-9-2)Waste Management Plan has been received on: \_\_\_\_\_
- Inspections of LA PA state/fee well sites complete on: n/a
- Reports current for Production/Disposition & Sundries on: ok
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM not yet BIA
- Federal and Indian Units:**  
 The BLM or BIA has approved the successor of unit operator for wells listed on: not yet
- Federal and Indian Communization Agreements ("CA"):**  
 The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: n/a

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 8/31/2011
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 8/31/2011
- Bond information entered in RBDMS on: n/a
- Fee/State wells attached to bond in RBDMS on: n/a
- Injection Projects to new operator in RBDMS on: n/a
- Receipt of Acceptance of Drilling Procedures for APD/New on: 8/30/2011

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: COB000010
- Indian well(s) covered by Bond Number: n/a
- (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number n/a
- The **FORMER** operator has requested a release of liability from their bond on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

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

**COMMENTS:**

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

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

		5. LEASE DESIGNATION AND SERIAL NUMBER:
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		8. WELL NAME and NUMBER: <b>SEE ATTACHED LIST</b>
2. NAME OF OPERATOR: McElvain Oil & Gas Properties, Inc. <i>N2100</i>		9. API NUMBER:
3. ADDRESS OF OPERATOR: 1050 17th St, Suite 2500 CITY Denver STATE CO ZIP 80265		10. FIELD AND POOL, OR WILDCAT:
4. LOCATION OF WELL FOOTAGES AT SURFACE: COUNTY:  QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: STATE: <b>UTAH</b>		

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

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

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

McElvain Oil & Gas Properties, Inc. has changed it's name to McElvain Energy, Inc. Effective August 11, 2011. This is ONLY a name change.

*N3795*

Our BLM Bond # is COB - 000010

Attached is a well list.

NAME (PLEASE PRINT) <u>Deborah Powell</u>	TITLE <u>Eng Tech Manager</u>
SIGNATURE <u><i>Deborah Powell</i></u>	DATE <u>8/29/2011</u>

(This space for State use only)  
**APPROVED** 8/31/2011  
*Earlene Russell*  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician (See Instructions on Reverse Side)

**RECEIVED**  
**AUG 30 2011**  
DIV. OF OIL, GAS & MINING

well_name	sec	twp	rng	api	entity	lease	well	stat	l_num
CENTER FORK F 17-4	17	120S	240E	4304732750	12038	Federal	GW	S	UTU-75206
TOBY FEDERAL F 6-15	06	120S	240E	4304732757	12037	Federal	GW	P	UTU-08424A
ROSEWOOD FED 28-8	28	110S	220E	4304732840	12442	Federal	GW	S	UTU-65355
HANGING ROCK FED I 1-4	01	120S	230E	4304732855	12389	Federal	GW	S	UTU-57455
TUCKER FEDERAL F 8-4	08	120S	240E	4304732872	12125	Federal	GW	P	UTU-70239
TUCKER FEDERAL F 8-2	08	120S	240E	4304732993	12386	Federal	GW	P	UTU-70239
TUCKER FED 8-12	08	120S	240E	4304734729	13740	Federal	GW	S	UTU-70239
HANGING ROCK FED 11-9	11	120S	230E	4304734730	14017	Federal	GW	P	UTU-57455
HANGING ROCK 1-8	01	120S	230E	4304736042	15514	Federal	GW	P	UTU-57455
TUCKER FED 8-6	08	120S	240E	4304736837	15513	Federal	GW	P	UTU-70239
TUCKER FED 8-10	08	120S	240E	4304739187	16399	Federal	GW	S	UTU-70239
HANGING ROCK FED 1-2	01	120S	230E	4304739430	16400	Federal	GW	S	UTU-57455
ATCHEE WASH 33-9	33	100S	230E	4304740631		Federal	OW	APD	UTU-73451

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET (for state use only)**

ROUTING  
 CDW

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

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective: **8/1/2014**

<b>FROM:</b> (Old Operator): McElvain Energy, Inc. N3795 1050 17th Street, Suite 2500 Denver, CO 80265 303-893-0933	<b>TO:</b> ( New Operator): Onshore Royalties, LLC N4140 P.O. Box 2326 Victoria, TX 77902 361-570-1600
---	--

