

**APPLICATION FOR TRANSPORTATION AND
UTILITY SYSTEMS AND FACILITIES
ON FEDERAL LANDS**

4304737399
FORM APPROVED 6523E32
OMB NO. 1004-0060
Expires: December 31, 2001

FOR AGENCY USE ONLY

NOTE: Before completing and file application, the applicant should completely review this package and schedule a preapplication meeting with representatives of the agency responsible for processing the application. Each agency may have specific and unique requirements to be met in preparing and processing the application. Many times, with help of the representative, the application can be completed at the application meeting.

Application Number

Date Filed

1 Name and address of the applicant (include Zip code)
**The Houston Exploration Company
1100 Louisiana, Suite 2000
Houston, TX 77002**

2 Name, title, and address of authorized agent if different from item 1 (include zip code)
**William A Ryan
290 S 800 E
Vernal, UT 84078**

3 TELEPHONE (area code)
Applicant
713-830-6800
Authorized Agent
435-789-0968

4

- a Individual
- b Corporation*
- c Partnership/Association*
- d State Government/State Agency
- e Local Government
- f Federal Agency

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* If checked complete supplemental page

6 If an individual, or partnership are you a citizen(s) of the United States?

7 Project description (describe in detail): (a) Type of system or facility, e.g., canal, pipeline, road);(b) related structures and facilities; (c) physical specifications (length, width, grade, etc.); (d) term of years needed; (e) time of year of use or operation; (f) Volume or amount of production to be transported; (g) duration and time of construction; and (h) temporary work area needed for construction (Attach additional sheets, if additional space is needed.)

- a. **Application for Right-of Way for a 4" surface gas pipeline.**
- b. **No related structures or facilities will be required on Federal lands.**
- c. **Pipeline length of 11,050' +/-, 15' width. 30' temporary width during construction.**
- d. **30 years or the production life of the well.**
- e. **Year round.**
- f. **Approximately 2,000 mcf/day of dry gas.**
- g. **One week.**
- h. **None.**

8 Attach a map covering area and show location of proposal

9 State or Local government approval Attached Applied for Not Required

10 Nonreturnable application fee: Attached Not Required

11 Does Project cross international or affect international waterways? Yes No

12 Give statement of your technical and financial capability to conduct, operate, maintain, and terminate system for which authorization is being requested
The Houston Exploration Company has conducted operations on Federal Lands for more than ten years. The Houston Exploration Company has designed and constructed numerous gathering pipelines with the BLM, Vernal Field Office. The Houston Exploration Company has the financial capability to construct, operate, maintain and terminate the proposed gathering system.

(continued on reverse)

COPY SENT TO OPERATOR
Date: 11-22-05
Initials: CHD

RECEIVED

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NOV 17 2005

DIV. OF OIL, GAS & MINING

Right-of-Way Plan of Development

4" Surface Pipeline

The Houston Exploration Company

North Walker Hollow 2-32-6-23

Sec. 32, T6S, R23E

API # 43-047-37399

The Houston Exploration Company has proposed the construction of a pipeline on BLM administered lands. The following information is provided as a supplement to the right-of-way application.

PIPELINE

A. Description of the Facility

1. Purpose and Need for the Right-of-Way Facility.

- a. The proposed surface pipeline will transport dry gas from proposed wells in Section 32, T6S, R23E to a proposed gathering line in Section 9, T7S, R23E.
- b. The pipeline will be part of a gathering system.
- c. The pipeline will be a 4" steel line. The line will be a surface line due to sensitive soils and the topography of the area.
- d. The line will be welded at a location pad and pulled down the proposed access road. The line will then be boomed off to the east side of the access road. The width of the right-of-way will be 15 feet, with a temporary width of 30' during the construction of the gathering line.

2. Facility Design Factors

- a. The pipeline will operate at less than 500 psi. The line will transport *dry* gas. The soils in the area are stable. The operating temperature of the gathering system will reflect the day and nighttime temperature of the area.
- b. NA

3. Additional Components of the Right-of-Way

- a. The proposed pipeline will tie into a proposed pipeline in Section 9, T 7 S, R 23 E
- b. The operator has no plans for a compressor or pumping stations at this time.

4. Governmental Agency Involvement

- a. NA
- b. NA

5. Right-of-Way Location

- a. Please see attached map.
- b. NA
- c. Please see attached map.
- d. Please see attached map.
- e. BLM Surface Pipeline

STATE	Length 4,800 ft +/-, width 15 feet	Section 32, T6S, R23E
BLM	Length 3,500 ft +/-, width 15 feet	Section 5, T7S, R23E
BLM	Length 5,000 ft +/-, width 15 feet	Section 4, T7S, R23E
BLM	Length 2,550 ft +/-, width 15 feet	Section 9, T7S, R23E

BLM acreage pipeline $11,050' \times 15' = 165,750'$ $165,750' / 43,560 = 3.80$ acres

6. Resource Values and Environmental Concerns

- a. An archeological survey has been conducted on the location and pipeline.
- b. A copy of the survey will be forwarded to your office.

7. Construction of the Facility

- a. NA
- b. NA
- c. NA

8. Stabilization and Rehabilitation

- a. Please see # 10.

9. Operation and Maintenance of the Facility

- a. Additional construction or expansions are not planned at this time.
- b. Additions or removal of the pipe is not anticipated at this time.
- c. All maintenance will be restricted to the right-of-way.
- d. The operator has no plans to hydro-statically test the pipeline.

10. Termination and Restoration

- a. The operator will remove the 4" pipeline at the termination of the right-of-way unless requested to do otherwise by the Authorized Officer. Prior to removing the 15,850' of pipe, an onsite will be held with the BLM to insure removal and reclamation will conform to all applicable BLM regulations and requirements.

R
23
E

**PROPOSED LOCATION:
NORTH WALKER HOLLOW
#2-32-6-23**

PROPOSED ACCESS ROAD

PROPOSED PIPELINE

**T6S
T7S**

EXISTING PIPELINE

TIE-IN POINT

APPROXIMATE TOTAL PIPELINE DISTANCE = 15,850' +/-

LEGEND:

-  PROPOSED ACCESS ROAD
-  EXISTING PIPELINE
-  PROPOSED PIPELINE



THE HOUSTON EXPLORATION COMPANY

**NORTH WALKER HOLLOW #2-32-6-23
SECTION 32, T6S, R23E, S.L.B.&M.
581' FNL 1945' FEL**



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

**TOPOGRAPHIC
MAP**

07 28 05
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: P.M. REVISED: 00-00-00

**D
TOPO**

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

FORM 3

AMENDED REPORT
(highlight changes)

APPLICATION FOR PERMIT TO DRILL		5. MINERAL LEASE NO: ML-47777	6. SURFACE: State
1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>		7. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
B. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____ SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>		8. UNIT or CA AGREEMENT NAME:	
2. NAME OF OPERATOR: The Houston Exploration Company		9. WELL NAME and NUMBER: North Walker Hollow 2-32-6-23	
3. ADDRESS OF OPERATOR: 1100 Louisiana Suite 20 CITY Houston STATE TX ZIP 77002		PHONE NUMBER: (713) 830-6800	10. FIELD AND POOL, OR WILDCAT: Undesignated
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 581' FNL & 1945' FEL 64 0191X 40, 26 4128 AT PROPOSED PRODUCING ZONE: same as above 4458167Y -109, 351352		11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 32 T6S 23E	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 24.6 miles south of Vernal, UT		12. COUNTY: Uintah	13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 581'	16. NUMBER OF ACRES IN LEASE: 640	17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 40	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) 1,700'	19. PROPOSED DEPTH: 9,000	20. BOND DESCRIPTION: 104155044	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 4,917 GR	22. APPROXIMATE DATE WORK WILL START: 11/15/2005	23. ESTIMATED DURATION: 30 Days	

24. **PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT			
11"	8 5/8" J-55 36#	2,000	PREMIUM LITE II	250 SKS	3.38 CF	11.0 PPG
			CLASS "G"	329 SKS	1.2 CF	15.6 PPG
			Calcium Chloride	200 SKS	1.10 CF	15.6 PPG
7 7/8"	4 1/2" N-80 11.6#	9,000	PREMIUM LITE II	200 SKS	3.3 CF	11.0 PPG
			CLASS "G"	400 SKS	1.56 CF	14.3 PPG

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25. **ATTACHMENTS**

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

<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input checked="" type="checkbox"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER	<input type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

NAME (PLEASE PRINT) William A. Ryan TITLE Agent
SIGNATURE *William A. Ryan* DATE 11-7-09

(This space for State use only)

API NUMBER ASSIGNED: 43-047-37399

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

APPROVAL
Date: 01-23-06
By: *[Signature]*
(See Instructions on Reverse Side)

RECEIVED
NOV 17 2005

DIV. OF OIL, GAS & MINING

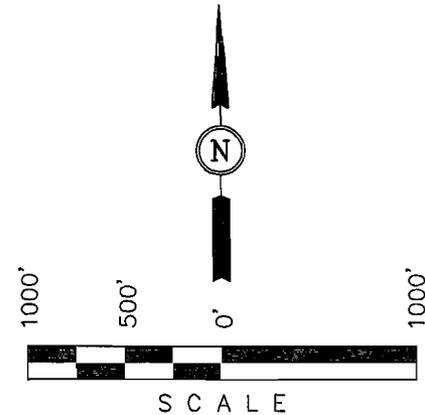
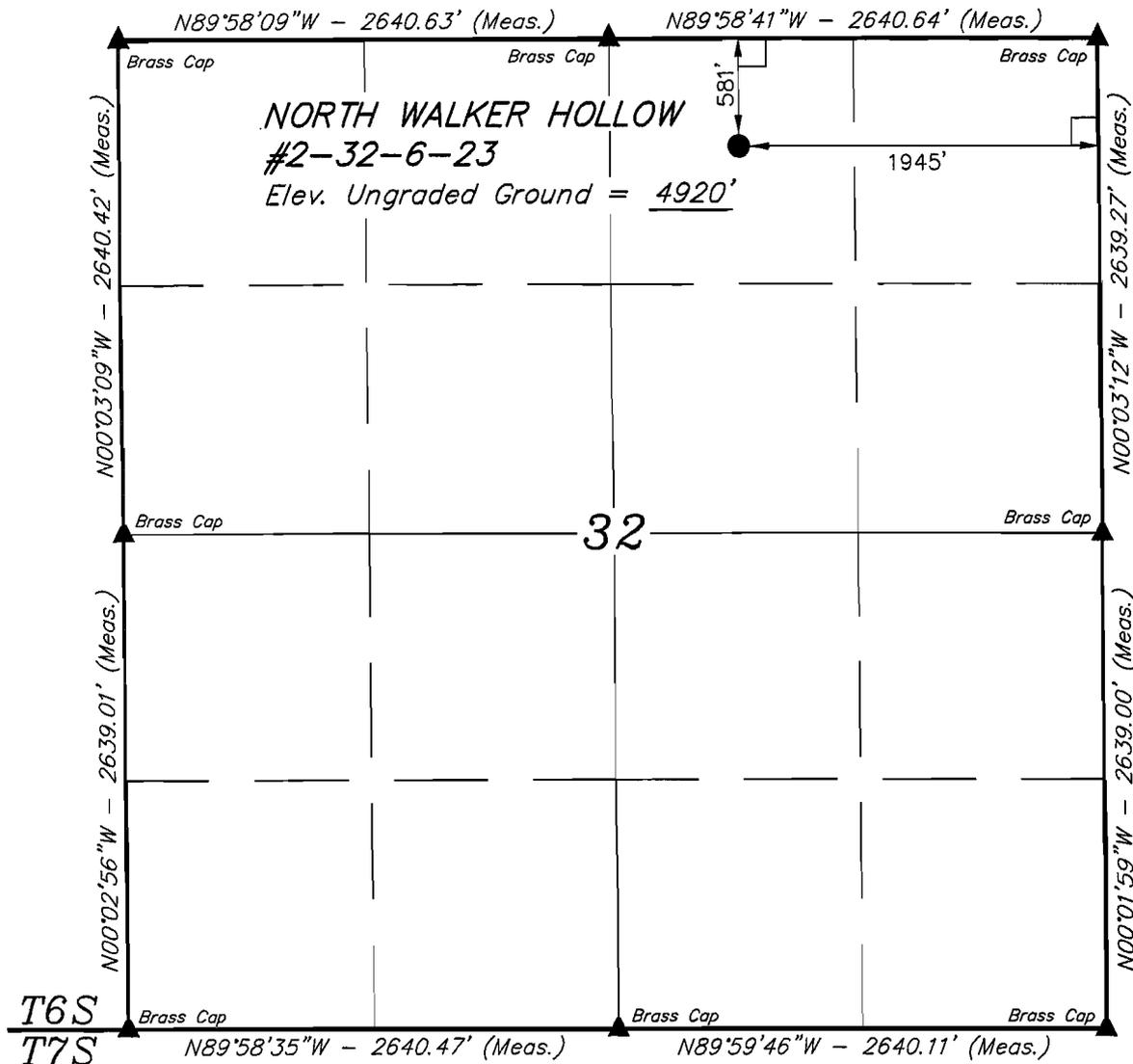
T6S, R23E, S.L.B.&M.

THE HOUSTON EXPLORATION COMPANY

Well location, NORTH WALKER HOLLOW
 #2-32-6-23, located as shown in the NW 1/4
 NE 1/4 of Section 32, T6S, R23E, S.L.B.&M.
 Uintah County, Utah.

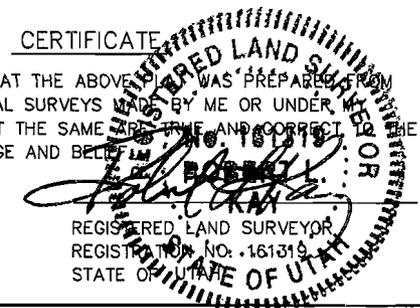
BASIS OF ELEVATION

SPOT ELEVATION AT THE SOUTHEAST CORNER OF SECTION
 32, T6S, R23E, S.L.B.&M. TAKEN FROM THE JENSEN
 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 4959 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.



REGISTERED LAND SURVEYOR
 REGISTRATION NO. 161319
 STATE OF UTAH

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

(AUTONOMOUS NAD 83)
 LATITUDE = 40°15'50.93" (40.264147)
 LONGITUDE = 109°21'07.22" (109.352006)
 (AUTONOMOUS NAD 27)
 LATITUDE = 40°15'51.06" (40.264183)
 LONGITUDE = 109°21'04.76" (109.351322)

LEGEND:

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

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

SCALE 1" = 1000'	DATE SURVEYED: 07-20-05	DATE DRAWN: 07-25-05
PARTY N.H. D.S. P.M.	REFERENCES G.L.O. PLAT	
WEATHER HOT	FILE THE HOUSTON EXPLORATION COMPANY	

Ten Point Plan

The Houston Exploration Company

North Walker Hollow #2-32-6-23

Surface Location NW ¼ NE ¼, Section 32, T. 6S., R. 23E.

1. Surface Formation

Green River

2. Estimated Formation Tops and Datum:

<u>Formation</u>	<u>Depth</u>	<u>Datum</u>
GR	Surface	4,917'
KB	+12'	4,929'
Green River	3,139'	+1,790'
Wasatch	6,139'	-1,210'
Mesaverda	8,639'	-3,710'TD

A 11" hole will be drilled to 2,000' +/- . The hole depth will depend on the depth that the Birds Nest Zone is encountered. The hole will be drilled 400' beyond the top of the Birds Nest.

3. Producing Formation Depth:

Formation objective includes the Green River, Wasatch, Mesaverde and its sub-members.

Off set well information

Permitted/Drilled:

North Walker Hollow #8-32-6-23
North Walker Hollow #10-32-6-23
North Walker Hollow #12-32-6-23
North Walker Hollow #16-32-6-23

Abandoned Wells:

WHU #3

4. Proposed Casing:

<u>Hole Size</u>	<u>Casing Size</u>	<u>Weight/FT</u>	<u>Grade</u>	<u>Coupling & Tread</u>	<u>Casing Depth</u>	<u>New/Used</u>
11	8 5/8	36#	J-55	STC	2000	NEW
7 7/8	4 1/2	11.6#	N-80	LTC	T.D.	NEW

Cement Program:

The Surface Casing will be cemented to the Surface as follows:

	<u>Casing Size</u>	<u>Cement Type</u>	<u>Cement Amounts</u>	<u>Cement Yield</u>	<u>Cement Weight</u>
Lead:	8 5/8	Premium Lite II .05#/sk Static Free .25#/sk Cello Flake 5#/sk KOL Seal .002 gps FP-6L 10% Bentonite .5% Sodium Metasilicate 3% Potassium Chloride	250 sks. +/-	3.38ft ³ /sk	11.0 ppg
Tail:	8 5/8	Class "G" 2% Calcium Chloride .25#/sk Cello Flake	329 sks. +/-	1.2ft ³ /sk	15.6 ppg
Top Job:	8 5/8	4% Calcium Chloride .25#/sk Cello Flake	200 sks. +/-	1.10ft ³ /sk	15.6 ppg

Production casing will be cemented to 2,500' or higher as follows:

	<u>Casing Size</u>	<u>Cement Type</u>	<u>Cement Amounts</u>	<u>Cement Yield</u>	<u>Cement Weight</u>
Lead:	4 1/2	Premium Lite II .25#/sk Cello Flake .05#/sk Static Free 5#/sk Kol Seal 3% Potassium Chloride .055 gps FP-6L 10% Bentonite .5 Sodium Metasilicate	200 sks +/-	3.3ft ³ /sk	11.0 ppg
Tail:	4 1/2	Class "G" .05% Static Free 2 Sodium Chloride .1% R-3 2% Bentonite	400 sks +/-	1.56ft ³ /sk	14.3 ppg

5. BOP and Pressure Containment Data:

The anticipated bottom hole pressure will be less than 3000 psi.

A 3000-psi WP BOP system as described in the BOP and Pressure Containment Data (attached) will be installed and maintained from the 8 5/8" surface casing. The BOP system including the casing will be pressure tested to minimum standards set forth in "On Shore Order #2". The BOP will be mechanically checked daily during the drilling operation.

6. Mud Program:

<u>Interval</u>	<u>Mud weight lbs./gal.</u>	<u>Viscosity Sec./OT.</u>	<u>Fluid Loss MI/30 Mins.</u>	<u>Mud Type</u>
0-2000	Air/Clear Water	-----	No Control	Water/Gel
2000-T.D.	8.4-12.0	30	8-10	Water/Gel

7. Auxiliary Equipment

Upper Kelly cock, full opening stabbing valve, 2 ½" choke manifold and pit level indicator.

8. Testing, Coring, Sampling and Logging:

- a) Test: None are anticipated.
- b) Coring: There is the possibility of sidewall coring.
- c) Sampling: Every 10' from 2000' to T.D.
- d) Logging:

Type	Interval
DLL/SFL W/GR and SP	T.D. to Surf. Csg
FDC/CNL W/GR and CAL	T.D. to Surf. Csg

9. Abnormalities (including sour gas):

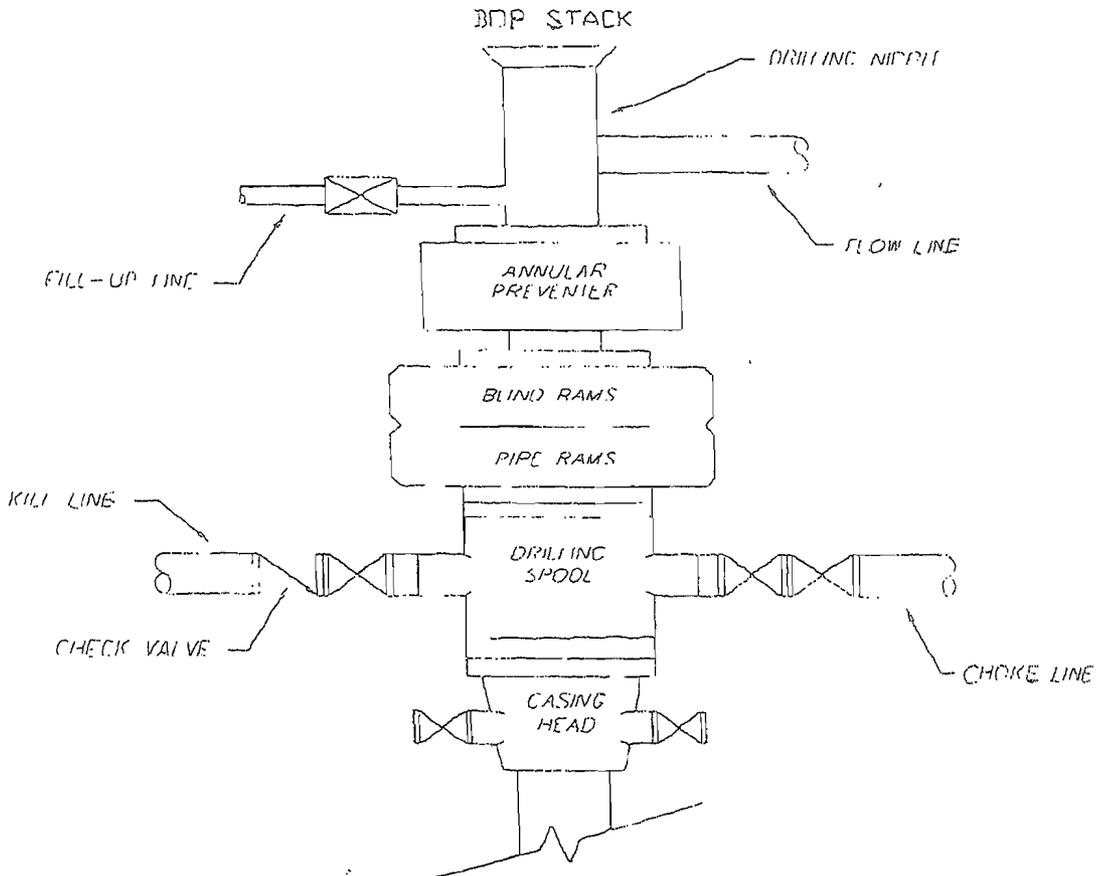
No abnormal pressures, temperatures or other hazards are anticipated. Oil and gas shows are anticipated in the Wasatch Formation. Other wells drilled in the area have not encountered over pressured zones or H2S.

10. Drilling Schedule:

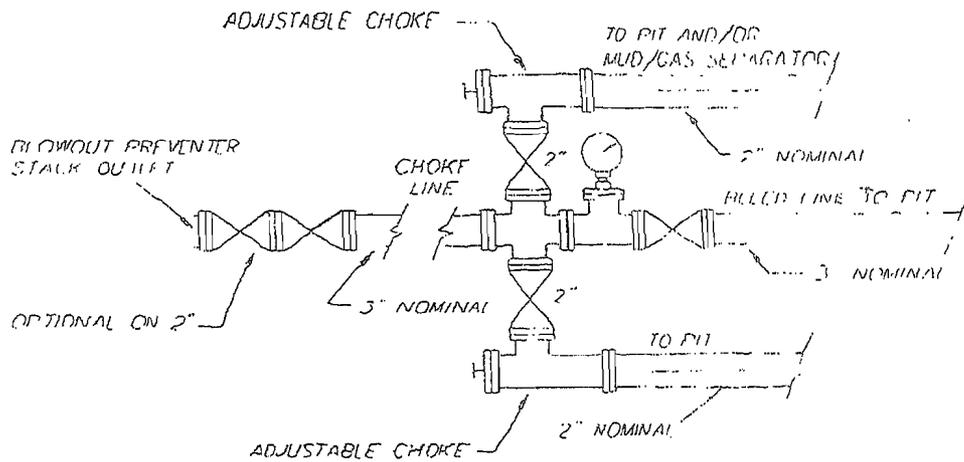
The anticipated starting date is 1/1 /2005 . Duration of operations is expected to be 30 days.

THE HOUSTON EXPLORATION COMPANY

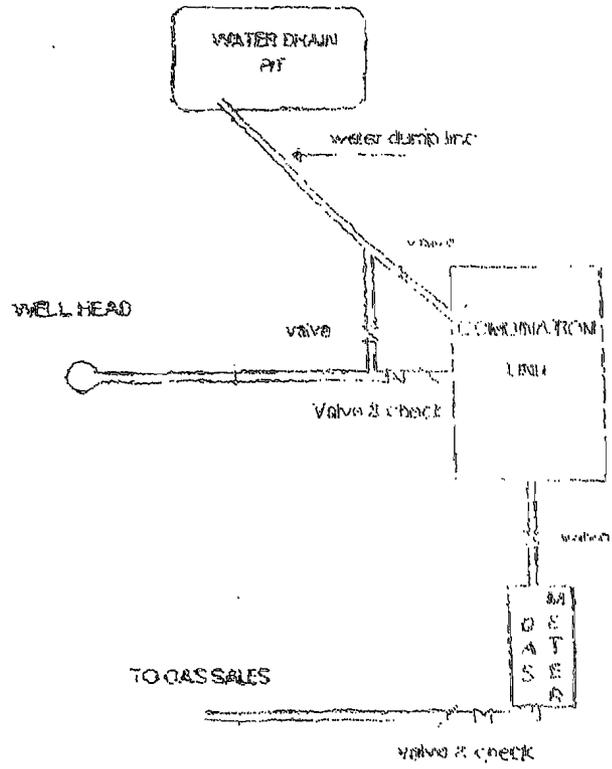
TYPICAL 3,000 p.s.i. BLOWOUT PREVENTER SCHEMATIC



TYPICAL 3,000 p.s.i. CHOKE MANIFOLD SCHEMATIC



TYPICAL
GAS WELL



THE HOUSTON EXPLORATION COMPANY

13 POINT SURFACE USE PLAN

FOR WELL

North Walker Hollow #2-32-6-23

LOCATED IN NW $\frac{1}{4}$ NE $\frac{1}{4}$

SECTION 32, T.6S, R23E, S.L.B.&M.

UINTAH COUNTY, UTAH

LEASE NUMBER: ML-47777

SURFACE OWNERSHIP: STATE

1. Existing Roads:

To reach The Houston Exploration Co. well North Walker Hollow 2-32-6-23 Section 32, T6S, R 23E, Starting in Vernal, Utah.

Proceed in an easterly direction from Vernal, Utah along U.S. Highway 40 approximately 13.7 miles to the junction of this road and an existing road to the south; turn right and proceed in a southerly, then southwesterly, then southeasterly direction approximately 8.4 miles to the junction of this road and an existing road to the southeast; turn left and proceed in a southeasterly direction approximately 2.5 miles to the beginning of the proposed access to the northeast; follow road flags in a northeasterly direction approximately 130' to the proposed location.

Total distance from Vernal, Utah to the proposed well location is approximately 24.6 miles. All existing roads to the proposed location are State of Utah, BLM maintained or County Class D roads. Please see the attached map for additional details.

2. Planned access road

The proposed access road will be approximately 130' +/- of new construction on lease. The road will be graded once per year minimum and maintained.

- A) Approximate length 130 ft
- B) Right of Way width 30 ft
- C) Running surface 18 ft

- D) Surface material Native soil
 - E) Maximum grade 5%
 - F) Fence crossing None
 - G) Culvert None
 - H) Turnouts None
 - I) Major cuts and fills None
 - J) Road Flagged Yes
 - K) Access road surface ownership State
 - L) All new construction on lease Yes
 - M) Pipe line crossing None
- Please see the attached location plat for additional details.

An off lease right-of-way will not be required.

All surface disturbances for the road and location will be within the lease boundary.

3. Location of existing wells

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

- A) Producing well None
- B) Water well None
- C) Abandoned well WHU #3
- D) Temp. abandoned well None
- E) Disposal well None
- F) Drilling /Permitted well
 - North Walker Hollow 8-32-6-23
 - North Walker Hollow 10-32-6-23
 - North Walker Hollow 12-32-6-23
 - North Walker Hollow 16-32-6-23
- G) Shut in wells None
- H) Injection well None
- I) Monitoring or observation well None

Please see the attached map for additional details.

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

All production facilities are to be contained within the proposed location site. Please see the attached plat plan for a typical gas well separator installation and well site piping.

All permanent (on site for more than six months or longer) structures constructed or installed will be painted an **Carlsbad Canyon** color. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded. The required paint color is **Carlsbad Canyon**.

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.

The operator will adhere to all site security guidelines and regulation identified in 43 cfr 3126.7.

All off lease storage, off lease measurement, commingling on lease or off lease, of production, will have prior written approval from the authorized officer.

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

Approximately 15,850' +/- of 3" steel surface gas gathering line would be constructed on State and Federal Lands. The line will tie

into the existing pipeline in Section 9, T7S, R23E. The pipeline would be strung and boomed to the southeast of the location. The pipeline may be buried as determined by the Authorized Officer at the onsite.

An off lease right-of-way will be required for approximately 11,050'.

Please see the attached location diagrams for pipeline location.

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

The gas meter will be calibrated and the tank strapped in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The authorized officer 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 report will be submitted to the BLM's Vernal District office and State of Utah, Division of Oil, Gas, and Mining. 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 will come from The Green River in Permit # T-76073.

6. Source of construction materials

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

7. Methods for handling waste disposal

A) Pit construction and liners:

The reserve pit will be approximately **12 ft.** 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 be lined.

The reserve pit will be used to store water for drilling. A semi-closed system will be used to drill the well. All fresh water for drilling will come from a frac tank placed on location and from the rig tank. The pit will be used to hold non-flammable materials such as 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 storage tank for a period not to exceed 90 days after initial production. During the 90-day period an application for approval for permanent disposal method and location will be submitted to the authorized officer. **Evaporation may be used instead of trucking to facilitate closing and reclamation of the reserve pit. A pumping system would be used for evaporation.**

C) Garbage:

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

D) Sewage:

A portable chemical toilet will be supplied for human waste.

E) Site clean-up:

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

8. Ancillary facilities

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

9. Well-site layout

Location dimensions are as follows:

- A) Pad length 345 ft.
- B) Pad width 245 ft.
- C) Pit depth 12 ft.
- D) Pit length 150 ft.
- E) Pit width 75 ft.
- F) Max cut 37.8 ft.
- G) Max fill 12.6 ft.
- H) Total cut yds. 17,560 cu yds
- I) Pit location North side
- J) Top soil location Northwest end
- K) Access road location South end
- L) Flare Pit corner C

Please see the attached location diagram for additional details.

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 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 ft.

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. The topsoil removed and piled will amount to approximately **1,810** cubic yards of material. Topsoil will be stockpiled in one distinct pile. Placement of the topsoil is noted on the attached location plat. The topsoil pile from the location will be seeded as soon as the soil is stock piled with the seed mix listed. 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 soil 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.

Changes to the drainage during the construction activities shall be restored to its original line of flow or as near as possible when the pit is back-filled

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 back filling, an extension on the time requirement for back filling the pit will be requested. Once reclamation activities have begun, they shall be completed within 30 days.

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 run off from seeping into the soil used to cover the reserve pit. Diversion ditches and water bars will be used to divert the run off as needed.

When restoration activities have been completed, the location site and new access road cuts and shoulders 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 topsoil is stock piled and when reclamation work is performed.

The seed mix and quantity list will be used whether the seed is broadcast or drilled.

B) Seed Mix

To be determined by the Authorized Officer.

11. Surface ownership:

Access road	State
Location	State
Pipe line	State & Federal

12. Other information:

A) Vegetation

The vegetation coverage is Slight. The majority of the existing vegetation consists of non-native species. Rabbit brush, bitter brush, and Indian Rice grass and Sagebrush are also found on the location.

B) Dwellings:

There are no dwelling or other facilities within a one-mile radius of the location.

C) Archeology:

The location has been surveyed. A copy of that survey will be forwarded to your office.

If, during operations, any 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, will be suspended and the discovery reported

promptly to the surface management agency.

been off production for more than 90 days.

D) Water:

The nearest water is the White River located 5 miles to the North.

E) Chemicals:

No pesticides, herbicides or other possible hazardous chemicals will be used without prior application.

F) Notification:

- a) Location Construction
At least forty eight (48) hours prior to construction of location and access roads.
- b) Location completion
Prior to moving on the drilling rig.
- c) Spud notice
At least twenty-four (24) hours prior to spudding the well.
- d) Casing string and cementing
At least twenty-four (24) hours prior to running casing and cementing all casing strings.
- e) BOP and related equipment tests
At least twenty-four (24) hours prior to initial pressure tests.
- f) First production notice
Within five (5) business days after the new well begins, or production resumes after well has

G) Flare pit:

The flare pit will be located in **corner C** of the reserve pit outside the pit fences and 100 feet from the bore hole on the east side of the location. All fluids will be removed from the pit within 48 hours of occurrence.

13. Lessees or Operator's representative and certification

A) Representative

William A. Ryan
Rocky Mountain Consulting
290 S 800 E
Vernal, UT 84078

Office 435-789-0968
Fax 435-789-0970
Cellular 435-828-0968

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, onshore oil and gas orders, and any applicable notices to lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

This drilling permit will be valid for a period of one year from the date of approval. After permit termination, a new

application will be filed for approval for any future operations.

B) Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill-site and access route that I am familiar with the conditions which presently exist, that the statements made in this plan are, to the best of my knowledge and belief, true and correct, and that the work associated with the operation proposed herein will be preformed by The Houston Exploration Company 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 11.14.09


William A. Ryan, Agent
Rocky Mountain Consulting

Onsite Dates:

Statement of use of Hazardous Materials

No chemical(s) from the EPA's consolidated list of Chemicals subject to Reporting under Title III of the Superfund Amendments and Reauthorization, Act (SARA) of 1986 will be used, produced, transported, stored, disposed, or associated with the proposed action. No extremely hazardous substances, as defined in 40 cfr 355, will be used, produced, stored, transported, disposed, or associated with the proposed action.

If you require additional information please contact:

William A Ryan
Agent for The Houston Exploration Company
Rocky Mountain Consulting
290 S 800 E
Vernal, UT 84078

435-789-0968 Office
435-828-0968 Cell
435-789-0970 Fax

THE HOUSTON EXPLORATION COMPANY
NORTH WALKER HOLLOW #2-32-6-23
 LOCATED IN Uintah COUNTY, UTAH
 SECTION 32, T6S, R23E, S.L.B.&M.

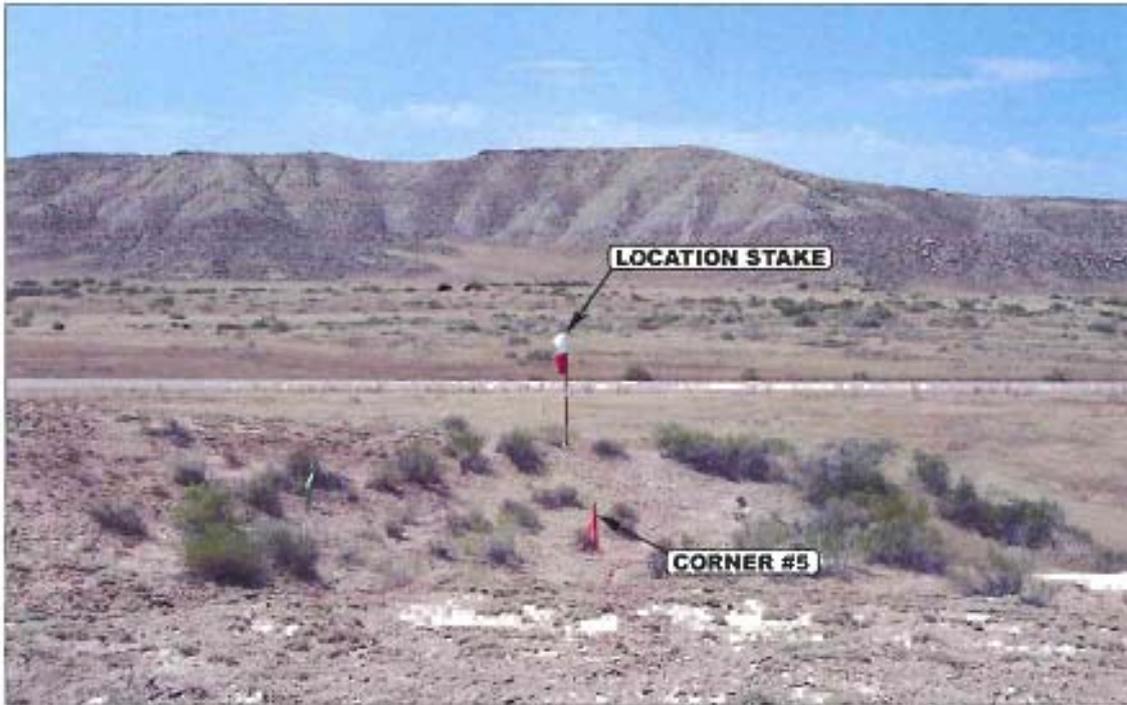


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHWESTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHEASTERLY



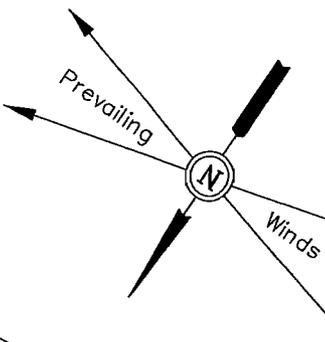
U **E** **L** **S** Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 435-789-1017 uels@uelsinc.com

LOCATION PHOTOS	07	28	05	PHOTO
	MONTH	DAY	YEAR	
TAKEN BY: N.H.	DRAWN BY: P.M.		REVISED: 00-00-00	

THE HOUSTON EXPLORATION COMPANY

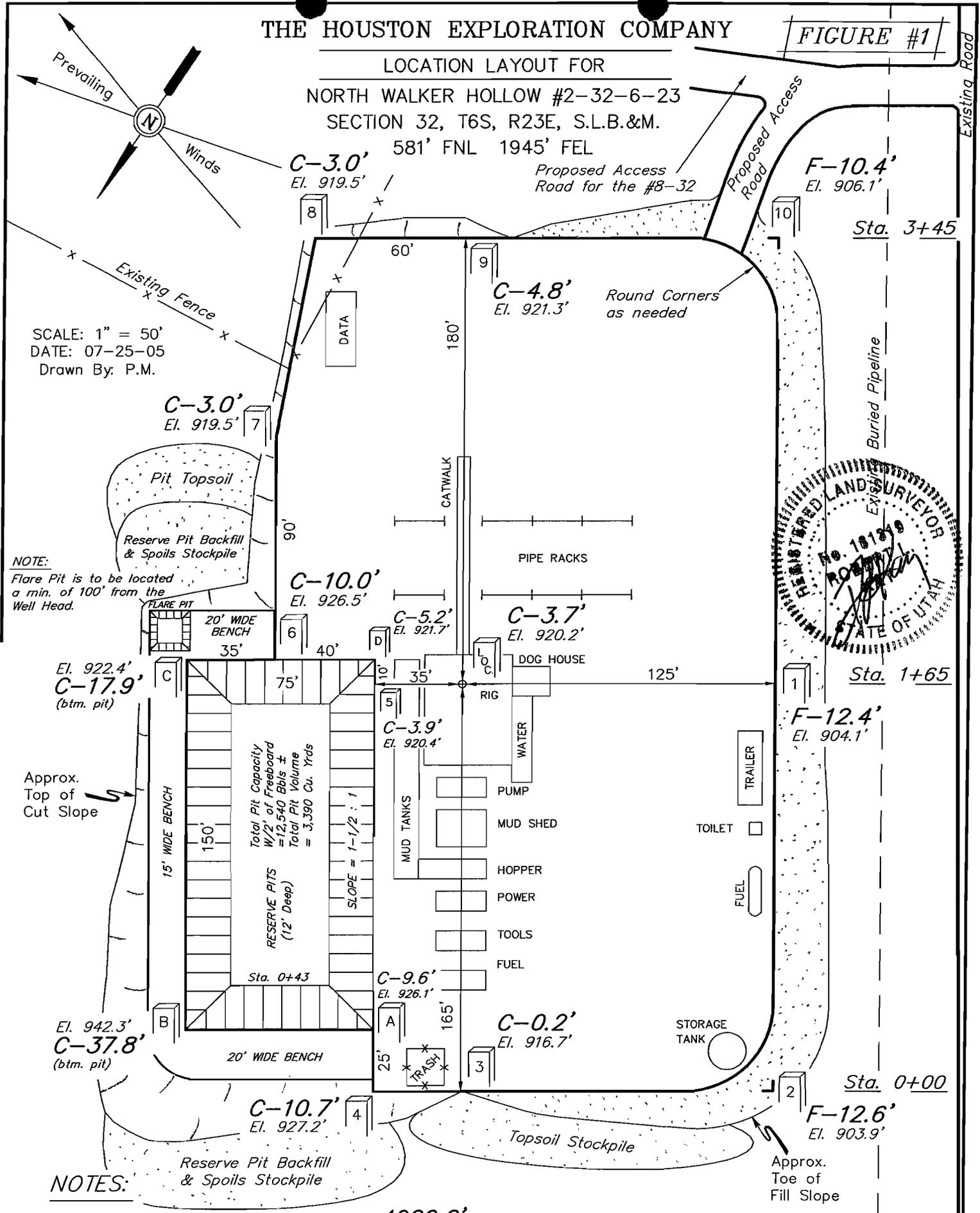
FIGURE #1

LOCATION LAYOUT FOR
 NORTH WALKER HOLLOW #2-32-6-23
 SECTION 32, T6S, R23E, S.L.B.&M.
 581' FNL 1945' FEL



SCALE: 1" = 50'
 DATE: 07-25-05
 Drawn By: P.M.

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



NOTES:

Elev. Ungraded Ground At Loc. Stake = 4920.2'
 FINISHED GRADE ELEV. AT LOC. STAKE = 4916.5'

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

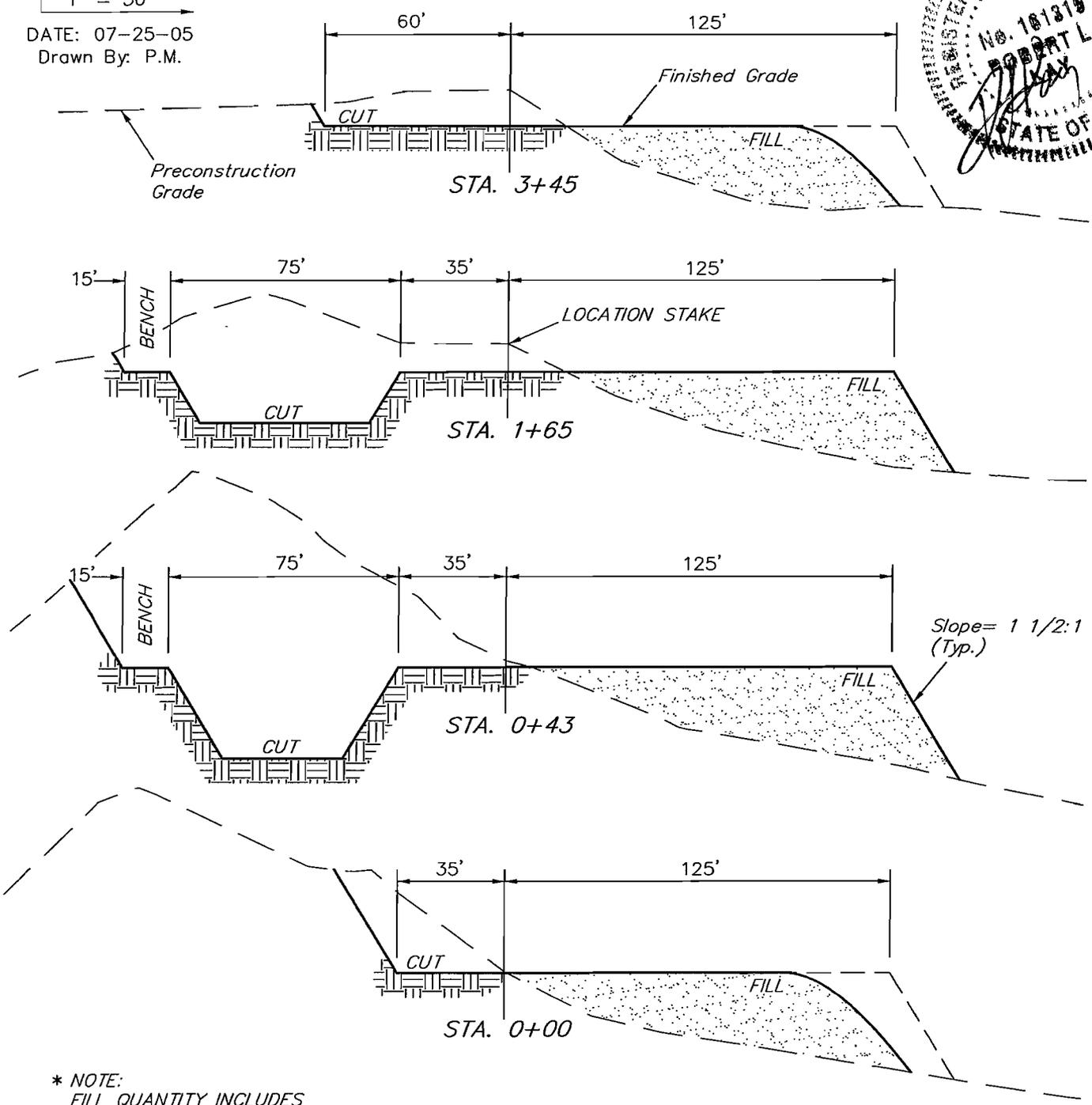
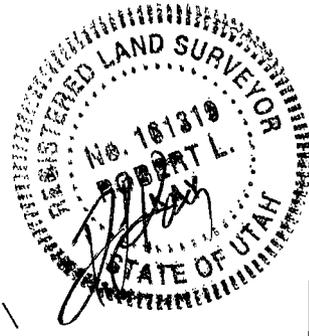
THE HOUSTON EXPLORATION COMPANY

FIGURE #2

TYPICAL CROSS SECTIONS FOR
 NORTH WALKER HOLLOW #2-32-6-23
 SECTION 32, T6S, R23E, S.L.B.&M.
 581' FNL 1945' FEL

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

DATE: 07-25-05
 Drawn By: P.M.

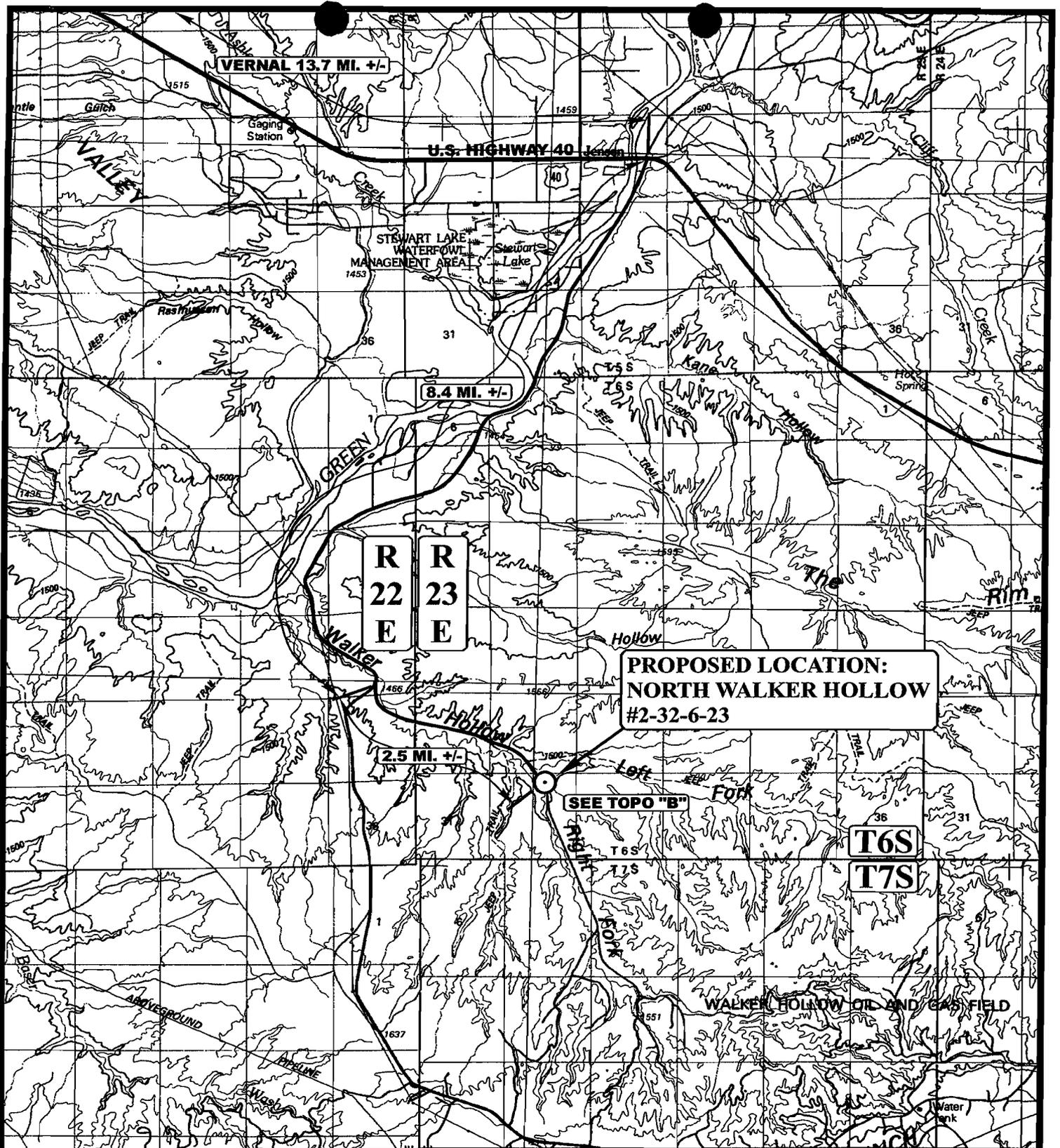


* NOTE:
 FILL QUANTITY INCLUDES
 5% FOR COMPACTION

APPROXIMATE YARDAGES

CUT	
(6") Topsoil Stripping	= 1,810 Cu. Yds.
Remaining Location	= 15,750 Cu. Yds.
TOTAL CUT	= 17,560 CU.YDS.
FILL	= 14,060 CU.YDS.

EXCESS MATERIAL	= 3,500 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 3,500 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 0 Cu. Yds.



LEGEND:

⊙ PROPOSED LOCATION

THE HOUSTON EXPLORATION COMPANY

NORTH WALKER HOLLOW #2-32-6-23
SECTION 32, T6S, R23E, S.L.B.&M.
581' FNL 1945' FEL

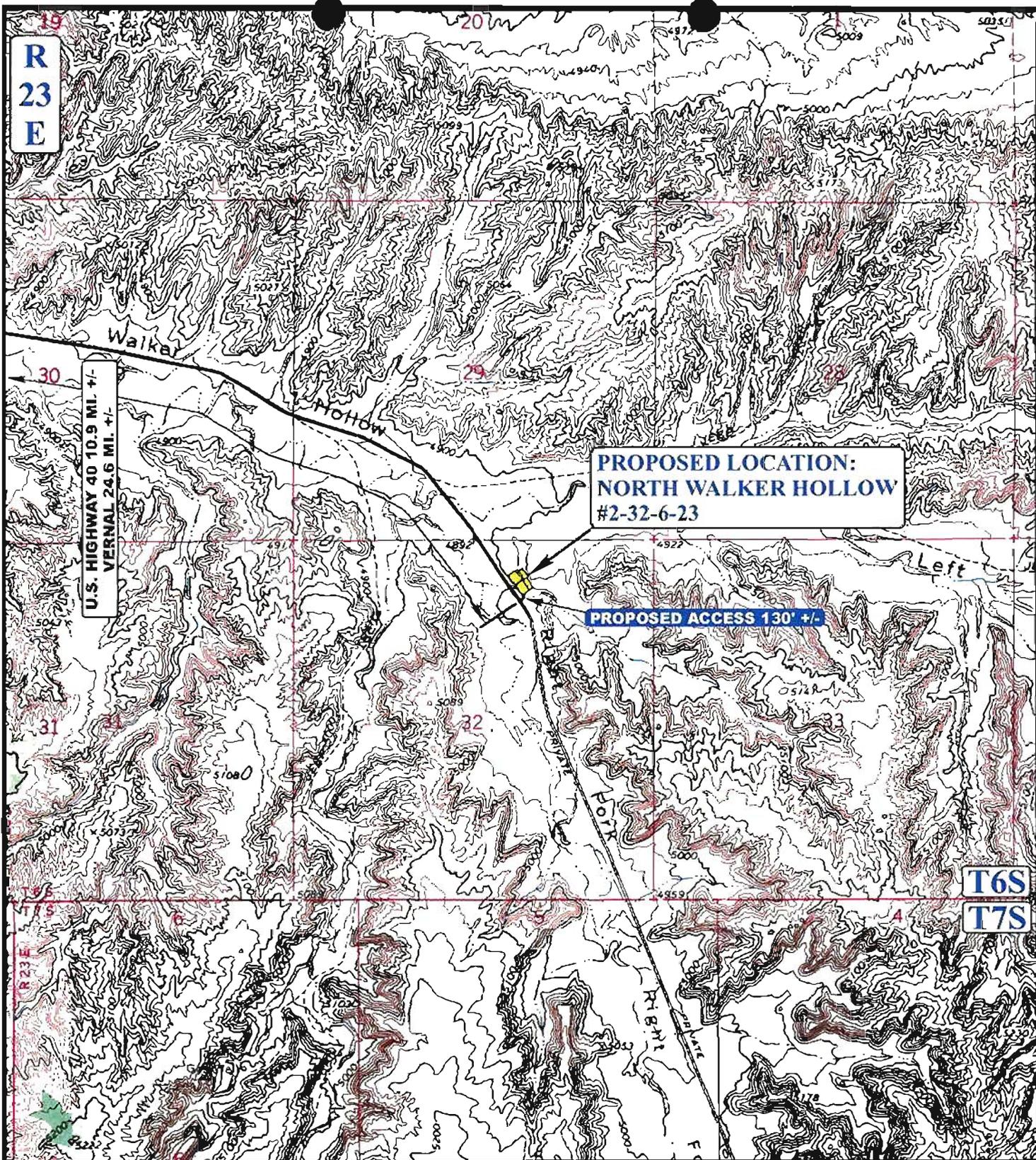


Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813



TOPOGRAPHIC	07	28	05
MAP	MONTH	DAY	YEAR
SCALE: 1:100,000	DRAWN BY: P.M.		REVISED: 00-00-00





LEGEND:

-  EXISTING ROAD
-  PROPOSED ACCESS ROAD



THE HOUSTON EXPLORATION COMPANY

NORTH WALKER HOLLOW #2-32-6-23

SECTION 32, T6S, R23E, S.L.B.&M.