WELL NAME	CA No.	SEC	TWN	RNG	API NO	Unit:	Haning Rock	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
See Attached List											

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 8/14/2014
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 8/14/2014
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 8/15/2014
- Is the new operator registered in the State of Utah: \_\_\_\_\_ Business Number: 9116573-0161
- (R649-9-2)Waste Management Plan has been received on: N/A
- Inspections of LA PA state/fee well sites complete on: N/A
- Reports current for Production/Disposition & Sundries on: 8/15/2014
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM Not Yet BIA N/A
- Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: Not Yet
- Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
- Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to **Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 9/15/2014
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 9/15/2014
- Bond information entered in RBDMS on: N/A
- Fee/State wells attached to bond in RBDMS on: N/A
- Injection Projects to new operator in RBDMS on: N/A
- Receipt of Acceptance of Drilling Procedures for APD/New on: N/A
- Surface Agreement Sundry from **NEW** operator on Fee Surface wells received on: N/A

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: UTB000644
- Indian well(s) covered by Bond Number: N/A
- (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number N/A
- The **FORMER** operator has requested a release of liability from their bond on: N/A

**LEASE INTEREST OWNER NOTIFICATION:**

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

**COMMENTS:**

McElvain Energy, Inc N3795 to Onshore Royalties, LLC. N4140  
 Effective 8/1/2014

Well Name	Section	TWN	RNG	API Number	Entity	Mineral Lease	Well Type	Well Status	Unit
HANGING ROCK FEDERAL 24-13	24	110S	230E	4304732603	11723	Federal	GW	P	HANGING ROCK
HANGING ROCK FEDERAL I 1-16	1	120S	230E	4304732679	11889	Federal	GW	P	HANGING ROCK
HANGING ROCK FEDERAL I 12-4	12	120S	230E	4304732748	11889	Federal	GW	P	HANGING ROCK
HANGING ROCK FEDERAL F 7-6	7	120S	240E	4304732751	11889	Federal	GW	P	HANGING ROCK
TOBY FEDERAL F 6-15	6	120S	240E	4304732757	12037	Federal	GW	P	
HANGING ROCK FEDERAL I 1-14	1	120S	230E	4304732871	11889	Federal	GW	P	HANGING ROCK
TUCKER FEDERAL F 8-4	8	120S	240E	4304732872	12125	Federal	GW	P	
HANGING ROCK I 11-8	11	120S	230E	4304732935	12306	Federal	GW	P	HANGING ROCK
HANGING ROCK F 7-10	7	120S	240E	4304733100	12400	Federal	GW	P	HANGING ROCK
HANGING ROCK FED 11-9	11	120S	230E	4304734730	14017	Federal	GW	P	
HANGING ROCK I-8	1	120S	230E	4304736042	15514	Federal	GW	P	
TUCKER FED 8-6	8	120S	240E	4304736837	15513	Federal	GW	P	
CENTER FORK F 17-4	17	120S	240E	4304732750	12038	Federal	GW	S	
ROSEWOOD FED 28-8	28	110S	220E	4304732840	12442	Federal	GW	S	
HANGING ROCK FED I 1-4	1	120S	230E	4304732855	12389	Federal	GW	S	
HANGING ROCK FED F 7-8	7	120S	240E	4304732937	12305	Federal	GW	S	HANGING ROCK
TUCKER FEDERAL F 8-2	8	120S	240E	4304732993	12386	Federal	GW	S	
TUCKER FED 8-12	8	120S	240E	4304734729	13740	Federal	GW	S	
HANGING ROCK FED 7-2	7	120S	240E	4304735084	14019	Federal	GW	S	HANGING ROCK
TUCKER FED 8-10	8	120S	240E	4304739187	16399	Federal	GW	S	
HANGING ROCK FED 1-2	1	120S	230E	4304739430	16400	Federal	GW	S	

RECEIVED

AUG 14 2014

FORM 9

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

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: McElvain Energy, Inc. N3795		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1050 17th St, Suite 2500 CITY Denver STATE CO ZIP 80265		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: COUNTY:		8. WELL NAME and NUMBER: Attached
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: STATE: UTAH		9. API NUMBER:
		10. FIELD AND POOL, OR WILDCAT:

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

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

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

McElvain Energy, Inc. current operator of the attached wells, has sold all wells on the attached list to:

Onshore Royalties, LLC  
P.O. Box 2326  
Victoria, TX 77902

N4140

Utah Operator # N4140  
Effective 8/1/2014

McElvain Energy, Inc.