581' FNL 1945' FEL

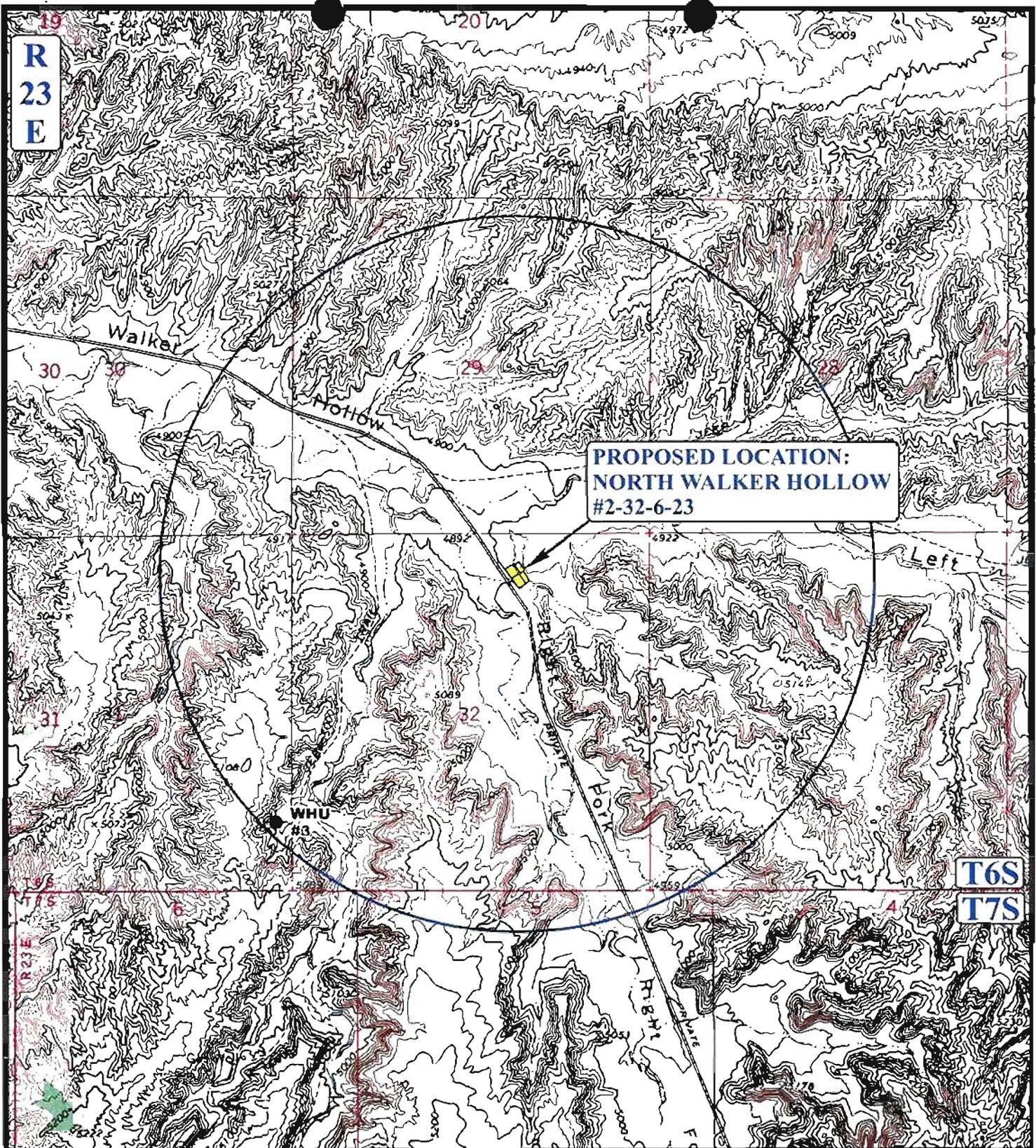


Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP 07 28 05
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: P.M. REVISED: 00-00-00





**PROPOSED LOCATION:
NORTH WALKER HOLLOW
#2-32-6-23**

WHU #3

LEGEND:

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



THE HOUSTON EXPLORATION COMPANY

**NORTH WALKER HOLLOW #2-32-6-23
SECTION 32, T6S, R23E, S.L.B.&M.
581' FNL 1945' FEL**

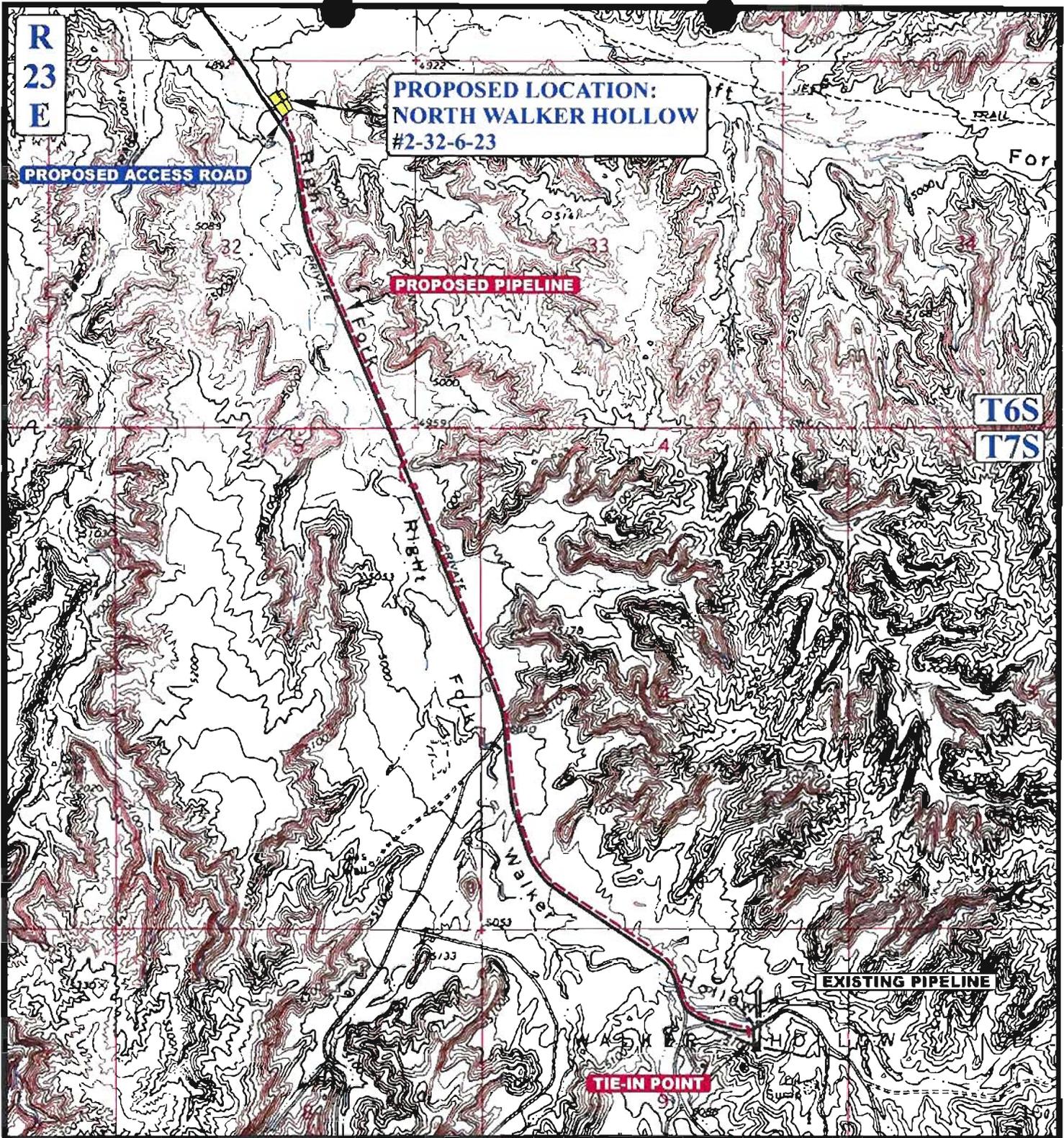


Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP 07 28 05
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: P.M. REVISED: 00-00-00





APPROXIMATE TOTAL PIPELINE DISTANCE = 15,850' +/-

LEGEND:

-  PROPOSED ACCESS ROAD
-  EXISTING PIPELINE
-  PROPOSED PIPELINE



THE HOUSTON EXPLORATION COMPANY
NORTH WALKER HOLLOW #2-32-6-23
SECTION 32, T6S, R23E, S.L.B.&M.
581' FNL 1945' FEL

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

TOPOGRAPHIC 07 28 05
MAP MONTH DAY YEAR
 SCALE: 1" = 2000' DRAWN BY: P.M. REVISED: 00-00-00

D
TOPO

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 11/17/2005

API NO. ASSIGNED: 43-047-37399

WELL NAME: N WALKER HOLLOW 2-32-6-23
 OPERATOR: HOUSTON EXPLORATION CO, (N2525)
 CONTACT: BILL RYAN

PHONE NUMBER: 435-789-0968

PROPOSED LOCATION:

NWNE 32 060S 230E
 SURFACE: 0581 FNL 1945 FEL
 BOTTOM: 0581 FNL 1945 FEL
 UINTAH
 UNDESIGNATED (2)

LEASE TYPE: 3 - State
 LEASE NUMBER: ML-47777
 SURFACE OWNER: 3 - State
 PROPOSED FORMATION: MVRD
 COALBED METHANE WELL? NO

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering	DURD	1/20/06
Geology		
Surface		

LATITUDE: 40.26413
 LONGITUDE: -109.3514

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[] Ind[] Sta[] Fee[]
(No. 104155044)
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. T-76073)
- RDCC Review (Y/N)
(Date: _____)
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

LOCATION AND SITING:

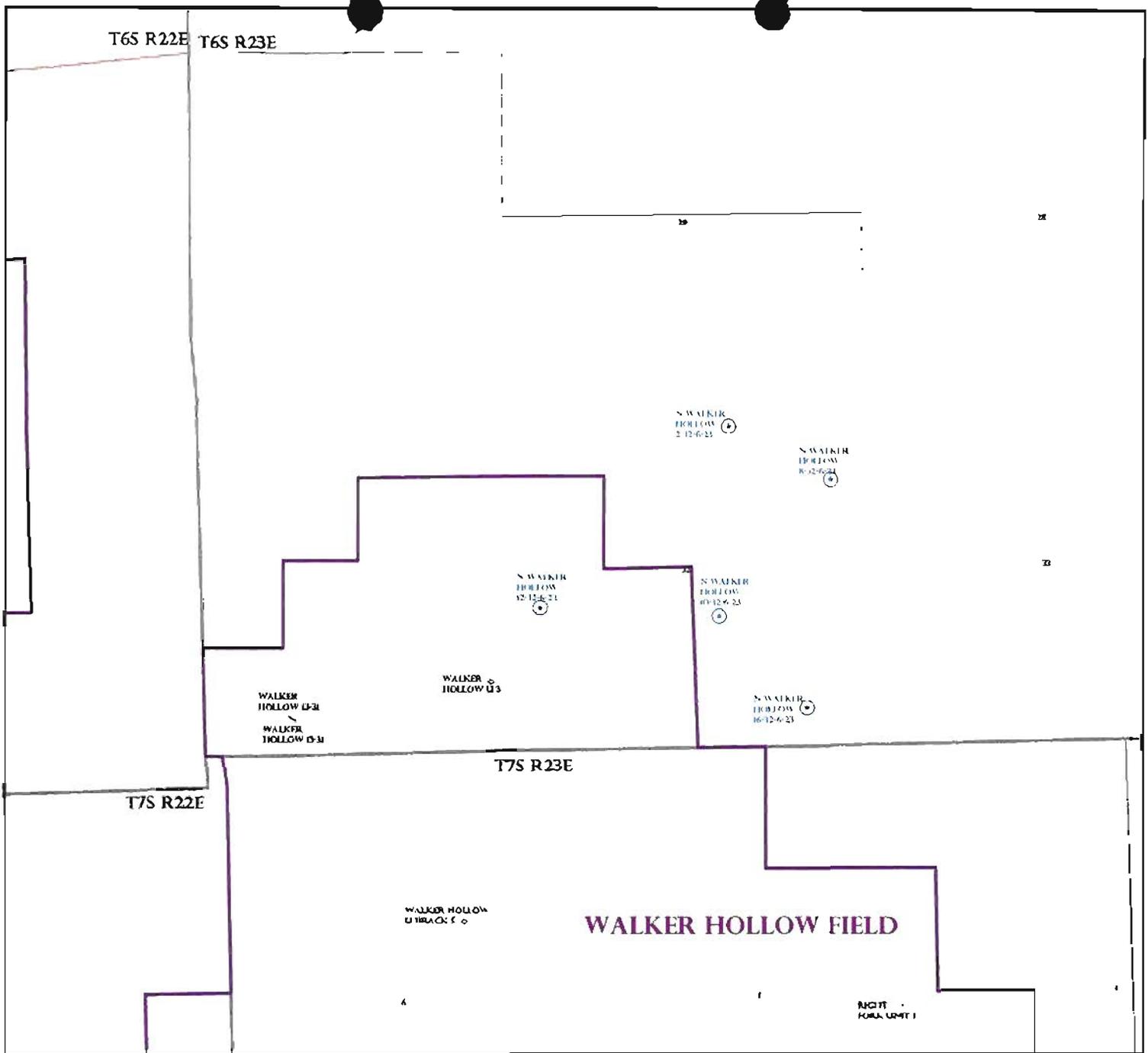
- R649-2-3.
Unit _____
- R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit
Board Cause No: _____
Eff Date: _____
Siting: _____
- R649-3-11. Directional Drill

COMMENTS:

News Photo (11-29-05)

STIPULATIONS:

1- Spacing Slip
2- STATEMENT OF BASIS



OPERATOR: THE HOUSTON EXPL CO (N2525)

SEC: 32 T. 6S R. 23E

FIELD: UNDESIGNATED (002)

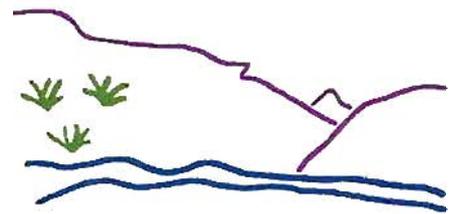
COUNTY: UINTAH

SPACING: R649-3-2 / GENERAL SITING

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

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

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



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY
DATE: 18-NOVEMBER-2005

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

OPERATOR: THE HOUSTON EXPLORATION COMPANY
WELL NAME & NUMBER: NORTH WALKER HOLLOW 2-32-6-23
API NUMBER: 43-047-37399
LOCATION: 1/4,1/4 NW/NE sec: 32 TWP: 6S RNG: 23E 581 FNL 1945 FEL

Geology/Ground Water:

The Houston Ex. Co. proposes to set 2000 feet of surface casing cemented to the surface. The base of the moderately saline water is estimated at 4,900 feet. A search of Division of Water Rights records shows one water well within a 10,000 foot radius of the center of Section 32. This well is approximately 1.5 miles SE of the center of Section 2. The well produces water from a depth of 27 feet and is owned by the BLM. The surface formation at this location is the Uinta Formation. The Uinta Formation is made up of discontinuous sands interbedded with shales and are not expected to produce prolific aquifers. The proposed surface casing should adequately protect any near surface aquifers.

Reviewer: Brad Hill **Date:** 12-05-05

Surface:

The predrill investigation of the surface was performed on 11/29/05. Ben Williams with UDWR and Jim Davis with SITLA were invited to this investigation by email on 11/22/05. Both were present. Mr. Williams stated the area is classified as high value yearlong habitat for antelope and limited value yearlong habitat for deer. He did not recommend any restriction periods to the Operator or SITLA for these species. He stated no other wildlife species are expected to be significantly affected. Mr. Williams also gave Ms. Stringham and Mr. Davis a UDWR recommended seed mix to be used when reserve pit and location are reclaimed. This site is on State surface, with State minerals, and appears to be the best site for a location in the immediate area.

Reviewer: Floyd Bartlett **Date:** 11/30/05

Conditions of Approval/Application for Permit to Drill:

1. A synthetic liner with a minimum thickness of 16 mils and a felt subliner shall be properly installed and maintained in the reserve pit.
2. The existing fence near corner 8 will be avoided or relocated.

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

OPERATOR: THE HOUSTON EXPLORATION COMPANY
WELL NAME & NUMBER: NORTH WALKER HOLLOW 2-32-6-23
API NUMBER: 43-047-37399
LEASE: ML-47777 FIELD/UNIT: UNDESIGNATED
LOCATION: 1/4,1/4 NW/NE sec: 32 TWP: 6S RNG: 23E 581 FNL 1945 FEL
LEGAL WELL SITING: 460 F SEC. LINE; 460 F 1/4,1/4 LINE; 920 F ANOTHER WELL.
GPS COORD (UTM): 640191 E 4458167 N SURFACE OWNER: STATE OF UTAH

PARTICIPANTS

Floyd Bartlett (DOGM), Ginger Stringham (HOUSTON), Ben Williams (UDWR)
Corey Stubbs (Stubbs & Stubbs Construction), Jim Davis, (SITLA).

REGIONAL/LOCAL SETTING & TOPOGRAPHY

Walker Hollow is located approximately 26 miles southeast of Vernal, UT. It is an ephemeral drainage, which flows northwest into the Green River. General topography characterizing the Walker Hollow area is broad gentle sloping valleys or swales, separated by somewhat low hills or ridges. Ridges or hills frequently have exposed sandstone near the top occasionally forming cliffs. The valleys show sign of seasonal runoff in shallow meandering drainages. Drainages generally are not incised. Access is by paved state and county and graveled county roads.

The proposed North Walker Hollow 2-32-6-23 gas well lies on the end and edge of a small ridge immediately north of the Right Fork of Walker Hollow road. Topography is moderately steep extending into the nearly flat valley to the south. Access is in place except for approximately 130 feet of new road, which will be constructed.

SURFACE USE PLAN

CURRENT SURFACE USE: wildlife, winter cattle grazing and hunting.

PROPOSED SURFACE DISTURBANCE: 130 feet of new access road and construction of a well location 345'x 200' plus reserve pit and soil stockpile storage outside the described area.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: See attached 'TOPO C' map from GIS database.

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: All production facilities will be on location and added after drilling well. Pipeline will follow the edge of the Right Fork of Walker Hollow Road southeast approximately 15,850 feet to an existing pipeline.

SOURCE OF CONSTRUCTION MATERIAL: All construction material will be borrowed from site during construction of location.

ANCILLARY FACILITIES: None will be required.

WILL DRILLING AT THIS LOCATION GENERATE PUBLIC INTEREST OR CONCERNS?
EXPLAIN: Unlikely. Oilfield activity is common in the area and is the dominant use.

WASTE MANAGEMENT PLAN:

Drilled cuttings will be settled into reserve pit. Liquids from pit will be allowed to evaporate. Formation water will be confined to storage tanks. Commercial contractor will handle sewage facilities, storage and disposal. Trash will be contained in trash baskets and hauled to an approved land fill.

ENVIRONMENTAL PARAMETERS

AFFECTED FLOODPLAINS AND/OR WETLANDS: None.

FLORA/FAUNA: Vegetation is sparse consisting of rubber rabbit brush, needle and thread grass, mat saltbush, cheat grass and Indian ricegrass. Dominant fauna is pronghorn, rodents, songbirds, raptors, deer, bobcat, coyote.

SOIL TYPE AND CHARACTERISTICS: light brown sandy loam with little surface rock.

EROSION/SEDIMENTATION/STABILITY: The location has been moved from the plotted location to reduce the amount of excavation. No stability problems are anticipated with the construction and operation of the location.

PALEONTOLOGICAL POTENTIAL: none observed.

RESERVE PIT

CHARACTERISTICS: 150' by 75' and 12' deep. The reserve pit is planned in an area of cut. No stabilization problems are expected.

LINER REQUIREMENTS (Site Ranking Form attached): A liner will be required for reserve pit. Sensitivity score of 25, rating as Level I, Highly Sensitive. Operator routinely installs a 16 mil. liner in all reserve pits.

SURFACE RESTORATION/RECLAMATION PLAN

AS PER SITLA.

SURFACE AGREEMENT: AS PER SITLA.

CULTURAL RESOURCES/ARCHAEOLOGY: Site was inspected by Sagebrush Archeological Consultants on 11/4/2005. A report of this investigation will be placed on file.

OTHER OBSERVATIONS/COMMENTS

An old fence line intercepts the south west corner of the location as laid out. Rather than relocate the fence a few feet of the location at

corner 8 will not be constructed. This will not interfere with the drilling or operation of the well.
Ben Williams representing the UDWR stated the area is classified as high value yearlong habitat for antelope and limited value yearlong habitat for deer. He did not recommend any restriction periods to the Operator or SITLA.

ATTACHMENTS

Photos of site have been taken and placed on file.

Floyd Bartlett
DOGM REPRESENTATIVE

11/29/2005 08:45 AM
DATE/TIME

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

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

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





2005 11 29

01-06 N Walker Hollow 2-306-23
Casing Schematic

Uxsta

Surface

8-5/8"
MW 8.4
Frac 19.3

TOC @
0.

1230
TOC Tail

Surface
2000. MD

✓ w/ 18% Washout

BHP
 $(.052)(9)(9000) = 4212$
 Anticipate $< 3,000$

Gas
 $(.12)(9000) = 1080$
 MASP = 3132

Fluid
 $(.22)(9000) = 1980$
 MASP = 2232

BOPE - 3,000 ✓

Surf csg - 4460
 70% = 3122

Max pressure @ Surf shoe = ~~2672~~ 2672

Test to 2600# ✓

✓ Adequate DWD

4-1/2"
MW 9.

1/20/06

TOC @
3068.

3139 Green River

✓ propose TOC $\pm 2500'$

4900 BMSW

6139 Washout

6564 TOC Tail

w/ 15% washout

✓ TOC 2475' w/ 11% Washout

8639 Mesaverde

Production
9000. MD

Well name:	01-06 N Walker Hollow 2-32-6-23		
Operator:	Houston Exploration Company		
String type:	Surface	Project ID:	43-047-37399
Location:	Uintah County		

Design parameters:	Minimum design factors:	Environment:
Collapse	Collapse:	H2S considered? No
Mud weight: 8.400 ppg	Design factor 1.125	Surface temperature: 65 °F
Design is based on evacuated pipe.		Bottom hole temperature: 93 °F
		Temperature gradient: 1.40 °F/100ft
		Minimum section length: 250 ft
	Burst:	Cement top: 0 ft
	Design factor 1.00	
Burst		
Max anticipated surface pressure: 1,760 psi		
Internal gradient: 0.120 psi/ft	Tension:	Non-directional string.
Calculated BHP 2,000 psi	8 Round STC: 1.80 (J)	
	8 Round LTC: 1.80 (J)	
No backup mud specified.	Buttress: 1.60 (J)	
	Premium: 1.50 (J)	
	Body yield: 1.50 (B)	Re subsequent strings:
		Next setting depth: 9,000 ft
	Tension is based on buoyed weight.	Next mud weight: 9.000 ppg
	Neutral point: 1,749 ft	Next setting BHP: 4,208 psi
		Fracture mud wt: 19.250 ppg
		Fracture depth: 2,000 ft
		Injection pressure 2,000 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	2000	8.625	36.00	J-55	ST&C	2000	2000	7.7	143.5

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	873	3450	3.953	2000	4460	2.23	63	434	6.89 J

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

Phone: 801-538-5280
FAX: 810-359-3940

Date: January 18, 2006
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 2000 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

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

Well name:	01-06 N Walker Hollow 2-32-6-23	
Operator:	Houston Exploration Company	Project ID:
String type:	Production	43-047-37399
Location:	Uintah County	

Design parameters:

Collapse

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

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
 Surface temperature: 65 °F
 Bottom hole temperature: 191 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 1,500 ft

Cement top: 3,068 ft

Burst

Max anticipated surface pressure: 1,760 psi
 Internal gradient: 0.272 psi/ft
 Calculated BHP 4,208 psi

No backup mud specified.

Tension:

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

Non-directional string.

Tension is based on buoyed weight.

Neutral point: 7,789 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	9000	4.5	11.60	N-80	LT&C	9000	9000	3.875	208.6
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	4208	6350	1.509	4208	7780	1.85	90	223	2.47 J

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

Phone: 801-538-5280
 FAX: 810-359-3940

Date: January 18, 2006
 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 9000 ft, a mud weight of 9 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

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

From: Ed Bonner
To: Whitney, Diana
Date: 12/20/2005 9:54:05 AM
Subject: Well Clearance

The following wells have been given cultural resource clearance by the Trust Lands Cultural Resources Group:

Enduring Resources, LLC
Big Pack 12-21-11-2
Big Pack 12-21-13-2
Big Pack 12-21-24-2

EOG Resources, Inc
Chapita Wells Unit 695-32

The Houston Exploration Company
North Walker Hollow 2-32-6-23
North Walker Hollow 8-32-6-23
North Walker Hollow 10-32-6-23
North Walker Hollow 12-32-6-23
North Walker Hollow 16-32-6-23
North Horseshoe 12-7-6-22
North Horseshoe 16-9-6-22
North Horseshoe 14-10-6-22
North Horseshoe 2-15-6-22
North Horseshoe 4-15-6-22

Westport Oil & Gas Company
NBU 1022-20N
NBU 1022-20L
NBU 1022-20F
NBU 1022-20D

If you have any questions regarding this matter please give me a call.

CC: Garrison, LaVonne; Hill, Brad; Hunt, Gil

Clinton Dworshak - cement sks changes

From: eric bowedn <starman686@yahoo.com>
To: <clintondworshak@utah.gov>
Date: 1/18/2006 1:39 PM
Subject: cement sks changes

here are the cement sks changes that you requested.

Yahoo! Photos – Showcase holiday pictures in hardcover
Photo Books. You design it and we'll bind it!

THE HOUSTON EXPLORATION COMPANY

WELL NAME	API	LEAD	TAIL
<u>NH 9-16-6-21</u>	<u>43-047-37439</u>	<u>415</u> sks	<u>514</u> sks
<u>NH 3-16-6-21</u>	<u>43-047-37391</u>	<u>415</u>	<u>514</u>
<u>NH 13-16-6-21</u>	<u>43-047-37575</u>	<u>415</u>	<u>514</u>
<u>NH 15-2-6-21</u>	<u>43-047-37477</u>	<u>415</u>	<u>514</u>
<u>NH 13-2-6-21</u>	<u>43-047-37476</u>	<u>415</u>	<u>514</u>
<u>NH 11-16-6-21</u>	<u>43-047-37441</u>	<u>499</u>	<u>515</u>
<u>NH 7-16-6-21</u>	<u>43-047-37438</u>	<u>499</u>	<u>515</u>
<u>NH 1-16-6-21</u>	<u>43-047-37442</u>	<u>499</u>	<u>515</u>
<u>NH 15-16-6-21</u>	<u>43-047-37440</u>	<u>499</u>	<u>515</u>
<u>NH 12-7-6-22</u>	<u>43-047-37392</u>	<u>415</u>	<u>515</u>
<u>NH 16-9-6-22</u>	<u>43-047-37393</u>	<u>415</u>	<u>515</u>
<u>NH 14-10-6-22</u>	<u>43-047-37394</u>	<u>415</u>	<u>515</u>
<u>NH 4-15-6-22</u>	<u>43-047-37396</u>	<u>415</u>	<u>515</u>
<u>NH 2-15-6-22</u>	<u>43-047-37395</u>	<u>415</u>	<u>515</u>
<u>NWH 13-36-6-23</u>	<u>43-047-37463</u>	<u>357</u>	<u>526</u>
<u>NWH 15-36-6-23</u>	<u>43-047-37464</u>	<u>357</u>	<u>526</u>
<u>NWH 11-36-6-23</u>	<u>43-047-37462</u>	<u>357</u>	<u>526</u>
<u>NWH 14-32-6-23</u>	<u>43-047-37478</u>	<u>357</u>	<u>526</u>
<u>NWH 2-32-6-23</u>	<u>43-047-37399</u>	<u>357</u>	<u>526</u>
<u>NWH 8-32-6-23</u>	<u>43-047-37401</u>	<u>357</u>	<u>526</u>
<u>NWH 10-32-6-23</u>	<u>43-047-37400</u>	<u>357</u>	<u>526</u>
<u>NWH 12-32-6-23</u>	<u>43-047-37397</u>	<u>357</u>	<u>526</u>
<u>NWH 16-32-6-23</u>	<u>43-047-37398</u>	<u>357</u>	<u>526</u>
<u>G 2-2-6-19</u>	<u>43-047-37561</u>	<u>153</u>	<u>1,050</u>
<u>G 16-2-6-19</u>	<u>43-047-37562</u>	<u>153</u>	<u>1,050</u>
<u>G 1-2-6-19</u>	<u>43-047-37563</u>	<u>153</u>	<u>1,050</u>
<u>G 3-2-6-19</u>	<u>43-047-37568</u>	<u>153</u>	<u>1,050</u>



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

January 23, 2006

Houston Exploration Company
1100 Louisiana, Suite 2000
Houston, TX 77002

Re: North Walker Hollow 2-32-6-23 Well, 581' FNL, 1945' FEL, NW NE, Sec. 32,
T. 6 South, R. 23 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-37399.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Uintah County Assessor
SITLA

Operator: Houston Exploration Company
Well Name & Number North Walker Hollow 2-32-6-23
API Number: 43-047-37399
Lease: ML-47777

Location: NW NE **Sec.** 32 **T.** 6 South **R.** 23 East

Conditions of Approval

1. **General**

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

2. **Notification Requirements**

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

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

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

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

3. **Reporting Requirements**

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

4. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.

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

6. 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.

CONFIDENTIAL

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: THE HOUSTON EXPLORATION COMPANY

Well Name: N WALKER HOLLOW 2-32-6-23

Api No: 43-047-37399 Lease Type: STATE

Section 32 Township 06S Range 23E County UINTAH

Drilling Contractor ROCKY MOUNTAIN DRLG RIG # 1

SPUDDED:

Date 10/12/06

Time 10:00 AM

How DRY

Drilling will Commence: _____

Reported by KENNETH

Telephone # (435) 828-2187

Date 10/12/06 Signed CHD

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

FORM 6

ENTITY ACTION FORM

Operator: The Houston Exploration Company Operator Account Number: N 2525
 Address: 1100 Louisiana Suite 2000
city Houston
state TX zip 77002 Phone Number: (713) 830-6844

Well 1

4304737399	North Walker Hollow 2-32-6-23	NWNE	32	6S	23E	Utah
A	99999	15741	10/12/2006	10/31/06		
Comments: <u>MVRD</u>						CONFIDENTIAL

Well 2

Comments:						

Well 3

Comments:						

ACTION CODES:

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

Abbye Hazelden

Name (Please Print)

Abbye Hazelden

Signature

Engineering Tech.

10/31/2006

Title

Date

(5/2000)

RECEIVED

OCT 31 2006

DIV. OF OIL, GAS & MINING

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-47777
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>	CONFIDENTIAL	
2. NAME OF OPERATOR: The Houston Exploration Company	8. WELL NAME and NUMBER: North Walker Hollow 2-32-6-23	
3. ADDRESS OF OPERATOR: 1100 Louisiana, Suite 2000 CITY Houston STATE TX ZIP 77002	PHONE NUMBER: (713) 830-6800	9. API NUMBER: 4304737399
4. LOCATION OF WELL FOOTAGES AT SURFACE: 581' FNL & 1945' FEL	10. FIELD AND POOL, OR WILDCAT: Undesignated	
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 32 6S 23E	COUNTY: Uintah	STATE: UTAH

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

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

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

The operator respectfully requests to change the casing design for the subject well location. Please find the attached ten point plan for additional details.

William A Ryan
290 S 800 E
Vernal, UT 84078
435-789-0968

COPY SENT TO OPERATOR
Date: 11/16/06
Initials: WRM

NAME (PLEASE PRINT) William A Ryan *William A Ryan* TITLE Agent

SIGNATURE _____ DATE 10/16/2006

(This space for State use only)

APPROVED BY: _____ DATE: 11/3/06

BY: *[Signature]* (See Instructions on Reverse Side)

RECEIVED
OCT 19 2006
DIV. OF OIL, GAS & MINING

(5/2000)

INSTRUCTIONS

This form shall be submitted by the operator to show the intention and/or completion of the following:

- miscellaneous work projects and actions for which other specific report forms do not exist;
- all other work and events as identified in section 11, Type of Action, or as required by the Utah Oil and Gas Conservation General Rules, including:
 - minor deepening of an existing well bore,
 - plugging back a well,
 - recompleting to a different producing formation within an existing well bore (intent only),
 - reperforating the current producing formation,
 - drilling a sidetrack to repair a well,
 - reporting monthly the status of each drilling well.

This form is not to be used for proposals to

- drill new wells,
- reenter previously plugged and abandoned wells,
- significantly deepen existing wells below their current bottom-hole depth,
- drill horizontal laterals from an existing well bore,
- drill hydrocarbon exploratory holes such as core samples and stratigraphic tests.

Use Form 3, Application for Permit to Drill (APD) for such proposals.

NOTICE OF INTENT - A notice of intention to do work on a well or to change plans previously approved shall be submitted in duplicate and must be received and approved by the division before the work is commenced. The operator is responsible for receipt of the notice by the division in ample time for proper consideration and action. In cases of emergency, the operator may obtain verbal approval to commence work. Within five days after receiving verbal approval, the operator shall submit a Sundry Notice describing the work and acknowledging the verbal approval.

SUBSEQUENT REPORT - A subsequent report shall be submitted to the division within 30 days of the completion of the outlined work. Specific details of the work performed should be provided, including dates, well depths, placement of plugs, etc.

WELL ABANDONMENT - Proposals to abandon a well and subsequent reports of abandonment should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, and method of parting of any casing, liner, or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

In addition to any Sundry Notice forms submitted, **Form 8, Well Completion or Recompletion Report and Log** must be submitted to the division to report the results of the following operations:

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

Send to:

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

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

Ten Point Plan

The Houston Exploration Company

North Walker Hollow 2-32-6-23

Surface Location NW $\frac{1}{4}$ NE $\frac{1}{4}$,

Section 32, T. 6S., R. 23E.

1. **Surface Formation**
Uintah

2. **Estimated Formation Tops and Datum:**

<u>Formation</u>		<u>Depth</u>	<u>Datum</u>
Uintah		Surface	4,916' G.R.
Green River	Oil/Gas	3,566'	-1,350'
Birds Nest	Water	4,166'	1,350'
Wasatch	Oil/Gas	5,566'	-650'
Mesaverda	Oil/Gas	10,066'	-5,150'
TD		10,500'	-5,584'

All fresh water and oil and gas bearing zones shall be protected by casing and cement program.

3. **Producing Formation Depth:**

Formation objective includes the Wasatch, Green River, Mesaverda and there sub-members.

4. **Proposed Casing:**

<u>Hole Size</u>	<u>Casing Size</u>	<u>Weight/FT</u>	<u>Grade</u>	<u>Coupling & Tread</u>	<u>Casing Depth</u>	<u>New/Used</u>
17 1/2"	13 3/8"	48#	H-40	ST&C	450'	NEW
12 1/4"	8 5/8"	36#	J-55	ST&C	4,500'	NEW
7 7/8"	4 1/2"	11.6#	P-110	LT&C	10,500'	NEW

Cement Program:

The Surface Casing will be cemented as follows from 0'- 450':

Cement volume = Gauge hole + 50%

<u>Casing Size</u>	<u>Cement Type</u>	<u>Cement Amounts</u>	<u>Cement Yield</u>	<u>Water Mix</u>	<u>Cement Weight</u>
Lead: 13 3/8"	Premium "5" 16% Gel 10#/sk Gilsonite 3% Salt 3#/sk GB3 0.25#/sk flocele	397sks.+/-	1.18ft ³ /sk	23	15.6 ppg
Top Job:	Class "G"	10-200			15.6 ppg

The Intermediate Casing will be cemented as follows from 0'- 4,500':

Cement volume = Gauge hole + 50%

<u>Casing Size</u>	<u>Cement Type</u>	<u>Cement Amounts</u>	<u>Cement Yield</u>	<u>Water Mix</u>	<u>Cement Weight</u>
Lead: 8 5/8"	Premium "5" 16% Gel 10#/sk Gilsonite 3% Salt 3#/sk GB3 0.25#/sk flocele	2,397sks.+/-	1.18ft ³ /sk	23	11.0 ppg

See BJ cement attachment

Production casing will be cemented as follows from 4,300'- 10,500':

Note: Lead should be 200' above the Wasatch.

Cement volume = Gauge hole + 25%

<u>Casing Size</u>	<u>Cement Type</u>	<u>Cement Amounts</u>	<u>Cement Yield</u>	<u>Water Mix</u>	<u>Cement Weight</u>
Lead: 4 1/2"	Premium "5" 16% Gel 10#/sk Gilsonite 3% Salt 3#/sk GB3 0.25#/sk flocele	1,495 sks.+/-	1.18ft ³ /sk	23	11.0 ppg

See BJ Cement attachment

5. BOP and Pressure Containment Data:

A 5000-psi WP BOP system as described in the BOP and Pressure Containment Data (attached) will be installed and maintained from the 13 3/8" surface casing. An upper kelly cock to the required pressure rating with a handle available shall be employed.

The BOP system including the casing will be pressure tested to minimum standards set forth in "On Shore Order #2". The BOP will be mechanically checked daily during the drilling operation.

6. Mud Program:

<u>Interval</u>	<u>Mud weight lbs./gal.</u>	<u>Viscosity Sec./OT.</u>	<u>Fluid Loss MI/30 Mins.</u>	<u>Mud Type</u>
0-3,200	Air/Clear Water	-----	No Control	Water/Gel
3,200-T.D.	8.4-12.0	30-45	8-10	LSND water based mud system

Note: Mud weights may exceed 12.0 due to solids increasing at or near T.D. Increased weights are not required to control formation pressure. Operator will have on location sufficient mud and weight material to increase mud weight to 12.0 at any time while drilling the subject well. Visual mud monitoring incorporating pit level indicators shall be used.

7. Testing, Coring, Sampling and Logging:

- a) DST: None are anticipated.
- b) Coring: There is the possibility of sidewall coring.
- c) Mud Sampling: Every 10' from 3,200' to T.D.
- d) Logging:

Type	Interval
DLL/SFL W/GR and SP	T.D. to Surf. Csg
FDC/CNL W/GR and CAL	T.D. to Surf. Csg

8. Abnormalities (including sour gas)

Anticipated bottom hole pressure will be less than 5000 psi. No abnormal pressures, temperatures or other hazards are anticipated. Other wells drilled in the area have not encountered over pressured zones or H2S.

9. Other facets of the proposed operation:

Off set well information

None

10. Drilling Schedule:

The anticipated starting date is 10/25/2006. Duration of operations is expected to be 30 days.



Proposal No: 100198883A

**Houston Exploration Company
WALKER HOLLOW NORTH 2-32-6-23**

API # 43-047-37399-0000
WILDCAT Field
32-6S-23E
Uintah County, Utah
October 17, 2006

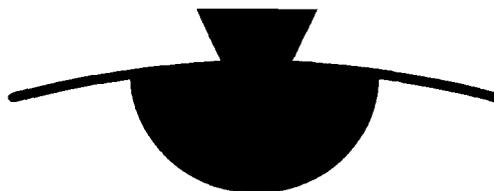
Well Recommendation

Prepared for:

Biff Yocham
Houston Exploration Company
Bus Phone: (713) 830-6800
Email: byocham@houstonexp.com

Prepared by:

William Mann
Region Engineer
Bus Phone: (713) 683-3477
Email: wmann@bjservices.com
Mobile: (713) 614-6422



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Fax: (435) 789-4530

Service Representatives:

Don Swink
Senior District Sales Supv.
Vernal, Utah
Bus Phone: (435) 781-2294
Fax: (435) 789-4530
Mobile: (435) 828-1206

Bruce Henderson
Senior Account Manager
Houston, Texas
Bus Phone: (713) 683-3400
Fax: (713) 683-4100

Operator Name: Houston Exploration Company
Well Name: WALKER HOLLOW NORTH 2-32-6-23
Job Description: 8 5/8" Interm. CSG x 11" O.H. @ 4500' MD
Date: October 17, 2006



Proposal No: 100198883A

JOB AT A GLANCE

Depth (TVD)	4,500 ft
Depth (MD)	4,500 ft
Hole Size	11 in
Casing Size/Weight :	8 5/8 in, 36 lbs/ft
Pump Via	8 5/8" O.D. (7.825" I.D) 36 #
Total Mix Water Required	8,921 gals
Spacer	
Fresh Water	20 bbls
Density	8.3 ppg
Spacer	
Mud Clean I	20 bbls
Density	8.3 ppg
Spacer	
Fresh Water	20 bbls
Density	8.3 ppg
Lead Slurry	
Premium Lite II Plus Cement	360 sacks
Density	11.0 ppg
Yield	3.38 cf/sack
Tail Slurry	
50:50:2 (Poz:G:Gel) + Add's	275 sacks
Density	14.5 ppg
Yield	1.26 cf/sack
Displacement	
Claytreat Water+Magnacide	20 bbls
Density	8.4 ppg
Displacement	
Drilling Mud	245 bbls
Density	9.0 ppg

Operator Name: Houston Exploration Company
Well Name: WALKER HOLLOW NORTH 2-32-6-23
Job Description: 8 5/8" Intern. CSG x 11" O.H. @ 4500' MD
Date: October 17, 2006



Proposal No: 100198883A

WELL DATA

ANNULAR GEOMETRY

ANNULAR I.D. (in)	DEPTH(ft)	
	MEASURED	TRUE VERTICAL
12.715 CASING	450	450
11.000 HOLE	4,500	4,500

SUSPENDED PIPES

DIAMETER (in)		WEIGHT (lbs/ft)	DEPTH(ft)	
O.D.	I.D.		MEASURED	TRUE VERTICAL
8.625	7.825	36	4,500	4,500

Float Collar set @ 4,460 ft
Mud Density 9.00 ppg
Mud Type Water Based
Est. Static Temp. 128 ° F
Est. Circ. Temp. 103 ° F

VOLUME CALCULATIONS

450 ft x 0.4760 cf/ft with 0 % excess = 214.2 cf
 3,050 ft x 0.2542 cf/ft with 29 % excess = 1001.6 cf
 1,000 ft x 0.2542 cf/ft with 31 % excess = 333.7 cf
 40 ft x 0.3340 cf/ft with 0 % excess = 13.4 cf (inside pipe)
TOTAL SLURRY VOLUME = 1562.9 cf
 = 279 bbls

Operator Name: Houston Exploration Company
Well Name: WALKER HOLLOW NORTH 2-32-6-23
Job Description: 8 5/8" Interm. CSG x 11" O.H. @ 4500' MD
Date: October 17, 2006



Proposal No: 100198883A

FLUID SPECIFICATIONS

Spacer 20.0 bbls Fresh Water @ 8.34 ppg
 Spacer 20.0 bbls Mud Clean I @ 8.3 ppg
 Spacer 20.0 bbls Fresh Water @ 8.34 ppg

<u>FLUID</u>	<u>VOLUME CU-FT</u>	<u>VOLUME FACTOR</u>	<u>AMOUNT AND TYPE OF CEMENT</u>
Lead Slurry	1216	/ 3.38	= 360 sacks Premium Lite II Cement + 0.05 lbs/sack Static Free + 3% bwow Potassium Chloride + 0.25 lbs/sack Cello Flake + 5 lbs/sack Kol Seal + 0.005 gps FP-6L + 10% bwoc Bentonite + 0.5% bwoc Sodium Metasilicate + 196.7% Fresh Water
Tail Slurry	347	/ 1.26	= 275 sacks (50:50) Poz (Fly Ash):Class G Cement + 0.05% bwoc Static Free + 10% bwow Sodium Chloride + 2% bwoc Bentonite + 55.4% Fresh Water
Displacement			20.0 bbls Claytreat Water+Magnacide 575 @ 8.4 ppg
Displacement			245.3 bbls Drilling Mud @ 9 ppg

CEMENT PROPERTIES

	SLURRY NO. 1	SLURRY NO. 2
Slurry Weight (ppg)	11.00	14.50
Slurry Yield (cf/sack)	3.38	1.26
Amount of Mix Water (gps)	20.52	5.58
Amount of Mix Fluid (gps)	20.52	5.58
Estimated Pumping Time - 70 BC (HH:MM)	4:00	3:00

Operator Name: Houston Exploration Company
 Well Name: WALKER HOLLOW NORTH 2-32-6-23
 Job Description: 8 5/8" Interm. CSG x 11" O.H. @ 4500' MD
 Date: October 17, 2006



Proposal No: 100198883A

PRICE ESTIMATE

Product Material

QTY	UNIT	PRODUCT DESCRIPTION	UNIT PRICE	GROSS AMOUNT	DISC (%)	NET AMOUNT
138	94lbs	Class G Cement	25.80	3,560.40	45.0	1,958.22
1847	lbs	Potassium Chloride	0.74	1,366.78	45.0	751.73
3594	lbs	Bentonite	0.39	1,401.66	45.0	770.91
157	lbs	Sodium Metasilicate	3.13	491.41	45.0	270.28
90	lbs	Cello Flake	3.90	351.00	45.0	193.05
138	74lbs	Poz (Fly Ash)	12.15	1,676.70	45.0	922.19
1278	lbs	Sodium Chloride	0.38	485.64	45.0	267.10
1	ea	Cement Plug, Rubber, Top 8-5/8 in	234.50	234.50	45.0	128.98
840	gals	Mud Clean I	1.28	1,075.20	45.0	591.36
360	sack	Premium Lite II Cement	22.15	7,974.00	45.0	4,385.70
2	gals	FP-6L	79.75	159.50	45.0	87.73
1	gals	Claytreat 3C	104.75	104.75	45.0	57.61
1	gals	Magnacide 575	471.00	471.00	45.0	259.05
1800	lbs	Kol Seal	0.90	1,620.00	45.0	891.00
30	lbs	Static Free	30.50	915.00	45.0	503.25
Product Material Subtotal:				\$21,887.54		\$12,038.16

Service Charges

QTY	UNIT	PRODUCT DESCRIPTION	UNIT PRICE	GROSS AMOUNT	DISC (%)	NET AMOUNT
1	ea	Personnel Surcharge - Cement Svc	137.00	137.00	0.0	137.00
786	cu ft	Bulk Materials Service Charge	3.21	2,523.06	45.0	1,387.68
Service Charges Subtotal:				\$2,660.06		\$1,524.68

Customer will be charged for all 'SPECIAL PROPPANTS' delivered to location, whether they are pumped or not. All proppants other than standard grade frac sand are considered 'SPECIAL PROPPANTS'. The technical data contained in this proposal is based on the best information available at the time of writing and is subject to further analysis and testing. The pricing data contained in this proposal are estimates only and may vary depending on the work actually performed. Pricing does not include federal, state and local taxes or royalties. This quotation is based on BJ Services Company being awarded the work on a first call basis and within thirty (30) days of the proposal date. These prices will be subject to review if the work is done after thirty (30) days from the proposal date, or on a second or third call basis.

Operator Name: Houston Exploration Company
Well Name: WALKER HOLLOW NORTH 2-32-6-23
Job Description: 8 5/8" Interm. CSG x 11" O.H. @ 4500' MD
Date: October 17, 2006



Proposal No: 100198883A

PRICE ESTIMATE

Equipment

QTY	UNIT	PRODUCT DESCRIPTION	UNIT PRICE	GROSS AMOUNT	DISC (%)	NET AMOUNT
1	6hrs	Cement Pump Casing, 4001 - 5000 ft	5,075.00	5,075.00	45.0	2,791.25
1	job	Data Acquisition, Cement, Standard	1,255.00	1,255.00	45.0	690.25
240	miles	Mileage, Heavy Vehicle	6.95	1,668.00	45.0	917.40
80	miles	Mileage, Auto, Pick-Up or Treating Van	3.96	316.80	45.0	174.24
Equipment Subtotal:				\$8,314.80		\$4,573.14

Freight/Delivery Charges

QTY	UNIT	PRODUCT DESCRIPTION	UNIT PRICE	GROSS AMOUNT	DISC (%)	NET AMOUNT
1264	tonmi	Bulk Delivery, Dry Products	2.33	2,945.12	45.0	1,619.82
Freight/Delivery Charges Subtotal:				\$2,945.12		\$1,619.82
TOTAL:				\$35,807.52		\$19,755.80

Customer will be charged for all 'SPECIAL PROPPANTS' delivered to location, whether they are pumped or not. All proppants other than standard grade frac sand are considered 'SPECIAL PROPPANTS'.

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Operator Name: Houston Exploration Company
Well Name: WALKER HOLLOW NORTH 2-32-6-23
Job Description: 4 1/2" Prod CSG x 7.875" O.H. @ 10,500' MD
Date: October 17, 2006



Proposal No: 100198883A

JOB AT A GLANCE

Depth (TVD)	10,500 ft
Depth (MD)	10,500 ft
Hole Size	7.875 in
Casing Size/Weight :	4 1/2 in, 11.6 lbs/ft
Pump Via	4 1/2" O.D. (4.000" I.D) 11.6
Total Mix Water Required	12,184 gals
Spacer	
Fresh Water	20 bbls
Density	8.3 ppg
Scavenger Slurry	
PL2+10%Gel+Additives	20 sacks
Density	9.5 ppg
Yield	8.45 cf/sack
Lead Slurry	
PL2+10%Gel+3%KCL	340 sacks
Density	11.0 ppg
Yield	3.38 cf/sack
Tail Slurry	
50:50 Poz:Class G+2%Gel	685 sacks
Density	14.3 ppg
Yield	1.31 cf/sack
Displacement	
Claytreat Water+Magnacide	162 bbls
Density	8.4 ppg

Operator Name: Houston Exploration Company
Well Name: WALKER HOLLOW NORTH 2-32-6-23
Job Description: 4 1/2" Prod CSG x 7.875" O.H. @ 10,500' MD
Date: October 17, 2006



Proposal No: 100198883A

WELL DATA

ANNULAR GEOMETRY

ANNULAR I.D. (in)	DEPTH(ft)	
	MEASURED	TRUE VERTICAL
7.825 CASING	4,500	4,500
7.875 HOLE	10,500	10,500

SUSPENDED PIPES

DIAMETER (in)		WEIGHT (lbs/ft)	DEPTH(ft)	
O.D.	I.D.		MEASURED	TRUE VERTICAL
4.500	4.000	11.6	10,500	10,500

Float Collar set @ 10,420 ft
Mud Density 9.80 ppg
Mud Type Water Based
Est. Static Temp. 192 ° F
Est. Circ. Temp. 149 ° F

VOLUME CALCULATIONS

683 ft	x	0.2235 cf/ft	with	0 % excess	=	152.8 cf
1,000 ft	x	0.2235 cf/ft	with	0 % excess	=	223.5 cf
3,000 ft	x	0.2278 cf/ft	with	35 % excess	=	924.8 cf
3,000 ft	x	0.2278 cf/ft	with	30 % excess	=	890.1 cf
80 ft	x	0.0873 cf/ft	with	0 % excess	=	7.0 cf (inside pipe)
TOTAL SLURRY VOLUME					=	2198.1 cf
					=	392 bbls

Operator Name: Houston Exploration Company
Well Name: WALKER HOLLOW NORTH 2-32-6-23
Job Description: 4 1/2" Prod CSG x 7.875" O.H. @ 10,500' MD
Date: October 17, 2006



Proposal No: 100198883A

FLUID SPECIFICATIONS

Spacer 20.0 bbls Fresh Water @ 8.3 ppg

<u>FLUID</u>	<u>VOLUME CU-FT</u>	<u>VOLUME FACTOR</u>	<u>AMOUNT AND TYPE OF CEMENT</u>
Scavenger Slurry	153	/ 8.45	= 20 sacks Premium Lite II Cement + 0.05 lbs/sack Static Free + 0.2% bwoc R-3 + 3% bwow Potassium Chloride + 0.25 lbs/sack Cello Flake + 5 lbs/sack Kol Seal + 0.005 gps FP-6L + 10% bwoc Bentonite + 0.5% bwoc Sodium Metasilicate + 556.3% Fresh Water
Lead Slurry	1148	/ 3.38	= 340 sacks Premium Lite II Cement + 0.05 lbs/sack Static Free + 0.2% bwoc R-3 + 3% bwow Potassium Chloride + 0.25 lbs/sack Cello Flake + 5 lbs/sack Kol Seal + 0.005 gps FP-6L + 10% bwoc Bentonite + 0.5% bwoc Sodium Metasilicate + 196.7% Fresh Water
Tail Slurry	897	/ 1.31	= 685 sacks (50:50) Poz (Fly Ash):Class G Cement + 0.05% bwoc Static Free + 10% bwow Sodium Chloride + 0.2% bwoc R-3 + 2% bwoc Bentonite + 58.7% Fresh Water

Displacement 162.0 bbls Claytreat Water+Magnacide 575 @ 8.4 ppg

CEMENT PROPERTIES

	SLURRY NO. 1	SLURRY NO. 2	SLURRY NO. 3
Slurry Weight (ppg)	9.50	11.00	14.30
Slurry Yield (cf/sack)	8.45	3.38	1.31
Amount of Mix Water (gps)	58.03	20.52	5.91
Amount of Mix Fluid (gps)	58.04	20.52	5.91
Estimated Pumping Time - 70 BC (HH:MM)		3:40	2:25

Operator Name: Houston Exploration Company
 Well Name: WALKER HOLLOW NORTH 2-32-6-23
 Job Description: 4 1/2" Prod CSG x 7.875" O.H. @ 10,500' MD
 Date: October 17, 2006



Proposal No: 100198883A

PRICE ESTIMATE

Product Material

QTY	UNIT	PRODUCT DESCRIPTION	UNIT PRICE	GROSS AMOUNT	DISC (%)	NET AMOUNT
343	94lbs	Class G Cement	25.80	8,849.40	45.0	4,867.17
2034	lbs	Potassium Chloride	0.74	1,505.16	45.0	827.84
4283	lbs	Bentonite	0.39	1,670.37	45.0	918.70
157	lbs	Sodium Metasilicate	3.13	491.41	45.0	270.28
178	lbs	R-3	2.81	500.18	45.0	275.10
90	lbs	Cello Flake	3.90	351.00	45.0	193.05
343	74lbs	Poz (Fly Ash)	12.15	4,167.45	45.0	2,292.10
3372	lbs	Sodium Chloride	0.38	1,281.36	45.0	704.75
1	ea	Cement Plug, Rubber, Top 4-1/2 in	115.25	115.25	45.0	63.39
360	sack	Premium Lite II Cement	22.15	7,974.00	45.0	4,385.70
2	gals	FP-6L	79.75	159.50	45.0	87.73
7	gals	Claytreat 3C	104.75	733.25	45.0	403.29
1	gals	Magnacide 575	471.00	471.00	45.0	259.05
1800	lbs	Kol Seal	0.90	1,620.00	45.0	891.00
47	lbs	Static Free	30.50	1,433.50	45.0	788.43
Product Material Subtotal:				\$31,322.83		\$17,227.58

Service Charges

QTY	UNIT	PRODUCT DESCRIPTION	UNIT PRICE	GROSS AMOUNT	DISC (%)	NET AMOUNT
1	ea	Personnel Surcharge - Cement Svc	137.00	137.00	0.0	137.00
1245	cu ft	Bulk Materials Service Charge	3.21	3,996.45	45.0	2,198.05
Service Charges Subtotal:				\$4,133.45		\$2,335.05

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Operator Name: Houston Exploration Company
 Well Name: WALKER HOLLOW NORTH 2-32-6-23
 Job Description: 4 1/2" Prod CSG x 7.875" O.H. @ 10,500' MD
 Date: October 17, 2006



Proposal No: 100198883A

PRICE ESTIMATE

Equipment

QTY	UNIT	PRODUCT DESCRIPTION	UNIT PRICE	GROSS AMOUNT	DISC (%)	NET AMOUNT
1	8hrs	Cement Pump Casing, 10001 - 11000 ft	11,350.00	11,350.00	45.0	6,242.50
1	job	Data Acquisition, Cement, Standard	1,255.00	1,255.00	45.0	690.25
240	miles	Mileage, Heavy Vehicle	6.95	1,668.00	45.0	917.40
80	miles	Mileage, Auto, Pick-Up or Treating Van	3.96	316.80	45.0	174.24
1	job	Field Storage Bin	975.00	975.00	45.0	536.25
Equipment Subtotal:				\$15,564.80		\$8,560.64

Freight/Delivery Charges

QTY	UNIT	PRODUCT DESCRIPTION	UNIT PRICE	GROSS AMOUNT	DISC (%)	NET AMOUNT
2016	tonmi	Bulk Delivery, Dry Products	2.33	4,697.28	45.0	2,583.50
Freight/Delivery Charges Subtotal:				\$4,697.28		\$2,583.50
TOTAL:				\$55,718.36		\$30,706.77

Customer will be charged for all 'SPECIAL PROPPANTS' delivered to location, whether they are pumped or not. All proppants other than standard grade frac sand are considered 'SPECIAL PROPPANTS'.