*Steven W. Shefte*

Steven W. Shefte  
Vice President -COO

Onshore Royalties, LLC.

*Michael Hahn*

Michael Hahn  
Operations Manager

BLM Bond: UTB000644

NAME (PLEASE PRINT) Deborah Powell	TITLE Eng Tech Manager
SIGNATURE <i>Deborah Powell</i>	DATE 8/13/2014

(This space for State use only)

APPROVED

SEP 15 2014

DIV. OIL GAS & MINING  
BY: *Rachel Medina*

State of Utah  
 Department of Natural Resources  
 Division of Oil, Gas & Mining

Change of Operator From McElvain Energy, LLC (N3795)  
 To: Onshore Royalties, LLC (N4140)

Well Name	API	Legal	Status	Well Type	Utah ID	BLM ID
Center Fork F 17-4	43-047-32750	T12S R24E Sec 17 NWNW	S	GW	12038	UTU75206
Hanging Rock Fed 11-9	43-047-34730	T12S R23E Sec 11 NESE	P	GW	14017	UTU57455
Hanging Rock Fed 1-2	43-047-39430	T12S R23E Sec 1 NWNE	S	GW	16400	UTU57455
Hanging Rock Fed 1-8	43-047-36042	T12S R23E Sec 1 SENE	P	GW	15514	UTU57455
Hanging Rock Fed 7-2	43-047-35084	T12S R24E Sec 7 NWNE	S	GW	14019	UTU73518B
Hanging Rock Fed I 1-14	43-047-32871	T12S R23E Sec 1 SESW	P	GW	11889	UTU73518B
Hanging Rock Fed 24-13	43-047-32603	T11S R23E Sec 24 SWSW	P	GW	11723	UTU73518A
Hanging Rock Fed 7-6	43-047-32751	T12S R24E Sec 7 SENW	P	GW	11889	UTU73518B
Hanging Rock Fed 7-8	43-047-32937	T12S R24E Sec 7 SENE	S	GW	12305	UTU73518B
Hanging Rock Fed F 7-10	43-047-33100	T12S R24E Sec 7 NWSE	P	GW	12400	UTU73518B
Hanging Rock Fed I 1-16	43-047-32679	T12S R23E Sec 1 SESE	P	GW	11889	UTU73518B
Hanging Rock Fed I 11-8	43-047-32935	T12S R23E Sec 11 SENE	P	GW	12306	UTU73518B
Hanging Rock Fed I 1-4	43-047-32855	T12S R23E Sec 1 NWNW	S	GW	12389	UTU57455
Hanging Rock Fed I-12-4	43-047-32748	T12S R23E Sec 12 NWNW	P	GW	11889	UTU73518B
Rosewood Fed 28-8	43-047-32840	T11S R22E Sec 28 SENE	S	GW	12442	UTU65355
Toby Federal F 6-15	43-047-32757	T12S R24E Sec 6 SWSE	P	GW	12037	UTU08424A
Tucker Fed 8-10	43-047-39187	T12S R24E Sec 8 NWSE	S	GW	16399	UTU70239
Tucker Fed 8-12	43-047-34729	T12S R24E Sec 8 NWSW	S	GW	13740	UTU70239
Tucker Fed 8-6	43-047-36837	T12S R24E Sec 8 SENW	P	GW	15513	UTU70239
Tucker Fed F 8-2	43-047-32993	T12S R24E Sec 8 NWNE	P	GW	12386	UTU70239
Tucker Fed F 8-4	43-047-32872	T12S R24E Sec 8 NWNW	P	GW	12125	UTU70239