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CONDITIONS

BJ Services' performance of services and sale of materials is expressly conditioned upon the applicability of the Terms and Conditions contained in the current BJ Services Price Book. The Terms and Conditions include, among other things, an indemnity in favor of BJ Services from Customer for damage to the well bore, reservoir damage, loss of the hole, blowouts and loss of control of the well, even if caused by the negligence or other fault of BJ Services. The Terms and Conditions also limit the warranties provided by the BJ Services and the remedies to which Customer may be entitled in the event of a breach of warranty by BJ Services. For these reasons, we strongly recommend that you carefully review a copy of the Terms and Conditions. If you do not have a copy of the BJ Services Price Book, you can view the Terms and Conditions on BJ Services Web Site, www.bjservices.com. By requesting that BJ Services perform the services described herein, Customer acknowledges that such Terms and Conditions are applicable to the services. Further, by requesting the services, Customer warrants that its representative on the well location or other service site will be fully authorized to acknowledge such Terms and Conditions by executing a Field Receipt or other document presented by BJ Services containing such Terms and Conditions.

In the event that Customer and BJ Services have executed a Master Services Agreement covering the work to be performed, such Master Services Agreement shall govern in place of the Terms and Conditions. If you are interested in entering into Master Services Agreement with BJ Services, please contact us through the "Go BJ" button on the BJ Services Web Site.

Operator Name: Houston Exploration Company
Well Name: WALKER HOLLOW NORTH 2-32-6-23
Date: October 17, 2006



Proposal No: 100198883A

End of Report

01-06 N Walker Hollow 2-32-6-23rev.

Casing Schematic

Surface

13-3/8"
MW 8.4
Frac 19.3

TOC @
16.
Surface
450. MD

w/188 washout

Surface Csg

708 = 1211 psi

Test to 1200 psi ✓

Int. Csg -

708 = 2765 psi

Test to 2700 psi ✓

3 Stop
Green River
4166'
Birds nest

8-5/8"
MW 9.5
Frac 19.3

TOC @
796.

w/128 w

TOC @
3979.

Intermediate
4500. MD

Prod. Csg

BHP = 6545 psi

MAASP = 4235 psi

* Max pressure allowed @ intermediate

Shoe = 4500 psi

MAASP = 3960 psi allowed (gas gradient)

5566'
washout

5m BOPE proposed ✓

✓ Adequate DKO 11/3/06

10066'
Maverick

4-1/2"
MW 12.

Production
10500. MD

w/128 w

Well name:	01-06 N Walker Hollow 2-32-6-23rev.	
Operator:	Houston Exploration Company	Project ID:
String type:	Production	43-047-37399
Location:	Uintah County	

Design parameters:

Collapse

Mud weight: 12.000 ppg
 Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: ~~2,098 psi~~ *4235 psi*
 Internal gradient: *a.22* ~~0.424 psi/ft~~ *0.424 psi/ft*
 Calculated BHP: ~~6,545 psi~~ *6545 psi*
 No backup mud specified.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
 Surface temperature: 65 °F
 Bottom hole temperature: 212 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 1,500 ft
 Cement top: 3,979 ft

Tension:

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

Non-directional string.

Tension is based on buoyed weight.
 Neutral point: 8,617 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	10500	4.5	11.60	P-110	LT&C	10500	10500	3.875	916.3

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	6545	7580	1.158 ✓	6545	10690	1.63 ✓	100	279	2.79 J ✓

Prepared by: Dustin K. Doucet
 Div of Oil, Gas & Minerals

Phone: 801-538-5281
 FAX: 810-359-3940

Date: November 3, 2006
 Salt Lake City, Utah

Remarks:
 Collapse is based on a vertical depth of 10500 ft, a mud weight of 12 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

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

Well name:	01-06 N Walker Hollow 2-32-6-23rev.		
Operator:	Houston Exploration Company		
String type:	Intermediate	Project ID:	43-047-37399
Location:	Uintah County		

Design parameters:

Collapse

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

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
 Surface temperature: 65 °F
 Bottom hole temperature: 128 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 1,500 ft

Cement top: 796 ft

Burst

Max anticipated surface pressure: 3,960 psi
 Internal gradient: 0.120 psi/ft
 Calculated BHP 4,500 psi
 Annular backup: 8.33 ppg

Tension:

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

Tension is based on buoyed weight.
 Neutral point: 3,862 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 10,000 ft
 Next mud weight: 12.000 ppg
 Next setting BHP: 6,234 psi
 Fracture mud wt: 19.250 ppg
 Fracture depth: 4,500 ft
 Injection pressure: 4,500 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	4500	8.625	36.00	J-55	ST&C	4500	4500	7.7	1502.8
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	2221	3450	1.554 ✓	3960	4460	1.13 ✓	139	434	3.12 J ✓

Prepared by: Dustin K. Doucet
 Div of Oil, Gas & Minerals

Phone: 801-538-5281
 FAX: 810-359-3940

Date: November 3, 2006
 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 4500 ft, a mud weight of 9.5 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

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

Well name:	01-06 N Walker Hollow 2-32-6-23rev.	
Operator:	Houston Exploration Company	Project ID:
String type:	Surface	43-047-37399
Location:	Uintah County	

Design parameters:

Collapse

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

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
 Surface temperature: 65 °F
 Bottom hole temperature: 71 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 250 ft

Cement top: 16 ft

Burst

Max anticipated surface pressure: 396 psi
 Internal gradient: 0.120 psi/ft
 Calculated BHP 450 psi

No backup mud specified.

Tension:

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

Tension is based on buoyed weight.
 Neutral point: 395 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 4,500 ft
 Next mud weight: 10.000 ppg
 Next setting BHP: 2,338 psi
 Fracture mud wt: 19.250 ppg
 Fracture depth: 450 ft
 Injection pressure: 450 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	450	13.375	48.00	H-40	ST&C	450	450	12.59	396.8
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	196	740	3.769 ✓	450	1730	3.84 ✓	19	322	17.00 J ✓

Prepared by: Dustin K. Doucet
 Div of Oil, Gas & Minerals

Phone: 801-538-5281
 FAX: 810-359-3940

Date: November 3, 2006
 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 450 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

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

CONFIDENTIAL

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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:
ML-47777

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL OIL WELL GAS WELL OTHER _____

8. WELL NAME and NUMBER:
North Walker Hollow 2-32-6-23

2. NAME OF OPERATOR:
The Houston Exploration Company

9. API NUMBER:
4304737399

3. ADDRESS OF OPERATOR:
1100 Louisiana Suite 2000 CITY Houston STATE TX ZIP 77002

PHONE NUMBER:
(713) 830-6800

10. FIELD AND POOL, OR WILDCAT:
Undesignated

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 581' FNL & 1945' FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 32 6S 23E

COUNTY: Uintah

STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> 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 checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> 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.

Operator respectfully requests to change TD from 10,500 to 10,700 for the subject location. Verbal permission was requested and granted by Dustin Ducet at 11:30 am on 12/15/06.

COPY SENT TO OPERATOR
Date: 12-29-06
Initials: RM

NAME (PLEASE PRINT) Ginger Stringham

TITLE Regulatory Agent

SIGNATURE *Ginger Stringham*

DATE 12/20/2006

(This space for State use only)

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 12/28/06
BY: *Dustin Ducet*
*Verbal granted 12/15/06

RECEIVED
DEC 22 2006

DIV. OF OIL, GAS & MINING

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

ROUTING

- | |
|--------|
| 1. DJJ |
| 2. CDW |

Change of Operator (Well Sold)

X - Operator Merger

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

6/1/2007

FROM: (Old Operator):

N2525 - The Houston Exploration Company
1100 Louisiana, Suite 2000
Houston, TX 77002

Phone: 1-(713) 830-6800

TO: (New Operator):

N6965-Forest Oil Corporation
707 17th St, Suite 3600
Denver, CO 80202

Phone: 1 (303) 812-1755

CA No.

Unit:

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED LIST								

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 7/30/2007
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 7/30/2007
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 7/31/2007
- 4a. Is the new operator registered in the State of Utah: Business Number: 571171-0143
- 4b. If **NO**, the operator was contacted on: _____
- 5a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
- 5b. Inspections of LA PA state/fee well sites complete on: _____
- 5c. Reports current for Production/Disposition & Sundries on: YES
- 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: n/a
- 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: 7/31/2007
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 7/31/2007
- Bond information entered in RBDMS on: 7/31/2007
- Fee/State wells attached to bond in RBDMS on: 7/31/2007
- Injection Projects to new operator in RBDMS on: n/a
- Receipt of Acceptance of Drilling Procedures for APD/New on: pending

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: 6236351
- Indian well(s) covered by Bond Number: n/a
- 3a. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 6218963
- 3b. The **FORMER** operator has requested a release of liability from their bond on: not yet

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: 8/1/2007

COMMENTS:

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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:
See Attached List

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
OIL WELL GAS WELL OTHER _____

8. WELL NAME and NUMBER:
See Attached List

2. NAME OF OPERATOR:
Forest Oil Corporation *N6965*

9. API NUMBER:
various

3. ADDRESS OF OPERATOR:
707 17th Street, #3600 CITY Denver, STATE CO ZIP 80202 PHONE NUMBER: (303) 812-1755

10. FIELD AND POOL, OR WILDCAT:

4. LOCATION OF WELL
FOOTAGES AT SURFACE: **See attached list** COUNTY: _____
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____ STATE: **UTAH**

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

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

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. *N2525*

Effective 6/1/2007 please change the operator for the attached list of Utah wells from The Houston Exploration Company N-2525 to Forest Oil Corporation (N-6965). Forest merged with The Houston Exploration Company, a copy of the merger document is attached.. The contract operated wells will continue to be contract operated by Enduring.

Forest Oil Corporation as new operator, accepts all applicable terms, conditions, stipulations and restrictions concerning approved operations conducted on the lease or portion of the lease described.

Forest Oil Corporation meets the State of Utah bonding requirements under Safeco bond #6218963.

Please send all future correspondence to Forest Oil Corporation at the above listed address.

Forest Oil Corporation, 707 17th Street, Suite #3600, Denver, CO 80202

J.C. Ridens
J. C. Ridens, Senior Vice President - Western Region

7-5-07
Date

NAME (PLEASE PRINT) Joanne C. Hresko TITLE Vice President & General Mgr. - Northern Division
SIGNATURE *Joanne C. Hresko* DATE 7-5-07

(This space for State use only)

APPROVED *7131107*
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

No wells in APD status or at New status at this time

RECEIVED
JUL 30 2007

(5/2000)

(See Instructions on Reverse Side)

DIV OF OIL, GAS & MINING *WMP*

well_name	sec	twp	rng	api	entity	lease	well	stat	flag	unit	qtr_qtr	l_num	op no
FEDERAL 28-01	28	080S	250E	4304730098	10095	Federal	GW	S			SESE	UTU-016257	N2525
CONOCO STATE 32-2	32	080S	250E	4304730100	10096	State	GW	S			NENE	ML-11124	N2525
ROCK HOUSE 11-31	31	100S	230E	4304733312	13984	Federal	GW	P			NESW	UTU-76281	N2525
BONANZA 4B-12	12	090S	230E	4304733806	14593	Federal	D	PA			NWNW	UTU-74426	N2525
WALKER HOLLOW 13-31	31	060S	230E	4304735039		Federal	GW	LA			SESW	UTU-76280	N2525
ROCK HOUSE 6D-32	32	100S	230E	4304735409	14293	State	GW	S			SESW	ML-47063	N2525
BONANZA 2B-16	16	090S	240E	4304735694	14186	State	D	PA			NWNE	ML-46526	N2525
ROCK HOUSE 2D-36	36	100S	220E	4304735759	14357	State	GW	P			NWNE	ML-47061	N2525
ROCK HOUSE 2D-32	32	100S	230E	4304735760	14317	State	GW	S			NWNE	ML-47063	N2525
ROCK HOUSE 10D-32	32	100S	230E	4304735761	14318	State	GW	S			NWSE	ML-47063	N2525
ROCK HOUSE 12D-32	32	100S	230E	4304735762	14294	State	GW	P			NWSW	ML-47063	N2525
ROCK HOUSE 11-36	36	100S	220E	4304735900	14478	State	GW	P			NESW	ML-46907	N2525
ROCK HOUSE 4-36	36	100S	220E	4304735901	14449	State	GW	S			NWNW	ML42061	N2525
BONANZA 12A-22	22	090S	240E	4304735922	14520	Federal	D	PA			NWSW	UTU-78118	N2525
BONANZA 14-16	16	090S	240E	4304735941	14521	State	D	PA			SESW	ML-46526	N2525
ROCK HOUSE 11-2	02	110S	230E	4304736153	14695	State	GW	P	C		NESW	ML-47078	N2525
ROCK HOUSE 7-32-10-23	32	100S	230E	4304736306	14766	State	GW	S			SWNE	ML-47063	N2525
ROCK HOUSE 3-32-10-23	32	100S	230E	4304736307	14781	State	GW	P			NENW	ML-47063	N2525
ROCK HOUSE 5-32-10-23	32	100S	230E	4304736410	14727	State	GW	S			SWNW	ML-47063	N2525
GUSHER 6-2	02	060S	190E	4304736963		State	OW	LA			SESW	ML-49144	N2525
N HORSESHOE 3-16-6-21	16	060S	210E	4304737391	15716	State	GW	DRL	C		NENW	ML-49317	N2525
N HORSESHOE 12-7-6-22	07	060S	220E	4304737392		State	GW	LA			NWSW	ML-47969	N2525
N HORSESHOE 16-9-6-22	09	060S	220E	4304737393		State	GW	LA			SESE	ML-47969	N2525
N HORSESHOE 14-10-6-22	10	060S	220E	4304737394		State	GW	LA			SESW	ML-47969	N2525
N HORSESHOE 2-15-6-22	15	060S	220E	4304737395		State	GW	LA			NWNE	ML-47969	N2525
N HORSESHOE 4-15-6-22	15	060S	220E	4304737396		State	GW	LA			NWNW	ML-47969	N2525
N WALKER HOLLOW 12-32-6-23	32	060S	230E	4304737397		State	GW	LA			NWSW	ML-47777	N2525
N WALKER HOLLOW 16-32-6-23	32	060S	230E	4304737398		State	GW	LA			SESE	ML-47777	N2525
N WALKER HOLLOW 2-32-6-23	32	060S	230E	4304737399	15741	State	GW	DRL	C		NWNE	ML-47777	N2525
N WALKER HOLLOW 10-32-6-23	32	060S	230E	4304737400		State	GW	LA			NWSE	ML-47777	N2525
N WALKER HOLLOW 8-32-6-23	32	060S	230E	4304737401		State	GW	LA			SENE	ML-47777	N2525
N WALKER HOLLOW 11-36-6-23	36	060S	230E	4304737462		State	GW	LA			NESW	ML-47970	N2525
N WALKER HOLLOW 13-36-6-23	36	060S	230E	4304737463		State	GW	LA			SWSW	ML-47970	N2525
N WALKER HOLLOW 15-36-6-23	36	060S	230E	4304737464		State	GW	LA			SWSE	ML-47970	N2525
N WALKER HOLLOW 14-32-6-23	32	060S	230E	4304737478		State	GW	LA			SESW	ML-47777	N2525
HACKING RES 11-32-8-25	32	080S	250E	4304737479		State	GW	LA			NESW	ML-11124	N2525
HACKING RES 3-32-8-25	32	080S	250E	4304737480		State	GW	LA			NENW	ML-11124	N2525
HACKING RES 5-32-8-25	32	080S	250E	4304737481		State	GW	LA			SWNW	ML-11124	N2525
HACKING RES 15-32-8-25	32	080S	250E	4304737482		State	GW	LA			SWSE	ML-11124	N2525
HACKING RES 9-32-8-25	32	080S	250E	4304737483		State	GW	LA			NESE	ML-11124	N2525
HACKING RESERVOIR 7-32-8-25	32	080S	250E	4304737571	15885	State	GW	DRL	C		SWNE	ML-11124	N2525

NOTICE

Utah Oil and Gas Conservation General Rule R649-3-21 states that,

- A well is considered completed when the well has been adequately worked to be capable of producing oil or gas or when well testing as required by the division is concluded.
- Within 30 days after the completion or plugging of a well, the following shall be filed:
 - Form 8, Well Completion or Recompletion Report and Log
 - A copy of electric and radioactivity logs, if run
 - A copy of drillstem test reports,
 - A copy of formation water analyses, porosity, permeability or fluid saturation determinations
 - A copy of core analyses, and lithologic logs or sample descriptions if compiled
 - A copy of directional, deviation, and/or measurement-while-drilling survey for each horizontal well

Failure to submit reports in a timely manner will result in the issuance of a Notice of Violation by the Division of Oil, Gas and Mining, and may result in the Division pursuing enforcement action as outlined in Rule R649-10, Administrative Procedures, and Section 40-6-11 of the Utah Code.

As of the mailing of this notice, the division has not received the required reports for

Operator: Forest Oil Corporation Today's Date: 09/18/2007

Well:	API Number:	Drilling Commenced:
N Horseshoe 3-16-6-21 drlg/wcr	4304737391	09/29/2006
N Walker Hollow 2-32-6-23 drlg/wcr	4304737399	10/12/2006

To avoid compliance action, required reports should be mailed within 7 business days to:

Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

If you have questions or concerns regarding this matter, please call (801) 538-5284.

cc: Well File
Compliance File

Confidential

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

AMENDED REPORT FORM 8 (highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

2. NAME OF OPERATOR: Forest Oil Corporation

3. ADDRESS OF OPERATOR: 707 17th St, #3600 CITY Denver STATE CO ZIP 80202 PHONE NUMBER: (303) 812-1755

4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 581' FNL & 1945' FEL AT TOP PRODUCING INTERVAL REPORTED BELOW: AT TOTAL DEPTH: 9129107

5. LEASE DESIGNATION AND SERIAL NUMBER: ML-47777

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT or CA AGREEMENT NAME

8. WELL NAME and NUMBER: North Walker Hollow 2-32-6-23

9. API NUMBER: 4304737399

10 FIELD AND POOL, OR WILDCAT Undesignated

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 32 6S 23E

12. COUNTY Uintah 13. STATE UTAH

14. DATE SPUNDED: 10/13/2006 15. DATE T.D. REACHED: 12/15/2006 16. DATE COMPLETED: ABANDONED READY TO PRODUCE

17. ELEVATIONS (DF, RKB, RT, GL): 4920 GL

18. TOTAL DEPTH: MD 10,732 TVD 10,732 19. PLUG BACK T.D.: MD 10,690 TVD 10,690 20. IF MULTIPLE COMPLETIONS, HOW MANY? *

21. DEPTH BRIDGE MD PLUG SET: TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each) LDEN/CNL/Array Induction Caliper/Cement CZDEN/CNL/CAL/GR/HDIL RST Sigma/GR/CCL CBL/GR

23. WAS WELL CORED? NO YES WAS DST RUN? NO YES DIRECTIONAL SURVEY? NO YES

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

Table with columns: HOLE SIZE, SIZE/GRADE, WEIGHT (#/L), TOP (MD), BOTTOM (MD), STAGE CEMENTER DEPTH, CEMENT TYPE & NO. OF SACKS, SLURRY VOLUME (BBL), CEMENT TOP **, AMOUNT PULLED

25. TUBING RECORD

Table with columns: SIZE, DEPTH SET (MD), PACKER SET (MD)

26. PRODUCING INTERVALS

Table with columns: FORMATION NAME, TOP (MD), BOTTOM (MD), TOP (TVD), BOTTOM (TVD)

27. PERFORATION RECORD

Table with columns: INTERVAL (Top/Bot - MD), SIZE, NO. HOLES, PERFORATION STATUS

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

Table with columns: DEPTH INTERVAL, AMOUNT AND TYPE OF MATERIAL

29. ENCLOSED ATTACHMENTS:

Checkboxes for ELECTRICAL/MECHANICAL LOGS, GEOLOGIC REPORT, DST REPORT, DIRECTIONAL SURVEY, SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION, CORE ANALYSIS, OTHER.

30. WELL STATUS:

SI

RECEIVED

OCT 19 2007

DIV. OF OIL, GAS & MINING

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED: 9/29/2007		TEST DATE: 10/4/2007		HOURS TESTED: 24		TEST PRODUCTION RATES: →	OIL - BBL: 0	GAS - MCF: 1,144	WATER - BBL: 96	PROD. METHOD: Flow
CHOKE SIZE: 32/64	TBG. PRESS. 190	CSG. PRESS. 950	API GRAVITY	BTU - GAS 1,092	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL: 0	GAS - MCF: 1,144	WATER - BBL: 96	INTERVAL STATUS: SI

INTERVAL B (As shown in item #26)

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

INTERVAL C (As shown in item #26)

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

INTERVAL D (As shown in item #26)

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

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

Vented - waiting on pipeline

33. SUMMARY OF POROUS ZONES (Include Aquifers):

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

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
Mesa Verde	9,592	9,604	SS gas	Uteland Butte	5,851
Mesa Verde	9,828	9,833	SS gas	Green River	3,133
Mesa Verde	9,966	9,984	SS gas	Wasatch	5,972
Mesa Verde	10,128	10,142	SS gas	Mesa Verde	7,738
Mesa Verde	10,370	10,380	SS gas		
Mesa Verde	10,407	10,455	SS gas		
Mesa Verde	10,490	10,570	SS gas		
Mesa Verde	10,524	10,546	SS gas		
Mesa Verde	10,572	10,588	SS gas		
Mesa Verde	10,694	10,680	SS gas		

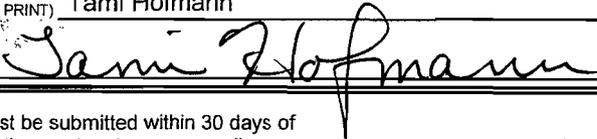
35. ADDITIONAL REMARKS (Include plugging procedure)

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

NAME (PLEASE PRINT) Tami Hofmann

TITLE Regulatory Specialist

SIGNATURE



DATE 10/15/2007

This report must be submitted within 30 days of

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

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

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

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

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

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
ML-47777

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL OIL WELL GAS WELL OTHER _____

8. WELL NAME and NUMBER:
North Walker Hollow 2-32-6-23

2. NAME OF OPERATOR:
Forest Oil Corporation

9. API NUMBER:
4304737399

3. ADDRESS OF OPERATOR:
707 17th Street, #3600 CITY Denver STATE CO ZIP 80202

PHONE NUMBER:
(303) 812-1755

10. FIELD AND POOL, OR WILDCAT:
Undesignated

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 581' FNL & 1945' FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 32 6S 23E

COUNTY: Uintah

STATE: UTAH

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

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

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

Forest Oil Corporation completed this well. Well is waiting to tie into a sales line and put on production.

Accepted by the
Utah Division of
Oil, Gas and Mining
For Record Only

NAME (PLEASE PRINT) Tami Hofmann

TITLE Regulatory Specialist

SIGNATURE Tami Hofmann

DATE 4/28/2008

(This space for State use only)

RECEIVED

APR 30 2008

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

CONFIDENTIAL

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:
ML-47777

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

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

1. TYPE OF WELL OIL WELL GAS WELL OTHER _____

8. WELL NAME and NUMBER:
North Walker Hollow 2-32-6-23

2. NAME OF OPERATOR:
Forest Oil Corporation

9. API NUMBER:
43-047-37399

3. ADDRESS OF OPERATOR:
707 17th Street, Ste 3600 CITY **Denver** STATE **Co** ZIP **80202**

PHONE NUMBER:
(303) 812-1554

10. FIELD AND POOL, OR WLD CAT:
Undesignated

4. LOCATION OF WELL
FOOTAGES AT SURFACE: **581' FNL & 1945' FEL**

COUNTY: **Uintah**

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: **NWNE 32 6S 23E**

STATE: **UTAH**

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

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

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

8-11-08 - MIRU Josco Flow Back Services, Tbg 3400#, Csg 2400#, open well to flare on 10 choke w/1770 MCFD rate, ramped open choke to 20, tbg 725#, csg 2300#, 1584 MCFD rate, no sand, slugged heavy oil/H2O, no sand. Continue Flow Testing.

8-12-08 - Tbg 700-200#, csg 2200-1500# 24 hrs on 20 choke, 1530-486 MCFD rate, 344 BWR (14 BPH rate) 521 BWTR. Trace oil. Continue flow back

8-13-08 - Tbg 200-160#, csg 1500-1350#, 20 choke, 486-388 MCFD rate, 123 BWR, 644 BWRT, continue flow back

8-14-08 - ATS took water, oil & gas samples for analysis, rigged down flow back equipment & shut in

8-29-08 -MIRU Asa WL, RIH w/ sinker bar tag BTM @ 10,537', POH, RIH w/ Gauge ring Tag EOT @ 9930', no tight spots, POH & rig off

NAME (PLEASE PRINT) Cindy Bush

TITLE Sr. Regulatory Tech

SIGNATURE *Cindy Bush*

DATE _____

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SEP 29 2008



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil Gas and Mining

JOHN R. BAZA
Division Director

January 29, 2009

CERTIFIED MAIL NO. 7004 2510 0004 1824 6701

Tami Hofmann
Forest Oil Corporation
707 17th Street #3600
Denver, CO 80202

Subject: N Horseshoe 3-16-6-21 API 43-047-37391, N WALKER HOLLOW 2-32-6-23 API 43-047-37399.
Second Notice of Extended Shut-in and Temporarily Abandoned Well Requirements
for Wells on Fee or State Leases

6S 23E 32

Dear Ms. Hofmann:

Forest Oil Corporation ("Forest"), as of January 2009, has two (2) State Lease Wells (see attachment A) that are currently in non-compliance with the requirements for extended shut-in or temporarily abandoned (SI/TA) status. Wells SI/TA beyond twelve (12) consecutive months requires filing a Sundry Notice (R649-3-36-1). Wells with five (5) years non-activity or non-productivity shall be plugged, unless the Utah Division of Oil, Gas and Mining ("Division") grants approval for extended shut-in time upon a showing of good cause by the operator (649-3-36-1.3.3).

In August 2008, the Division notified you by certified mail that the N Horseshoe 3-16-6-21 well was in non-compliance for SI/TA status. Forest was then given 30 days to respond to with appropriate documentation per R649-3-36 to bring this well back into compliance. To date the Division has not received any such correspondence. The Division feels more than sufficient time has passed.

Consider this also a **First Notice** of non-compliance for the N Walker Hollow 2-32-6-23 well. Please submit your plans to produce or plug these wells to the Division within 30 days of this notice or further actions will be initiated.



Page 2
Ms. Tami Hofman
January 29, 2009

New Sundry Notices with appropriate documentation of plans to plug and abandon or produce these wells should be submitted to the Division immediately. For extended SI/TA consideration the operator shall provide the Utah Division of Oil, Gas & Mining with the following:

1. Reasons for SI/TA of the well (R649-3-36-1.1).
2. The length of time the well is expected to be SI/TA (R649-3-36-1.2), and
3. An explanation and supporting data if necessary, for showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence or absence of Underground Sources of Drinking Water and other factors do not make the well a risk to public health and safety or the environment (R649-3-36-1.3).

Submitting the information suggested below may help show well integrity and may help qualify your well for extended SI/TA. **Note: As of July 1, 2003, wells in violation of the SI/TA rule R649-3-36 may be subject to full cost bonding (R649-3-1-4.2, 4.3).**

1. Wellbore diagram, and
2. Copy of recent casing pressure test, and
3. Current pressures on the wellbore (tubing pressure, casing pressure, and casing/casing annuli pressure) showing wellbore has integrity, and
4. Fluid level in the wellbore, and
5. An explanation of how the submitted information proves integrity.

If the required information is not received within 30 days of the date of this notice, further actions may be initiated. If you have any questions concerning this matter, please contact me at (801) 538-5281.

Sincerely,



Dustin K. Doucet
Petroleum Engineer

DKD/JP/js
Enclosure
cc: Jim Davis, SITLA
Compliance File
Wells File

ATTACHMENT A

	Well Name	API	Lease Type	Years Inactive
1	N Horseshoe 3-16-6-21	43-047-37391	ML-49317	2 YEARS 2 MONTHS
2	N WALKER HOLLOW 2-32-6-23	43-047-37399	ML-47777	1 YEAR 4 MONTHS

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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:
ML-47777

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

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

1. TYPE OF WELL OIL WELL GAS WELL OTHER _____

8. WELL NAME and NUMBER:
North Walker Hollow 2-32-6-23

2. NAME OF OPERATOR:
Forest Oil Corporation

9. API NUMBER:
4304737399

3. ADDRESS OF OPERATOR:
707 17th Street, #3600 CITY Denver STATE CO ZIP 80202

PHONE NUMBER:
(303) 812-1755

10. FIELD AND POOL, OR WILDCAT:
Undesignated

4. LOCATION OF WELL

FOOTAGES AT SURFACE: **581' FNL & 1945' FEL**

COUNTY: **Uintah**

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: **NWNE 32 6S 23E**

STATE:
UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<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 checked="" 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.

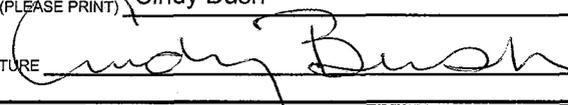
The reseeding was completed for this location, in accordance with the rules and regulations set forth in the approved APD.

Top soil was laid back on the previously filled in reserve pit, as well as the disturbed area around the location and along the road. All areas were seeded utilizing a seeding drill with the following mixture.

- Crested wheatgrass - 12#/acre
- Siberian wheatgrass - 16#/acre
- Needle and thread grass - 8#/acre
- Forage Kochia - 8#/acre
- Scarlet globemallow - 4#/acre
- Fourwing Saltbrush - 4#/acre

NAME (PLEASE PRINT) **Cindy Bush**

TITLE **Sr. Regulatory Tech**

SIGNATURE 

DATE **3/4/2009**

(This space for State use only)

RECEIVED

MAR 09 2009

North Walker Hollow

2-32-6-23

Seed Mix for Small Acreage Reclamation

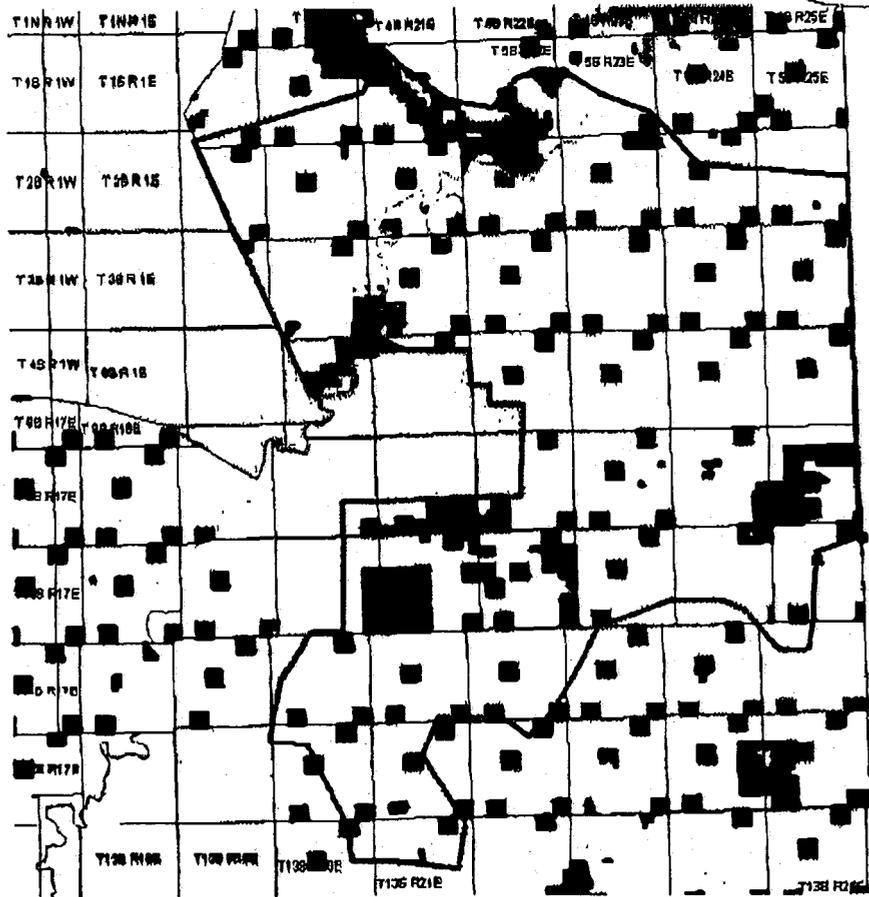
Low Elevation Book Cliffs (See map)

SPECIES	COMMON NAME	POUNDS PER ACRE (PLS)
<i>Agropyron cristatum</i> var. <i>Ephraim</i>	Crested wheatgrass	12
<i>Agropyron fragile</i> ssp <i>sibericum</i>	Siberian wheatgrass	16
<i>Stipa comata</i>	Needle and Thread grass	8
<i>Kochia prostrate</i> *	Forage Kochia	8
<i>Sphaeralcea coccinea</i> or <i>Sphaeralcea glossulifolia</i> **	Scarlet globemallow Gooseberry leaf globemallow	4
<i>Atriplex canescens</i>	Fourwing Saltbrush	4

* Best if applied to surface during winter months.
** use only if scarlet globemallow is not available.

52 DBS PLS

Location @
Pipeline per
Clay



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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-47777
		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 checked="" type="checkbox"/> OTHER _____		8. WELL NAME and NUMBER: North Walker Hollow 2-32-6-23
2. NAME OF OPERATOR: Forest Oil Corporation		9. API NUMBER: 43-047-37399
3. ADDRESS OF OPERATOR: 707 17th Street, Ste 3600 CITY Denver STATE CO ZIP 80202		10. FIELD AND POOL, OR WILDCAT: Undesignated
4. LOCATION OF WELL FOOTAGES AT SURFACE: 581' FNL & 1945' FEL		COUNTY: Uintah
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 32 6S 23E		STATE: UTAH

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

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	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 0-30-2009	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Weed Control
	<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.

Forest Oil Corporation would respectfully like to let you know that Pride Weed Control came out and applied weed control on 6/30/2009 at 12:55. Please see attached invoice that covers all of the wells that are listed on the attached spreadsheet, along with a copy of the Pesticide Application Report.

NAME (PLEASE PRINT) Kelly Harris	TITLE Regulatory Tech
SIGNATURE	DATE 1/12/2010

(This space for State use only)

RECEIVED
FEB 24 2010

Pride Weed Control, Inc.

8100 Hwy 550
Durango CO 81303

Invoice

Date	Invoice #
7/8/2009	13710

Bill To
Forest Oil Corporation

Service Location
Bare Ground Weed Control

P.O. No.	Terms	Due Date
	2% 10 Net 30	8/7/2009

Item	Description	Quantity	Rate	Amount
4.3	Bare Ground Vegetation Management: By Production Unit EPA 74477-9-81927	22.4	1,922.50	1,922.50T
Mojave 70 EG			5.00%	0.00 96.13
Commercial applicators are licensed by the Colorado Department of Agriculture				
Phone #	Fax #	E-mail	Total	
(970) 247-9778	(970) 385-0967	pwc@animas.net	\$2,018.63	

RECEIVED
FEB 24 2010
DIV. OF OIL, GAS & MINING

BUREAU OF LAND MANAGEMENT
PESTICIDE APPLICATION REPORT

BLM Field Office: VERNAL, UT

Date: SEPTEMBER 30, 2009

Applicator Information:

1. Office Address: Pride Weed Control, Inc. 8100 Hwy 550 Durango, CO 81303
 - a. Phone Number: 970-247-9778
 - b. Project Name: Various Oil and Gas Facilities for Forest Oil
 - c. Pesticide Use Proposal Number: _____
2. Name of Applicator or Employee(s) Applying the Pesticide: Pride Weed Control, Inc.
3. Date(s) of Application (month, day, year): Various
4. Time of Application: Various
5. Location of Application: Various (see attached)
6. Type of Equipment Used: Truck mounted sprayer – handgun
7. Pesticide(s) Used:
 - a. Company or Manufacturer Name: ALLIGARE LLC
 - b. Trade Name: MOJAVE
 - c. Type of Formula: DISPERSABLE GRANUAL
8. Rate of Application Used (active ingredient per acre): 10 LBS / ACRE

Total amount of pesticide used: 24 LBS

Total amount of active ingredient used: 1.8672 LBS of Imazapyr and
14.9328 lbs of diuron
9. Total Area Treated: 3 Acres
10. Primary Pest(s) Involved: ALL VEGETATION

RECEIVED

FEB 24 2010

DIV. OF OIL, GAS & MINING

11. Stage of Pest Development: Various

12. Weather Conditions: Variable

13. Monitoring Record (if insufficient space-continue on back):

*This record if required by law and must completed except for monitoring within 24 hours after completion of application of pesticides. This record must be maintained for a minimum of 10 years.

RECEIVED
FEB 24 2010
DIV. OF OIL, GAS & MINING



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Vernal Field Office
170 South 500 East
Vernal, UT 84078
(435) 781-4400 Fax: (435) 781-4410

REFER TO: 9015 (UT-933)

TO: Mr. Clay W. Grant
Forest Oil Corporation
916 Upland Way
Green River WY 82935

Mr. George Thompson
Pride Weed Control
8100 Hwy 550
Durango CO 81303

FROM: Clayton Newberry, Minerals Dept Botanist
USDI Bureau of Land Management, Vernal Field Office

SUBJECT: PUP No. 09-LLUTG01000-17

Dear Mr. Grant and Mr. Thompson:

Your Pesticide Use Proposal (09-LLUTG01000-17) has been approved, with modifications and clarifications, by State Office in Salt Lake City. I have included a copy of the letter from State Office.

I have also included a Pesticide Application Record Form (PARF). Please send a copy of the PARF to your pesticide applicator. Instruct him that he should fill out a separate PARF every time he applies pesticide, one PARF per general area of application; and to submit all completed PARFs to our office every year by 01 November. I have included a completed PARF as a sample, to show how it should be filled out.

In addition, when submitting Pesticide Use Proposals from now on, please use the most current form posted on the Vernal BLM web page at the following URL:
http://www.blm.gov/style/medialib/blm/ut/vernal_fo/energy.Par.91962.File.dat/BLANK%20PUP%20FORM.pdf.

If you have any questions or need clarification, contact me by office phone at 435-781-3404 or by e-mail at Clayton_Newberry@blm.gov.

I wish you well in your operations in areas administered by Vernal Field Office.

Respectfully,

Clayton Newberry

Enclosures: PUP approval letter
Pesticide Application Record Form
sample completed Pesticide Application Record Form

Rock House File
10 August 2009

RECEIVED

FEB 24 2010

DIV. OF OIL, GAS & MINING



United States Department of the Interior



Services	RC
Land Use & Minerals	✓
NEPA	
Renewables	
IN REPLY REFER TO:	
9015	(UT-933)
BUREAU OF LAND MGMT. VERNAL, UTAH	
ALL EMPLOYEES	

BUREAU OF LAND MANAGEMENT

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

JUL 29 2009

RECEIVED

JUL 29 2009

BLM VERNAL, UTAH

Memorandum

To: Vernal Field Manager

From: Deputy State Director, Natural Resources

Subject: Pesticide Use Proposal Approvals

Your Pesticide Use Proposal (PUP) LLUTG01000 -17 with eleven herbicide formulations (eight active ingredients: Glyphosate, Dicamba, Triclopyr+Clopyralid, Metsulfuron Methyl, 2,4-D, Imazapyr+Diuron) and two adjuvants (surfactant and dye) is approved with one modification, shown below and on the PUP. The objective of these treatments is for bare ground control to improve worker safety and reduce fire hazards around oil and gas facilities and equipment. This PUP is approved for a period of one year from the date of approval, approximately July 31, 2010.

Modification: Items #10 and #11 Mojave 70EG and Sahara DG: The recommended use rate is ≤ 10 lbs/acre in a $< 15''$ rainfall zone. The proposed intended use rate of 10-12 lbs/acre is slightly higher. UTSO requests that the operator adhere to the recommendation guidelines in the label and limit applications to 10 lbs/ac/yr. If for some unforeseen reason this rate does not provide adequate control, this may be negotiated with the FO weed specialist to a maximum of 12/lbs/ac/yr after the first year, and approved in writing (notated on the original PUP).

Also, for future PUP submissions, it is requested that the Field Office submit the information on a single form rather than duplicate information on multiple forms. Invariably data does not match and it creates extra work to correct both forms. Additionally, herbicide labels should be included in future PUP submissions.

The Green River District is in the process of updating its Weed Management Plan and associated environmental analysis. As part of that process, field office staff is consulting with US Fish and Wildlife Service (USFWS) with regard to Threatened and Endangered Species (TES) and identifying appropriate standard operating procedures and mitigation measures, including treatment buffers, for the use of herbicides in or near potential habitat for TES plant species. This process is expected to be completed in 2010. In the interim, as a result of communication with USFWS, PUP approvals will be for a period of one year and the current conservation measures and prescribed buffers for surface disturbing activities in TES habitat will be utilized.

RECEIVED

FEB 24 2010

DIV. OF OIL, GAS & MINING

Treatments will be made in accordance with the pesticide label, this PUP and Approval Memo, the current Decision Notice and Environmental Documents (UT-08-03-73, Rev. 3/25/85 and applicable Environmental Assessments for related APD's and pipeline development) and the Vegetation Treatments Using Herbicides PEIS 2007 (as directed by IM-2008-030). Treatments are required to be made by or under the direct supervision of a certified licensed applicator.

Prior to treatments, all sites should obtain sensitive species clearances. Continue to work with Vernal Field Office staff and representatives from USFWS to address TES plant concerns and implement appropriate mitigations and conservation measures, including buffers for surface disturbance as provided in informal and formal consultation. Additionally, applicators are strongly encouraged to take extra precautions with respect to drift control: assessing wind conditions, following label directions, and adjusting equipment and droplet size as much as practical to minimize drift potential. EA No. UT-08-73/Rev 03/25/85 specifies that spray application should not be done when wind speeds exceed 6 miles per hour or heavy rainfall or other adverse weather conditions exist, in addition to other applicable mitigation measures.

Please follow the label and MSDS directions for personal protective equipment, which generally includes long sleeved shirt and pants, shoes and socks, chemical resistant gloves, and protective eyewear. BLM handbook 9011 - 1 also strongly recommends the use of coveralls.

It is the responsibility of Forest Oil, its contractors, and the Vernal Field Office to monitor herbicide application to be sure that the approved PUP is followed and that Pesticide Application Records are completed within 24 hours after application of the pesticide and maintained in the office records for 10 years. Please coordinate efforts to ensure this documentation is provided to the FO in a timely manner.

If you have questions, please contact Lisa Bryant at (801) 539-4069 or Verlin Smith at (801) 539-4055.

Verlin Smith

Attachments

PUP No. 09-LLUTG010000-17

Herbicide Labels: Round-up Pro, Rifle, Redeem R&P, Cruise Control, Prescott Herbicide, MSM 60, 2,4-D Low Vol 6, Escort XP, Glyphosate 4 Plus, Mojave, Sahara DG

RECEIVED

FEB 24 2010

DIV. OF OIL, GAS & MINING

U.S. DEPARTMENT OF INTERIOR
PESTICIDE USE PROPOSAL
EA NUMBER: UT-03-73 / REV. 3/25/85

STATE: UT

COUNTY: Uintah

FIELD OFFICE: Vernal

DURATION OF PROPOSAL: ^{One} 3 Years

LOCATION: Various gas and oil well locations, compressor and pumping facilities, pipeline rights-of-way.

Attach map(s) and/or a list of sites * (Sites Listed)

ORIGINATOR - NAME: Clay Grant

ORIGINATOR - COMPANY: Forest Oil Corporation

ORIGINATOR - CONTACT INFORMATION: 916 Upland Way Green River, WY 82935

Include address and phone number (307) 875-1964 off. (307) 875-1967 fax (303) 406-1627 cell

DATE:
PROPOSAL NUMBER:
EA REFERENCE NUMBER:
DECISION RECORD (DR) NUMBER:

I. APPLICATION SITE DESCRIPTION:

1. ESTIMATED NUMBER OF ACRES: 70
2. GENERAL DESCRIPTION (Describe land type or use, size, stage of growth of target species, soil characteristics, and any additional information that may be important in describing the area to be treated.)

Previously leveled areas for the construction of roads, gas and oil well locations, reclaimed pits and pipeline rights-of-way, access roads.

II. DESIRED RESULTS OF APPLICATION: (List the anticipated results of the treatment, species that will be controlled or removed, or enhanced, etc.):

Bare ground and control if noxious species.

III. SENSITIVE ASPECTS AND PRECAUTIONS: (Describe sensitive areas - marsh, endangered, threatened, candidate, and sensitive species habitat - and distance to application site. List measures to be taken to avoid impact to these areas):

Spraying will be halted when winds present a danger of drift and damage to off-target species.

IV. NON-TARGET VEGETATION (Describe potential immediate and cumulative impacts to non-target pests in project area as a result of the pesticide application. Identify any planned mitigation measures that will be employed - BE GENERAL, SPECIFICS DISCUSSED IN THE EA):

None

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V. INTEGRATED PEST MANAGEMENT PRACTICES CONSIDERED IN THE OVERALL PROJECT:

Spraying only

VI. Please submit the product labels (or copies of the product labels) and MSD Sheets along with this PUP.

Use the following tables to indicate which products will be used. The row number should be consistent throughout Tables 1, 2, 3 & 4 (i.e., row 1 in Table 1 should correspond to row 1 in Tables 2, 3 & 4). Add more rows if needed for additional products. Use Table 5 for adjuvants. You may fill this out electronically or print it, fill it out by hand and mail it in—but if your handwriting is illegible, this PUP will be returned without action.

1. PESTICIDES (row numbers in Table 1 should correspond to row numbers in Tables 2, 3 & 4)						
Row No.	TRADE NAME	COMMON NAME	EPA REG. No.	MANUFACTURER	FORMULATION (liquid or granule)	APPLICATION METHOD
1	Round-Up Pro	Glyphosate	524-475	Monsanto	liquid	backpack spray
2	Rifle	Dicamba	34704-861	Loveland Products	Liquid	Handgun, truck, tractor, ATV mounted booms
3	Redeem R&P	Triclopyr plus clopyralid	62719-337	Dow Agrosience	Liquid	Handgun, truck, tractor, ATV mounted booms
4	Cruise Control	Dicamba	42750-40-81927	Alligare	Liquid	Handgun, truck, tractor, ATV mounted booms
5	Prescott Herbicide	Triclopyr plus clopyralid	81927-30	Alligare	Liquid	Handgun, truck, tractor, ATV mounted booms
6	MSM 60	Metsulfuron Methyl	81927-7	Alligare	Granule	Handgun, truck, tractor, ATV mounted booms
7	2,4-D Low Vol 6	2,4-D	34704-125	Loveland Products	Liquid	Handgun, truck, ATV mounted booms
8	Escort XP	Metsulfuron Methyl	352-439	Dupont	Granular	Handgun, truck, tractor, ATV mounted booms
9	Glyphosate 4 plus	Glyphosate	81927-9	Alligare	Liquid	Handgun, truck, tractor, ATV mounted booms
10	Mojave 70 EG	Imazapyr plus Diuron	74477-9-81927	Alligare	Granular	Handgun, truck, tractor, ATV mounted booms
11	Sahara DG	Imazapyr plus Diuron	241-372	BASF	Granular	Handgun, truck, tractor, ATV mounted booms

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2. MAXIMUM APPLICATION RATE ACCORDING TO PRODUCT LABEL
(row numbers correspond to Table 1)

Row No.	TRADE NAME	APPLICATION RATE ON PRODUCT LABEL	POUNDS ACTIVE INGREDIENT PER ACRE	POUNDS ACID EQUIVALENT (AE) PER ACRE (IF GIVEN)
1	Round-Up Pro	10.6 qts / acre / yr	10.6 Lbs / acre / yr	7.95 Lbs / acre / yr
2	Rifle	2 qt / acre/yr	2 lbs / acre / yr	2 lbs / acre / yr
3	Redeem R&P	4 pts / acre / yr	1.125 Lbs ae triclopyr and .375 ae clopyralid / acre / yr	1.125 Lbs triclopyr .375 Lbs clopyralid / acre / yr
4	Cruise Control	2 qt / acre/yr	2 lbs / acre / yr	2 lbs / acre / yr
5	Prescott Herbicide	Up to 4 pts / acre / yr	1.125 Lbs ae triclopyr and .375 ae clopyralid / acre / yr	1.125 Lbs triclopyr .375 Lbs clopyralid / acre / yr
6	MSM 60	2 oz / acre / yr	1.2 oz / acre / yr	N/A
7	2,4-D Low Vol 6	5 1/3 pts / acre	3.73 Lbs ae / acre	3.73 Lbs / acre / yr
8	Escort XP	2 oz / acre / yr	1.2 oz / acre / yr	N/A
9	Glyphosate 4 plus	2 Gals / acre / yr	8 Lbs / acre / yr	6 Lbs / acre / yr
10	Mojave 70 EG	13 Lbs / acre / yr	Imazapyr 1.245 Lbs / acre / yr Diuron 8.09 Lbs / acre / yr	N/A
11	Sahara DG	13 Lbs / acre / yr	Imazapyr 1.245 Lbs / acre / yr Diuron 8.09 Lbs / acre / yr	N/A

2007 VELS
Max Rate
ae/acre/yr
7.0 lbs ae/ae
(9.3 qts produ
2.0 lbs ae
10 lbs T ae
1 lb C ae
2.0 lbs ae
10 lbs T ae
1 lb C ae
.15 lbs ai
1.9 lbs ae
.15 lbs ai
7.0 lbs ae/ae
(9.3 qts produ
1.5 lbs ai
20 lbs ai
1.5 lbs ai
20)

3. INTENDED APPLICATION RATE (rows correspond to Table 1)

Row No.	TRADE NAME	INTENDED APPLICATION RATE	INTENDED POUNDS ACTIVE INGREDIENT PER ACRE	INTENDED POUNDS ACID EQUIVALENT PER ACRE
1	Round-Up Pro	Up to 2 qts / acre / yr	Up to 2 Lbs	Up to 1.5 Lbs
2	Rifle	Up to 2 pts / acre / yr	Up to 1 lb	Up to 1 lb
3	Redeem R&P	Up to 4 pts / acre / yr	Up to 1.125 lb ae triclopyr; .375 lb ae clopyralid	Up to 1.125 lb ae triclopyr; .375 lb ae clopyralid
4	Cruise Control	Up to 2 pts / acre / yr	Up to 1 lb	Up to 1 lb
5	Prescott Herbicide	Up to 4 pts / acre / yr	Up to 1.125 lb ae triclopyr; .375 lb ae clopyralid	Up to 1.125 lb ae triclopyr; .375 lb ae clopyralid
6	MSM 60	Up to 1 oz / acre / yr	Up to .0375 Lbs / acre / yr	N/A
7	2,4-D Low Vol 6	Up to 2 2/3 pts./acre/yr	Up to 1.85 Lbs / acre / yr	Up to 1.85 Lbs
8	Escort XP	Up to 1 oz / acre / yr	Up to .0375 Lbs / acre / yr	N/A
9	Glyphosate 4 plus	Up to 1 Gal / acre / yr	Up to 4 Lbs / acre / yr	Up to 3 Lbs
10	Mojave 70 EG	Up to 12 Lbs / acre / yr	Up to 7.47 Lbs / acre / yr Diuron Imazapyr .93 Lbs / acre / yr	N/A * see mod.
11	Sahara DG	Up to 12 Lbs / acre / yr	Up to 7.47 Lbs / acre / yr Diuron Imazapyr .93 Lbs / acre / yr	N/A * see mod.

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4. PESTICIDE TIMING & TARGET (rows correspond to Table 1)				
Row No.	TRADE NAME	TREATMENT DATE	NUMBER OF TREATMENTS	TARGET WEED
1	Round-Up Pro	15 Apr - 30 Oct	1-2 per year, as needed	All Vegetation
2	Rifle	Various Dates	1 application / yr	Canada Thistle, Musk Thistle, Houndstongue, Black Henbane, Russian and Spotted Knapweed
3	Redeem R&P	Various Dated	1 application / yr	Canada Thistle, Musk Thistle, Houndstongue, Black Henbane, Russian and Spotted Knapweed
4	Cruise Control	Various Dates	1 application / yr	Canada Thistle, Musk Thistle, Houndstongue, Black Henbane, Russian and Spotted Knapweed
5	Prescott Herbicide	Various Dates	1 application / yr	Canada Thistle, Musk Thistle, Houndstongue, Black Henbane, Russian Knapweed, and Spotted Knapweed
6	MSM 60	Various Dates	1 application / yr	Halogeton, Whitetop, Perennial Pepperweed
7	2,4-D Low Vol 6	Various Dates	1 application / yr	Halogeton
8	Escort XP	Various Dates	1 application / yr	Whitetop, Halogeton, Black Henbane, Perennial Pepperweed, Russian Knapweed
9	Glyphosate 4 plus	Various Dates	1 application / yr	All Vegetation
10	Mojave 70 EG	Various Dates	1 application / yr	All vegetation
11	Sahara DG	Various Dates	1 application / yr	All vegetation

5. ADJUVANTS (COLORANTS, DILUENTS, MARKERS, SURFACTANTS, ETC)					
TRADE NAME	TYPE	MANUFACTURER	APPLICATION RATE ON PRODUCT LABEL	INTENDED APP. RATE	FOR USE WITH WHICH HERBICIDES?
Hi-Light	colorant	Becker Underwood	16 oz / 100 Gal solution	16 oz / 100 Gal	Mohave 70 EG, Sahara DG, Glyphosate 4 Plus, Round Up Pro
Activator 90	surfactant	Loveland Products	4 pts / 100 Gal solution	4 pts / 100 Gal	Rifle, Redeem, Cruise Control, Prescott Herbicide, MSM 60, 2,4-D low vol 6, Escort XP

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VII. The following must be filled out legibly and signed by the Applicator and Originator. If in any way illegible, this PUP will be returned to the Originator without action.

"Applicator" refers to the company which will apply the pesticide e.g., Joe's Weed Killer s, LLC "Originator" refers to the company which originates this herbicide use request e.g., Gas R Us, Inc.

Applicator company name: Pride Weed Control, Inc.
Applicator contact name: George Thompson
Applicator contact phone number: 970-247-9778
Applicator address: 8100 Hwy 550 Durango CO 81303

Pesticide applicator signature: *George Thompson*
Pesticide applicator printed name: George Thompson
Pesticide applicator license no.: 4001-14068 Exp. Date: 12/31/2011

I will ensure that the pesticide(s) and pesticide products will be applied in accordance with product label restrictions and according to the information presented above, and according to BLM modifications (if any). I will also ensure that Pesticide Use Application Records and Pesticide Use Reports will be submitted to the BLM Rawlins Field Office monthly for the duration of this PUP.

Originator signature: *[Signature]* Date: 5/6/2009
Printed / typed name: PLY W. GRANT SR. Production Foreman

To be signed and approved by BLM personnel:

FO Pesticide Coordinator signature: *[Signature]* Date: 4 Jun 2009
FO Manager approval: *William Hanger* Date: 6/4/09
State Coordinator signature: *Lisa Bryant* Date: 7/28/09
Deputy State Director approval: *[Signature]* Date: 7/29/09

- APPROVED
- DISAPPROVED
- APPROVED WITH MODIFICATIONS (see below):

Modifications:
Recommended use rates for Mojave 70EB > Sahara DG in <45" prec zone is <10 lbs/acre/yr. Operator should adhere to label recommendations unless they can show inadequate control. In such an instance a rate of up to 12lbs product/acre may be negotiated in writing app FO weed special. attached to this PUP.

Row No.	TRADE NAME	TREATMENT DATE	NUMBER OF TREATMENTS	TARGET WEED
1	Round-Up Pro	15 Apr – 30 Oct	1-2 applications per year, as needed	all vegetation
2	Rifle	various dates	1 application per year	Canada thistle, musk thistle, houndstongue, black henbane, Russian knapweed, spotted knapweed
3	Redeem R&P	various dates	1 application per year	Canada thistle, musk thistle, houndstongue, black henbane, Russian knapweed, spotted knapweed
4	Cruise Control	various dates	1 application per year	Canada thistle, musk thistle, houndstongue, black henbane, Russian knapweed, spotted knapweed
5	Prescott	various dates	1 application per year	Canada thistle, musk thistle, houndstongue, black henbane, Russian knapweed, spotted knapweed
6	MSM 60	various dates	1 application per year	halogeton, whitetop, perennial pepperweed
7	2,4-D Low Vol 6	various dates	1 application per year	halogeton
8	Escort XP	various dates	1 application per year	black henbane, perennial pepperweed, Russian knapweed, whitetop, halogeton
9	Glyphosate 4 Plus	various dates	1 application per year	all vegetation
10	Mojave 70 EG	various dates	1 application per year	all vegetation
11	Sahara DG	various dates	1 application per year	all vegetation

5. ADJUVANTS (COLORANTS, DILUENTS, MARKERS, SURFACTANTS, ETC)					
TRADE NAME	ADJUVANT TYPE	MANUFACTURER	APPLICATION RATE ON PRODUCT LABEL	INTENDED APPLICATION RATE	FOR USE WITH WHICH HERBICIDES?
Hi-Light	colorant	Becker Underwood	16 oz / 100 Gal solution	16 oz / 100 Gal	Mojave 70 EG, Sahara DG, Glyphosate 4 Plus, Round-Up Pro
Activator 90	surfactant	Loveland	4 pts / 100 Gal solution	4 pts / 100 Gal	Rifle, Redeem R&P, Cruise Control, Prescott, MSM 60, 2,4-D Low Vol 6, Escort XP

The following must be filled out legibly and signed. If your handwriting is in any way illegible, this PUP will be returned to the sender without action.

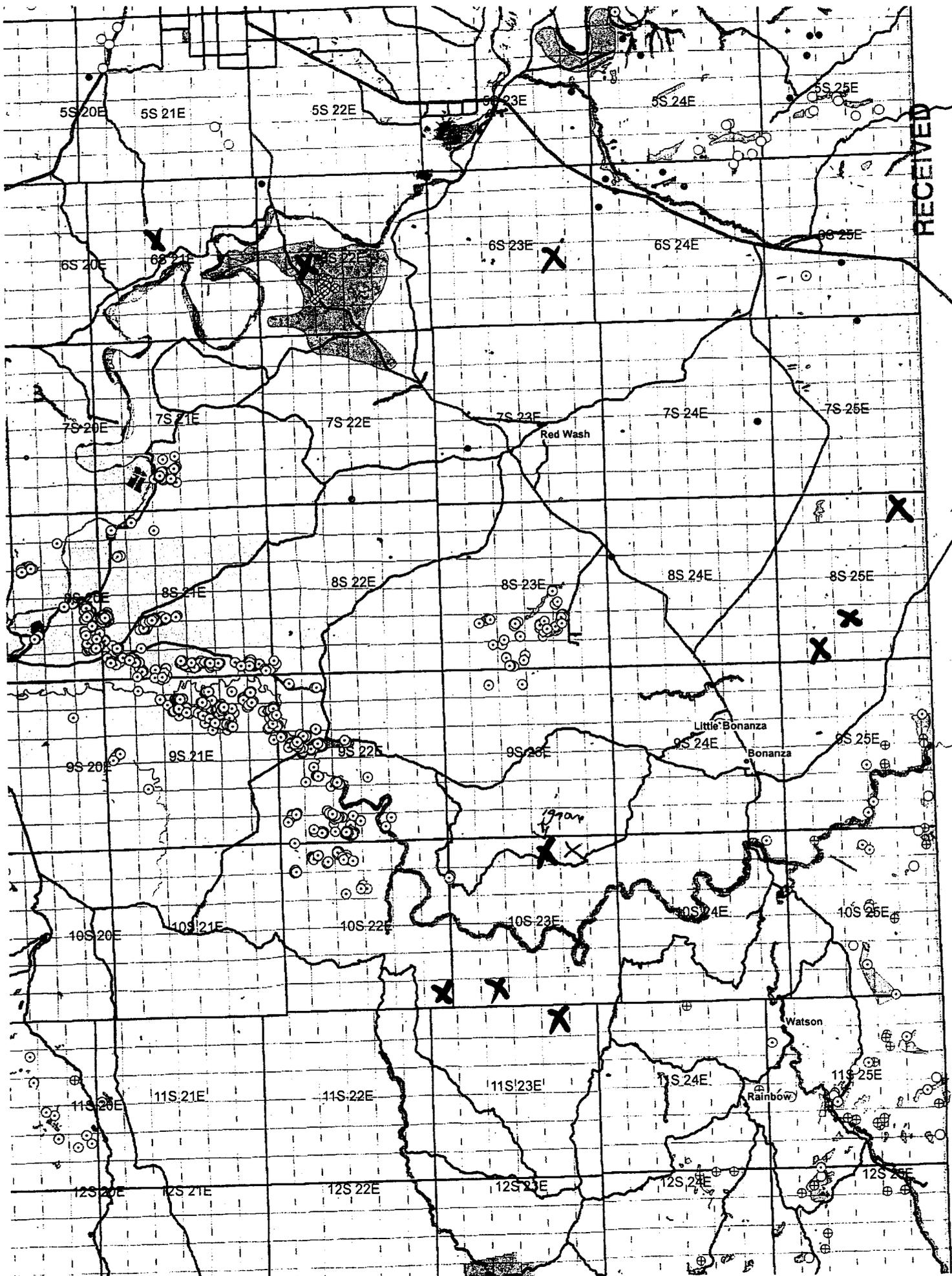
"Originator" refers to the company which needs herbicides applied—e.g., Basin Oil, Inc.
 "Applicator" refers to the company which will apply the herbicide—e.g., Basin Annihilo-Weed, Inc.

Originator company: Forest Oil Corporation
 Originator contact name: Clay Grant
 Originator contact phone number(s): 307-875-1964 cell 303-406-1627 fax 307-875-1967
 Originator mailing address: 916 Upland Way, Green River WY 82935
 Applicator company name: Pride Weed Control, Inc.
 Applicator name: George Thompson
 Applicator license no.: 4001-14068 exp. 12/31/2011
 Applicator phone & fax numbers: phone 970-247-9778
 Applicator mailing address: 8100 Hwy 550, Durango, CO 81303

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DIV. OF OIL, GAS & MINING

L1-105477-6

PESTICIDE (WEED) APPLICATION RECORD FORM
BLM-Vernal, 170 South 500 East Phone (435) 781-4400

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Weed Management Area:

Site Name:

Vegetation/Community Type:

Weed Site #

Quad # DIV OF OIL, GAS & MINING

Complex

% _____

Applicator:

Watershed

Address:

Allotment:

License No.:

Phone # _____

Quad Name(s):

County:

Location T. , R. , Sec. , ¼ ¼

Aerial Photo #

GPS Reading

Slide Photo

WEED SPECIES	P h e n o l o g y	C o v e r C l a s s	P a t t e r n	I n f e s t. S i z e	ECOLOGICAL SITE DESCRIPTION		
					Name:		APPLICATION DATA
					Condition:		Rate/Ac. Volume:
					Soil Map Unit #		Active/Acre:
						Total Volume:	
					WEATHER	Acres treated:	
					Wind speed:	Acres on site:	
					Direction:	MECHANICAL TREATMENT (circle one)	
					Temperature:	Hand pull, hand tool, clip seed heads	
					PEST TREATMENT (circle one)	Plow, other	
					crop, seeded, native, roadside, agriculture, reservoir bank, oil well, other	BIOLOGICAL TREATMENT	
						Bio Agent:	
					WEED TREATMENT DATA	Method applied:	
					Date:	Monitoring	
Recovery Species					Time:	Original treatment	
					EQUIPMENT TYPE (circle one)	Original Acres	
					Power Boom, Power hand	Follow-up	
					Backpack, ATV	Photo point	
					Aerial	Photo #	
					TREATMENT METHOD (circle one)	Veg Study	
					Pesticide, Mechanical, Biological	Frequency, Cover, Step point	
					Trade Name:	Site Recovery Needs	
Width Track:					Active Ingredient:	Grazing deferment yn	
Weed Ac. Est.					Company Name:	Vegetative seed yn	
Ac. Inventoried:					EPA Reg. No.:	Method seed	
Site Characteristics					PUP No.:	Hand broadcast, Spreader ATV, Drill, Disc, Other	
					FORMULATION (circle one)		
Elevation:					Liquid, Powder, Granular	Acres Rehabilitated:	
Aspect (direction):						Species seeded:	
Slope (%):						Date:	
TOPOGRAPHY (circle one)						Species established:	
Ridge, Upper Slope						Date:	
Midslope, Lower slope							
Bench/Flat, Stream Bottom							
Meadow							
Comments							

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PESTICIDE (WEED) APPLICATION RECORD FORM
BLM-Vernal, 170 South 500 East Phone (435) 781-4400

DIV. OF OIL, GAS & MINING

Weed Management Area Clay Basin or Company Name

Site Name Clay Basin #12

Veg (Com.) Type Sagebrush

Weed Site SL045051

Quad # _____

Complex _____

% _____

Applicator John Smith

Watershed: Red Creek

Address _____

Allotment _____

License No. xyz123

Phone # 123.456.7891

Quad Name(s) _____

County: Daggett

Location T. 3N , R. 24E , Sec. 31 , SW ¼ NW ¼

Aerial Photo # _____

GPS Reading _____

Slide Photo _____

Weed Species	Phenology	Cover Class	Pattern	Infest. Size	Eco Site	APPLICATION DATA
					Name	Rate/Ac. Vol: 0.334 gallons/acre
					Condition	Active/Ac.: 1.8 lbs/acre
					Soil Map Unit #	Total Vol.: (1.8 lbs ac X 28.81 acres = 51.85 lbs ac/acre) 51.85 lbs ac/acre
Canada thistle	2	2	2	2	WEATHER	Ac. Treated: 28.81 acres
Musk thistle	3	1	3	1	Wind speed: 4 mph	Acre on site
					Direction: south	MECHANICAL TREATMENT (circle one)
					Temp: 85	Hand pull, hand tool
					PEST TREATMENT (circle one)	Plow, other
					Veg. site treated - crop, seeded, native, roadside, agriculture, reservoir bank, oil well, other	Biological Treatment
						Bio Agent
					WEED TREATMENT DATA	Method applied
					Date 8/15/07	Monitoring
Recovery Species					Time 3:22 p	
					EQUIPMENT TYPE (circle one)	Original Acres
					Power Boom, Power hand	Follow-up
					Backpack, ATV	Photo point
					Aerial	Photo #
					TREATMENT METHOD (circle one)	Veg Study
					Pesticide, Mechanical, Biological	Frequency, Cover, Step point
					Trade Name: 2,4-d 6# Low Vol	Site Recovery Needs
Width Track					Active Ingredient: 2,4-D	Grazing deferment yn
Weed Ac. Est.					Company Name: Platte Chemical Co	Vegetative seed yn
Ac. Inventoried					EPA Reg. No. 34704-125	Method seed
Site Characteristics					PUP No. 07-UT-080-12	Hand broadcast, Spreader ATV, Drill, Disc, Other
					FORMULATION (circle one)	
Elevation					Liquid, Powder, Granular	Acres Rehabed
Aspect (direction)						Species seeded
Slope (%)						Date
Topography						Species established
Ridge, Upper Slope						Date
Midslope, Lower slope						
Bench/Flat, Stream Bottom						
Meadow						
Comments						

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PESTICIDE (WEED) APPLICATION RECORD FORM
BLM-Vernal, 170 South 500 East Phone (435) 781-4400

DIV. OF OIL, GAS & MINING

Weed Management Area Clay Basin or Company Name

Site Name Clay Basin #12

Veg (Com.) Type Sagebrush

Weed Site SL045051

Quad # _____

Complex _____

% _____

Applicator John Smith

Watershed: Red Creek

Address _____

Allotment _____

License No. xyz123

Phone # 123.456.7891

Quad Name(s) _____

County: Daggett

Location T. 3N , R. 24E , Sec. 31 , SW ¼ NW ¼

Aerial Photo # _____

GPS Reading _____

Slide Photo _____

Weed Species	Phenology	Cover Class	Pattern	Infest. Size	Eco Site	APPLICATION DATA
					Name	Rate/Ac. Vol: 0.334 gallons/acre
					Condition	Active/Ac.: 1.8 lbs/acre
					Soil Map Unit #	Total Vol.: (1.8 lbs ac X 28.81 acres = 51.85 lbs ac/acre) 51.85 lbs ac/acre
Canada thistle	2	2	2	2	WEATHER	Ac. Treated: 28.81 acres
Musk thistle	3	1	3	1	Wind speed: 4 mph	Acre on site
					Direction: south	MECHANICAL TREATMENT (circle one)
					Temp: 85	Hand pull, hand tool
					PEST TREATMENT (circle one)	Plow, other
					Veg. site treated - crop, seeded, native, roadside, agriculture, reservoir bank, oil well, other	Biological Treatment
						Bio Agent
					WEED TREATMENT DATA	Method applied
					Date 8/15/07	Monitoring
Recovery Species					Time 3:22 p	
					EQUIPMENT TYPE (circle one)	Original Acres
					Power Boom, Power hand	Follow-up
					Backpack, ATV	Photo point
					Aerial	Photo #
					TREATMENT METHOD (circle one)	Veg Study
					Pesticide, Mechanical, Biological	Frequency, Cover, Step point
					Trade Name: 2,4-d 6# Low Vol	Site Recovery Needs
Width Track					Active Ingredient: 2,4-D	Grazing deferment yn
Weed Ac. Est.					Company Name: Platte Chemical Co	Vegetative seed yn
Ac. Inventoried					EPA Reg. No. 34704-125	Method seed
Site Characteristics					PUP No. 07-UT-080-12	Hand broadcast, Spreader ATV, Drill, Disc, Other
					FORMULATION (circle one)	
Elevation					Liquid, Powder, Granular	Acres Rehabed
Aspect (direction)						Species seeded
Slope (%)						Date
Topography						Species established
Ridge, Upper Slope						Date
Midslope, Lower slope						
Bench/Flat, Stream Bottom						
Meadow						
Comments						

COVER CLASS - estimated percent cover, by species, of the infestation

- 0 No weeds found
- 1 Less than 1% (trace)
- 2 One to five percent (low - occasional plants)
- 3 Six to twenty-five percent (moderate - scattered plants)
- 4 Twenty-five to 100% (high - fairly dense)

PATTERN - pattern of the infestation

- 0 No weeds found
- 1 Single plant or small area of many plants
- 2 Linear
- 3 Patchy
- 4 Block

INFESTATION SIZE - number of estimated acres of the infestation

- 0 No weeds found
- 1 Less than one acre
- 2 One to five acres
- 3 Five or more acres

PHENOLOGY - development stage

- 1 Vegetative
- 2 Bud stage
- 3 Flower
- 4 Seeded
- 5 Mature
- 6 Dormant

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DIV. OF OIL, GAS & MINING

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-47777
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____	8. WELL NAME and NUMBER: North Walker Hollow 2-32-6-23	
2. NAME OF OPERATOR: Forest Oil Corporation	9. API NUMBER: 4304737399	
3. ADDRESS OF OPERATOR: 707 17th Street, Ste 3600 CITY Denver STATE CO ZIP 80202	PHONE NUMBER: (303) 812-1676	10. FIELD AND POOL, OR WILDCAT: Undesignated
4. LOCATION OF WELL FOOTAGES AT SURFACE: 581' FNL & 1945' FEL		COUNTY: Uintah
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 32 6S 23E		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input checked="" type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<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.

7/24/2009 Perforate Tubing above top perforations in casing - 9960-63' (top perf 9970') 2 gal foamer down tubing
7/28/2009 Dropped 10 soap sticks down tubing & foamer still injecting down anullus. Liquid % too high - SI

NAME (PLEASE PRINT) Kelly Harris	TITLE Regulatory Tech
SIGNATURE	DATE 11/9/2008

(This space for State use only)

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NOV 15 2010



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

March 15, 2011

CERTIFIED MAIL NO.: 7005 1820 0001 5562 8125

Bill Kent
Forest Oil Corporation
707 17th Street #3600
Denver, CO 80202

43 047 37399
N Walker Hollow 2-23-6-23
6S 23E 32

Subject: Extended Shut-in and Temporary Abandoned Well Requirements for Fee or State Leases

Dear Mr. Kent:

As of January 2011, Forest Oil Corporation (Forest) has two (2) State Lease Wells (see Attachment A) that are currently in non-compliance with the requirements for extended shut-in or temporarily abandoned (SI/TA) status. One of the above listed wells (Attachment A) has had a 1st Notice (August 14, 2008) and 2nd Notice (January 29, 2009) previously issued. A notice of intent to Plug & Abandon on May 5, 2009, was received by the Division on March 20, 2009. Conditions of Approval to Plug & Abandon were sent to Forest on May 11, 2009. Most recently a sundry to Temporarily Abandon this well was received on January 27, 2009. The Division has not received any further information from Forest on this well. Please submit the necessary data as outlined below to bring wells into compliance.

Wells SI/TA beyond twelve (12) consecutive months requires filing a Sundry Notice (R649-3-36-1). Wells with five (5) years non-activity or non-productivity shall be plugged, unless the Division grants approval for extended shut-in time upon a showing of good cause by the operator (649-3-36-1.3.3). For extended SI/TA consideration the operator shall provide the Utah Division of Oil, Gas & Mining with the following:

1. Reasons for SI/TA of the well (R649-3-36-1.1).
2. The length of time the well is expected to be SI/TA (R649-3-36-1.2), and
3. An explanation and supporting data if necessary, for showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence or absence of Underground Sources of Drinking Water and other factors do not make the well a risk to public health and safety or the environment (R649-3-36-1.3).

Please note that the Divisions preferred method for showing well integrity is by MIT



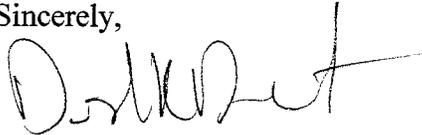
Page 2
Forest Oil Corporation
March 15, 2011

Submitting the information suggested below may help show well integrity and may help qualify your well for extended SI/TA. **Note: As of July 1, 2003, wells in violation of the SI/TA rule R649-3-36 may be subject to full cost bonding (R649-3-1-4.2, 4.3).**

1. Wellbore diagram, and
2. Copy of recent casing pressure test, and
3. Current pressures on the wellbore (tubing pressure, casing pressure, and casing/casing annuli pressure) showing wellbore has integrity, and
4. Fluid level in the wellbore, and
5. An explanation of how the submitted information proves integrity.

If the required information is not received within 30 days of the date of this notice, further actions may be initiated. If you have any questions concerning this matter, please contact me at (801) 538-5281.

Sincerely,



Dustin K. Doucet
Petroleum Engineer

DKD/JP/js
Enclosure
cc: Compliance File
Well File
LaVonne Garrison, SITLA

N:\O&G Reviewed Docs\ChronFile\PetroleumEngineer\SITA

ATTACHMENT A

	Well Name	API	LEASE	Years Inactive
1ST NOTICE				
→ 1	N WALKER HOLLOW 2-32-6-23	43-047-37399	ML-47777	1 Year 4 Months
2ND NOTICE - REISSUED				
2	N HORSESHOE 3-16-6-21	43-047-37391	ML-49317	3 Years 2 Months

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-47777
2. NAME OF OPERATOR: Forest Oil Corporation		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 707 17th St. Ste 3600 CITY Denver STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: 581' FNL & 1945' FEL		8. WELL NAME and NUMBER: North Walker Hollow 2-32-6-23
PHONE NUMBER: (303) 812-1676		9. API NUMBER: 4304737399
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 32 6S 23E		10. FIELD AND POOL, OR WILDCAT: Undesignated
COUNTY: Uintah		STATE: UTAH

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

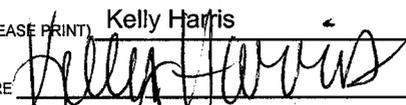
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 4/7/2011	<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 checked="" type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Shut in for 1 Year</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

N Walker Hollow 2-32-6-23

- This well was SI due to uneconomic production following the initial completion
- The well is expected to be SI for the duration of 1-year
- This well has surface casing set at 500' with cmt to surf and intermediate csg set at 4463' also with cmt to surf. The production casing has a DV tool at 6180' and a CBL indicates that the TOC from the DV tool is at 3350' (1113' inside the shoe of the intermediate csg). There are no known sources of drinking water. The closest known water well to our well is a BLM well at 27 feet (Uinta Formation) approximately 2.75 miles SE from our well over in the Red Wash Field. A fluid level was shot on our well on April 7, 2011 and determined to be at 2300'. The pressure on both the tubing and the casing was 1200-psi at the time that the fluid level was shot. Pressure on the intermediate casing was found to be 0-psi. Based on the fluid level and wellhead pressure, the bottom-hole pressure is calculated to be 5360-psi (fluid weight assumed to be 9.0-PPG and gas gradient assumed to be 0.15-psi/ft). This compares reasonably well with an assumed reservoir pressure of 4890-psi at the bottom perforation of 10,454' TVD given that the Mesaverde is a normally pressured reservoir.
- An updated wellbore schematic for this well is attached

COPY SENT TO OPERATOR
Date: AUG 08 2011
Initials: KS

NAME (PLEASE PRINT) Kelly Harris	TITLE Regulatory Tech
SIGNATURE 	DATE 4/13/2011

(This space for State use only) **APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING**

DATE: 8/3/2011
BY: [Signature] (See Instructions on Reverse Side)
* Ext. Valid through 4/7/2012

RECEIVED
APR 19 2011
DIV. OF OIL, GAS & MINING

INSTRUCTIONS

This form shall be submitted by the operator to show the intention and/or completion of the following:

- miscellaneous work projects and actions for which other specific report forms do not exist;
- all other work and events as identified in section 11, Type of Action, or as required by the Utah Oil and Gas Conservation General Rules, including:
 - minor deepening of an existing well bore,
 - plugging back a well,
 - recompleting to a different producing formation within an existing well bore (intent only),
 - reperforating the current producing formation,
 - drilling a sidetrack to repair a well,
 - reporting monthly the status of each drilling well.

This form is not to be used for proposals to

- drill new wells,
- reenter previously plugged and abandoned wells,
- significantly deepen existing wells below their current bottom-hole depth,
- drill horizontal laterals from an existing well bore,
- drill hydrocarbon exploratory holes such as core samples and stratigraphic tests.

Use Form 3, Application for Permit to Drill (APD) for such proposals.

NOTICE OF INTENT - A notice of intention to do work on a well or to change plans previously approved shall be submitted in duplicate and must be received and approved by the division before the work is commenced. The operator is responsible for receipt of the notice by the division in ample time for proper consideration and action. In cases of emergency, the operator may obtain verbal approval to commence work. Within five days after receiving verbal approval, the operator shall submit a Sundry Notice describing the work and acknowledging the verbal approval.

SUBSEQUENT REPORT - A subsequent report shall be submitted to the division within 30 days of the completion of the outlined work. Specific details of the work performed should be provided, including dates, well depths, placement of plugs, etc.

WELL ABANDONMENT - Proposals to abandon a well and subsequent reports of abandonment should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, and method of parting of any casing, liner, or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

In addition to any Sundry Notice forms submitted, **Form 8, Well Completion or Recompletion Report and Log** must be submitted to the division to report the results of the following operations:

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

Send to:

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

Phone: 801-538-5340

Fax: 801-359-3940

North Walker Hollow 2-32-6-23

Uintah County, UT

WDK 04-07-11

Completed 9-07

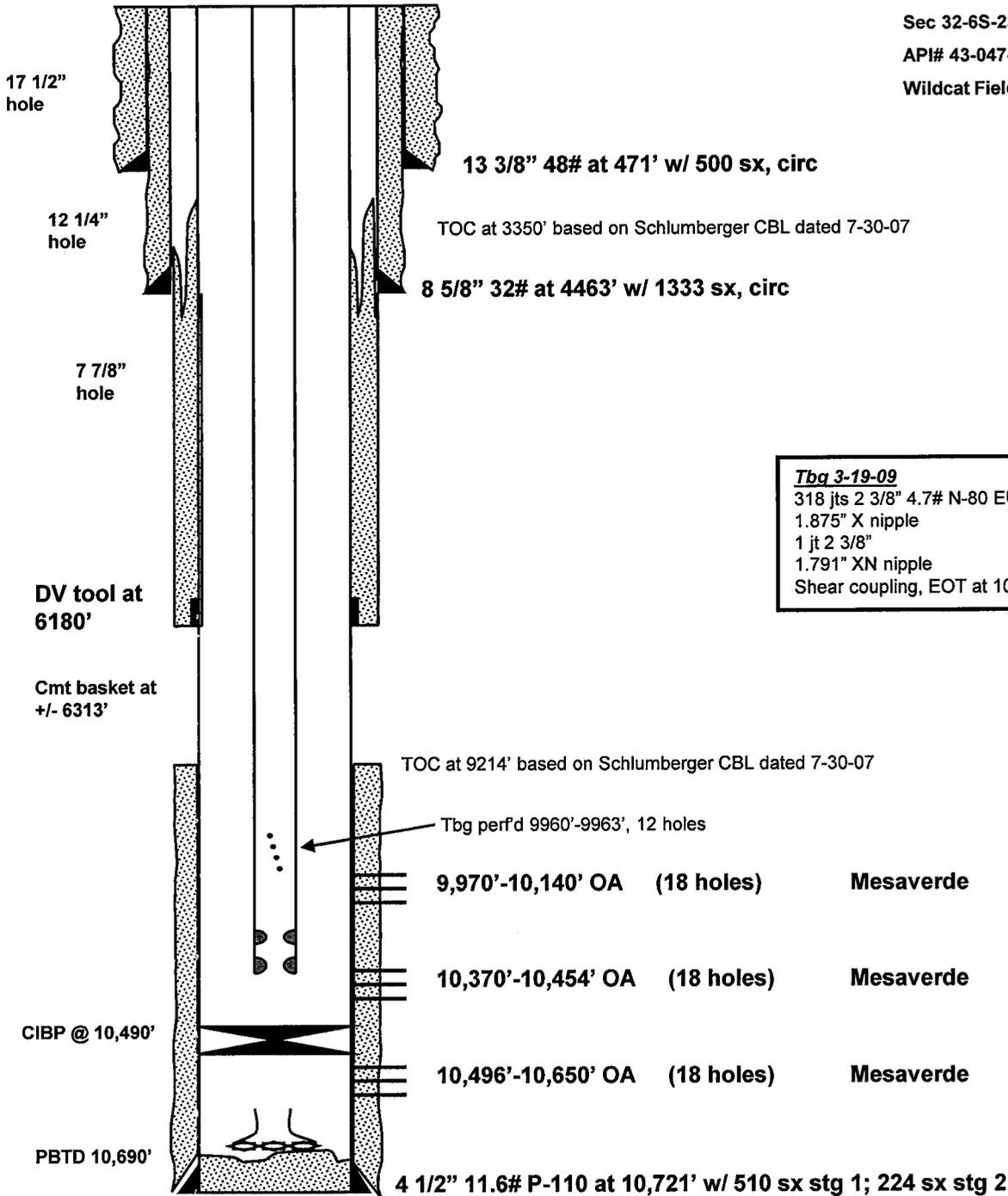
Current Status

KB = 17' AGL

Sec 32-6S-23E

API# 43-047-37399

Wildcat Field



Tbg 3-19-09

318 jts 2 3/8" 4.7# N-80 EUE

1.875" X nipple

1 jt 2 3/8"

1.791" XN nipple

Shear coupling, EOT at 10,394'

TD 10,732'

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:

5/31/2013

FROM: (Old Operator):
 N6965-Forest Oil Corporation
 707 17th Street, Suite 3600
 Denver, CO, 80202
 Phone: 1 (303) 812-1676

TO: (New Operator):
 N2750-Enduring Resources, LLC
 511 16th Street, Suite 700
 Denver, CO, 80202
 Phone: 1 (303) 573-1222

CA No.

Unit:

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
FEDERAL 28-01	28	080S	250E	4304730098	10095	Federal	D	PA
N HORSESHOE 13-20-6-22	20	060S	220E	4304738020	16441	Federal	D	PA
ROCK HOUSE 11-31	31	100S	230E	4304733312	13984	Federal	GW	P
ROCK HOUSE 6D-32	32	100S	230E	4304735409	14293	State	GW	P
ROCK HOUSE 2D-36	36	100S	220E	4304735759	14357	State	GW	P
ROCK HOUSE 2D-32	32	100S	230E	4304735760	14317	State	GW	P
ROCK HOUSE 10D-32	32	100S	230E	4304735761	14318	State	GW	P
ROCK HOUSE 12D-32	32	100S	230E	4304735762	14294	State	GW	P
ROCK HOUSE 11-36	36	100S	220E	4304735900	14478	State	GW	P
ROCK HOUSE 4-36	36	100S	220E	4304735901	14449	State	GW	P
ROCK HOUSE 11-2	02	110S	230E	4304736153	14695	State	GW	P
ROCK HOUSE 7-32-10-23	32	100S	230E	4304736306	14766	State	GW	P
ROCK HOUSE 3-32-10-23	32	100S	230E	4304736307	14781	State	GW	P
ROCK HOUSE 5-32-10-23	32	100S	230E	4304736410	14727	State	GW	P
N WALKER HOLLOW 2-32-6-23	32	060S	230E	4304737399	15741	State	GW	S
N HORSESHOE 3-16-6-21	16	060S	210E	4304737391	15716	State	GW	TA

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: 6/4/2013
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/4/2013
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 6/4/2013
- a. Is the new operator registered in the State of Utah: Y Business Number: 5771233-0161
- a. (R649-9-2) Waste Management Plan has been received on: Y
- b. Inspections of LA PA state/fee well sites complete on: N/A
- c. Reports current for Production/Disposition & Sundries on: 5/29/2013
- 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: N/A
- 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: 6/18/2013
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 6/18/2013
- Bond information entered in RBDMS on: (Blanket Bond already established) 6/24/2013
- Fee/State wells attached to bond in RBDMS on: 6/24/2013
- Injection Projects to new operator in RBDMS on: N/A
- Receipt of Acceptance of Drilling Procedures for APD/New on: N/A

BOND VERIFICATION:

- 1. Federal well(s) covered by Bond Number: UTB000173
- 2. Indian well(s) covered by Bond Number: N/A
- 3a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number RLB0008031
- 3b. The **FORMER** operator has requested a release of liability from their bond on: 6/4/2013

LEASE INTEREST OWNER NOTIFICATION:

- 4. (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:

From Forest Oil Corporation (N6965) to Enduring Resources LLC (N2750)
Effective 31-May-2013

Well Name	Sec	Township	Range	Well API Number	Utah Entity Number	Mineral Lease Type	Well Type	Well Status
FEDERAL 28-01	28	080S	250E	4304730098	10095	Federal	Dry Hole	Plugged & Abandoned
N HORSESHOE 13-20-6-22	20	060S	220E	4304738020	16441	Federal	Dry Hole	Plugged & Abandoned
ROCK HOUSE 11-31	31	100S	230E	4304733312	13984	Federal	Gas Well	Producing Well
ROCK HOUSE 6D-32	32	100S	230E	4304735409	14293	State	Gas Well	Producing Well
ROCK HOUSE 2D-36	36	100S	220E	4304735759	14357	State	Gas Well	Producing Well
ROCK HOUSE 2D-32	32	100S	230E	4304735760	14317	State	Gas Well	Producing Well
ROCK HOUSE 10D-32	32	100S	230E	4304735761	14318	State	Gas Well	Producing Well
ROCK HOUSE 12D-32	32	100S	230E	4304735762	14294	State	Gas Well	Producing Well
ROCK HOUSE 11-36	36	100S	220E	4304735900	14478	State	Gas Well	Producing Well
ROCK HOUSE 4-36	36	100S	220E	4304735901	14449	State	Gas Well	Producing Well
ROCK HOUSE 11-2	02	110S	230E	4304736153	14695	State	Gas Well	Producing Well
ROCK HOUSE 7-32-10-23	32	100S	230E	4304736306	14766	State	Gas Well	Producing Well
ROCK HOUSE 3-32-10-23	32	100S	230E	4304736307	14781	State	Gas Well	Producing Well
ROCK HOUSE 5-32-10-23	32	100S	230E	4304736410	14727	State	Gas Well	Producing Well
N WALKER HOLLOW 2-32-6-23	32	060S	230E	4304737399	15741	State	Gas Well	Shut-In well
N HORSESHOE 3-16-6-21	16	060S	210E	4304737391	15716	State	Gas Well	TA-Temporarily Abandoned

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: SEE ATTACHED LIST
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: Enduring Resources, LLC		8. WELL NAME and NUMBER: SEE ATTACHED LIST
3. ADDRESS OF OPERATOR: 511 16th Street, Suite 700 CITY Denver STATE CO ZIP 80202		9. API NUMBER:
PHONE NUMBER: (303) 573-1222		10. FIELD AND POOL, OR WILDCAT:
4. LOCATION OF WELL FOOTAGES AT SURFACE:		COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>5/31/2013</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

Utah State Bond #RLB0008031 - Operator No. N2750

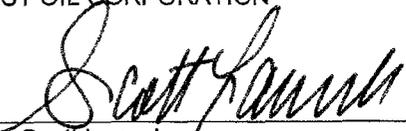
Change of operator from Forest Oil Corporation to Enduring Resources, LLC effective 5/31/2013

Enduring Resources, LLC
51116th Street, Suite 700
Denver, Colorado 80202

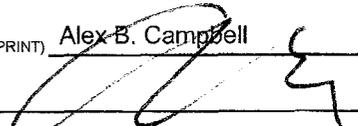
Operator No. N2750
Utah State Bond #RLB0008031

RECEIVED
JUN 04 2013
Div. of Oil, Gas & Mining

FOREST OIL CORPORATION

X 
BY: Scott Laverde
TITLE: Vice President **N6965**

DATE: 5/31/2013

NAME (PLEASE PRINT) Alex B. Campbell TITLE Vice President
SIGNATURE  DATE 5/31/2013

(This space for State use only)

APPROVED * Subject to Conditions of Approval.

(5/2000)

JUN 18 2013

(See Instructions on Reverse Side)

DIV. OIL GAS & MINING

BY: Zeke Clements for Rachel Medina.

* Subject to Conditions of Approval

CONDITIONS OF APPROVAL

CONDITIONS OF APPROVAL

CONDITIONS OF APPROVAL for
Change Of Operator
from Forest Oil Corporation (N6965)
to Enduring Resources, LLC (N2750)
effective 31-May-2013

The Conditions Of Approval are applicable to the following 2 wells:

Well Name and No.	Well API Number	Section	Township	Range	Meridian
N WALKER HOLLOW 2-32-6-23	4304737399	32	6 South	23 East	SLB&M
N HORSESHOE 3-16-6-21	4304737391	16	6 South	21 East	SLB&M

The Conditions Of Approval are:

1. If the wells are not producing commercial quantities within 60 days, then an additional bond will be required from Enduring Resources LLC. This should be ongoing commercial production.
2. If the plan is to plug the well, then approved plugging sundries should be in place and the wells plugged by Enduring Resources LLC no later than September 15, 2013.
3. If Enduring Resources LLC plans to review the wells further, then the following is required by August 15, 2013:
 - a. Additional Bonding, and
 - b. Plan for Wells future, and
 - c. Completed MIT showing integrity

The plan for the wells future should be submitted on a sundry notice, with the MIT and a request for extended SI/TA (Shut-In/Temporarily Abandoned) status. Approval by the Division is required to keep wells in ongoing SI/TA status. These 2 wells have been in SI/TA status over 4 years, so good justification is needed for an extension.

Well Name	API Well Number	Lease Number	Well Status	Field Name	Surface Owners	Mineral Lease	County	Qtr/Qtr	Sec	Twn Rge	FNL/FSL	FEL/FWL
COYOTE BASIN 28-01	43-047-30098	UTU-16257	P & A	WILDCAT	Federal	Federal	UINTAH	SESE	28	8S-25E	851 S	1039 E
N HORSESHOE 13-20-6-22	43-047-38020	UTU-76768	DRY HOLE	WILDCAT	Federal	Federal	UINTAH	SWSW	20	6S-22E	984 S	760 W
ROCK HOUSE 11-31	43-047-33312	UTU-76281	Producing	NATURAL BUTTES	Federal	Federal	UINTAH	NESW	31	10S-23E	1980 S	1980 W
ROCK HOUSE 6D-32	43-047-35409	ML 47063	Producing	NATURAL BUTTES	State	State	UINTAH	SENE	32	10S-23E	1938 N	2121 W
ROCK HOUSE 2D-36	43-047-35759	ML 47061	Producing	NATURAL BUTTES	State	State	UINTAH	NWNE	36	10S-22E	1012 N	1654 E
ROCK HOUSE 2D-32	43-047-35760	ML 47063	Producing	NATURAL BUTTES	State	State	UINTAH	NWNE	32	10S-23E	932 N	2291 E
ROCK HOUSE 10D-32	43-047-35761	ML 47063	Producing	NATURAL BUTTES	State	State	UINTAH	NWSE	32	10S-23E	2367 S	1595 E
ROCK HOUSE 12D-32	43-047-35762	ML 47063	Producing	NATURAL BUTTES	State	State	UINTAH	NWSW	32	10S-23E	1611 S	951 W
ROCK HOUSE 11-36	43-047-35900	ML 46907	Producing	NATURAL BUTTES	State	State	UINTAH	NESW	36	10S-22E	2137 S	1801 W
ROCK HOUSE 4-36	43-047-35901	ML 47061	Producing	NATURAL BUTTES	State	State	UINTAH	NWNW	36	10S-22E	837 N	646 W
ROCK HOUSE 11-2	43-047-36153	ML 47078	Producing	ROCK HOUSE	State	State	UINTAH	NESW	2	11S-23E	2233 S	1863 W
ROCK HOUSE 7-32-10-23	43-047-36306	ML 47063	Producing	NATURAL BUTTES	State	State	UINTAH	SWNE	32	10S-23E	1866 N	2064 E
ROCK HOUSE 3-32-10-23	43-047-36307	ML 47063	Producing	NATURAL BUTTES	State	State	UINTAH	NENW	32	10S-23E	524 N	2151 W
ROCK HOUSE 5-32-10-23	43-047-36410	ML 47063	Producing	NATURAL BUTTES	State	State	UINTAH	SWNW	32	10S-23E	2405 N	852 W
N WALKER HOLLOW 2-32-6-23	43-047-37399	ML 47777	SHUT-IN	UNDESIGNATED	State	State	UINTAH	NWNE	32	6S-23E	581 N	1945 E
N HORSESHOE 3-16-6-21	43-047-37391	ML 49317	T/A	WILDCAT	State	State	UINTAH	NENW	16	6S-21E	825 N	2067 W

RECEIVED
JUN 04 2013
Div. of Oil, Gas & Mining

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS	
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	
1. TYPE OF WELL Gas Well	5. LEASE DESIGNATION AND SERIAL NUMBER: ML-47777
2. NAME OF OPERATOR: Enduring Resources, LLC	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 511-16th Street, Suite 700 , Denver, CO, 80202	7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0581 FNL 1945 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 32 Township: 06.0S Range: 23.0E Meridian: S	8. WELL NAME and NUMBER: N WALKER HOLLOW 2-32-6-23
PHONE NUMBER: 303 350-5114 Ext	9. API NUMBER: 43047373990000
9. FIELD and POOL or WILDCAT: UNDESIGNATED	COUNTY: UINTAH
	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 8/15/2013	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="Well Evaluation"/>

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

Per telephone conversation 8-14-2013, Enduring requests a two week extension in the time to evaluate this shut-in well. Also, see attachment.

Approved by the Utah Division of Oil, Gas and Mining
Date: September 17, 2013
By: Derek Duff

NAME (PLEASE PRINT) Alvin Arlian	PHONE NUMBER 303 350-5114	TITLE Landman-Regulatory
SIGNATURE N/A	DATE 8/15/2013	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43047373990000

Verbal approval given 8/14/2013 - DKD

North Walker Hollow #2-32-6-23

We have performed down hole work on the North Walker Hollow well as detailed below in anticipation of a flow back test. This test has been delayed but will be performed within the two week extension period, if approved. Enduring will submit the flow back results and a well plan before the two-week extension expires. No additional bond will be posted for this well unless the flow test is unsuccessful and the well returns to a long-term shut-in status.

Enduring Resources II, LLC

511 16th St - Suite 700
Denver, CO 80202
(303) 573-1222

Wellwork LOE Daily Report

Date: 7/2/2013

Well Name: N WALKER HOLLOW 2-32-6-23

Daily Detail: MIRU C and S Wireline. RIH w/JDC and didn't latch anything. RIH w/sample bailer to 10428', recover sand and water. Broach tubing with 1.9" broach. No tight spots. RIH set CS/BS @9725. POOH. RD C & S.

Prepare to perform back pressure test on well.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
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2. NAME OF OPERATOR: Enduring Resources, LLC	7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 511-16th Street, Suite 700 , Denver, CO, 80202	8. WELL NAME and NUMBER: N WALKER HOLLOW 2-32-6-23
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0581 FNL 1945 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 32 Township: 06.0S Range: 23.0E Meridian: S	9. API NUMBER: 43047373990000
9. FIELD and POOL or WILDCAT: UNDESIGNATED	COUNTY: UINTAH
9. STATE: UTAH	

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/20/2013	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
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	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="Well Testing"/>

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

August 14-15, 2013 SITP = SICP = 2800 psig Open well to flow test on a 1" choke for 3 hours for deliverability test. Tubing pressured decreased to 100 psig, casing pressure to 1300 psig and well making water and estimated 470 Mcf/d rate. Check pressures next day for buildup overnight and SITP = 1000 psig, SICP = 2000 psig. Open well to tank and tubing pressure reduced to zero. Well shut-in pending log evaluation of the completed zones and behind pipe pay.

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

Date: November 05, 2013

By: *D. K. Duff*

NAME (PLEASE PRINT) Alvin Arlian	PHONE NUMBER 303 350-5114	TITLE Landman-Regulatory
SIGNATURE N/A	DATE 9/20/2013	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43047373990000

A more detailed plan for the future of this well should be submitted to the Division.



GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

September 4, 2014

CERTIFIED MAIL NO.: 7011 2970 0001 8828 1610

43 CA7 37399
N Walker Hollow 2-32-6-23
32 6S 23E

Mr. John Conley
Enduring Resources, LLC
511 16TH Street STE 700
Denver, CO 80202

Subject: Extended Shut-in and Temporary Abandoned Well Requirements for Fee or State Leases

Dear Mr. Conley:

As of April 2014, Enduring Resources, LLC (Enduring) has twenty (20) State Lease Wells and six (6) Fee Lease Wells (see attachment A) that are currently in non-compliance with the requirements for extended shut-in or temporarily abandoned (SI/TA) status. Four (4) wells in 2013 and seven (7) wells in 2014 were added to Enduring's SI/TA list.

Several of these wells (attachment A) have previously been issued notices of non-compliance and have remained in non-compliance. The Division has worked with Enduring to reduce the immense amount of wells that were in non-compliance. In 2010 Enduring provided the Division with a list of wells to be plugged (attachment A), and the Division recognizes that Enduring most recently plugged a number of wells in 2012. However in 2013 only two wells were plugged while four (4) additional wells were added, while nothing has been done in 2014 on any of the wells. Enduring never submitted plugging procedures for the remaining wells listed to be plugged and therefore has not followed through with these plans to bring these wells or any other wells into compliance.

Enduring shall immediately submit plans and timeframes for each well stating which wells will be plugged, placed back on production, or requesting SI/TA extension with proof of wellbore integrity and good cause for such request. All wells need an individual sundry filed and are required to meet the SI/TA rules as listed below.



Wells SI/TA beyond twelve (12) consecutive months requires filing a Sundry Notice (R649-3-36-1). Wells with five (5) years non-activity or non-productivity shall be plugged, unless the Division grants approval for extended shut-in time upon a showing of good cause by the operator (649-3-36-1.3.3). For extended SI/TA consideration the operator shall provide the Utah Division of Oil, Gas & Mining with the following:

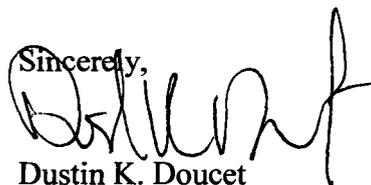
1. Reasons for SI/TA of the well (R649-3-36-1.1)
2. The length of time the well is expected to be SI/TA (R649-3-36-1.2), and
3. An explanation and supporting data if necessary, for showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence or absence of Underground Sources of Drinking Water and other factors do not make the well a risk to public health and safety or the environment (R649-3-36-1.3).

Please note that the Divisions preferred method for showing well integrity is by MIT

Submitting the information suggested below may help show well integrity and may help qualify your well for extended SI/TA. **Note: As of July 1, 2003, wells in violation of the SI/TA rule R649-3-36 may be subject to full cost bonding (R649-3-1-4.2, 4.3).**

1. Wellbore diagram, and
2. Copy of recent casing pressure test, and
3. Current pressures on the wellbore (tubing pressure, casing pressure, and casing/casing annuli pressure) showing wellbore has integrity, and
4. Fluid level in the wellbore, and
5. An explanation of how the submitted information proves integrity.

If the required information is not received within 30 days of the date of this notice, further actions may be initiated. If you have any questions concerning this matter, please contact me at (801) 538-5281.

Sincerely,

Dustin K. Doucet
Petroleum Engineer

DKD/JP/js

cc: Compliance File
Well File

LaVonne Garrison, SITLA

N:\O&G Reviewed Docs\ChronFile\PetroleumEngineer\SITA

ATTACHMENT A

	Well Name	API	LEASE	Years Inactive	Prior Notice	Proposed PA
1	AGENCY DRAW 12-21-31-36	43-047-36424	ML 47086	7 years 10 months	1 ST NOTICE	12/31/2014
2	ASPHALT WASH 11-24-42-16	43-047-36875	ML 47080	7 years 11 months	1 ST NOTICE	12/31/2014
3	ARCHY BENCH 11-24-24-32	43-047-36819	ML 49762	7 years 1 month	1 ST NOTICE	12/31/2012
4	SOUTHAM CYN 10-25-11-6	43-047-36933	FEE	7 years	1 ST NOTICE	12/31/2012
5	N HORSESHOE 3-13-6-21	43-047-37391	ML 49317	5 years 6 months	2 ND NOTICE	Extension valid to 9/1/2014
6	BUCK CAMP 12-22-21-2	43-047-37656	ML 47087	6 years 8 months	1 ST NOTICE	12/31/2014
7	DWR 12-23-13-21	43-047-33344	FEE	6 years		12/31/2014
8	DWR 12-23-31-21	43-047-33484	FEE	5 years 4 months	1 ST NOTICE	12/31/2013
9	ARCHY BENCH 12-23-42-16	43-047-36802	ML 48957	6 years 1 month		12/31/2014
10	ARCHY BENCH 11-24-12-32	43-047-36822	ML 49762	5 years 5 months		12/31/2013
11	ROCK HOUSE 10-22-33-36	43-047-37789	ML 49959	5 years 5 months		12/31/2014
12	HANGING ROCK 11-23-24-36	43-047-38278	ML 50085	5 years 3 months		5/18/2012
13	N WALKER HOLLOW 2-32-6-23	43-047-37399	ML 47777	4 years 7 months	1 ST NOTICE	
14	BUCK CAMP 12-22-31-2	43-047-36273	ML-47087	3 years 6 months		
15	SOUTHAM CYN 9-24-13-36	43-047-38910	FEE	3 years 9 months		
16	DWR 12-23-12-28	43-047-33343	FEE	2 years 6 months		
17	BONANZA 9-24-11-16	43-047-35622	ML-46526	2 years 6 months		
18	ROCK HOUSE 10-22-32-36	43-047-36409	ML-47061	2 years 5 months		
19	BUCK CYN 12-21-43-16	43-047-37091	ML-47085	2 years 6 months		
20	BUCK CAMP 11-22-11-36	43-047-36277	ML-47077	2 years 1 month		
21	HANGING ROCK 11-23-42-36	43-047-38280	ML-50085	2 years 2 months		
22	HANGING ROCK 11-23-43-36	43-047-38282	ML-50085	1 years 5 months		
23	ROCK HOUSE 10-22-21-36	43-047-36407	ML-47061	2 years 2 months		
24	ROCK HOUSE 10-23-21-30	43-047-37832	FEE	2 years 3 months		
25	SOUTHMAN CYN 9-23-21-36	43-047-36530	ML-47782	2 years		
26	SOUTHMAN CYN 9-23-33-36	43-047-35363	ML-47782	1 year 9 months		

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9 5.LEASE DESIGNATION AND SERIAL NUMBER: ML-47777
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1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: N WALKER HOLLOW 2-32-6-23	
2. NAME OF OPERATOR: Enduring Resources, LLC	9. API NUMBER: 43047373990000	
3. ADDRESS OF OPERATOR: 511-16th Street, Suite 700 , Denver, CO, 80202	PHONE NUMBER: 303 350-5114 Ext	9. FIELD and POOL or WILDCAT: UNDESIGNATED
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0581 FNL 1945 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 32 Township: 06.0S Range: 23.0E Meridian: S	COUNTY: UINTAH STATE: UTAH	

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 10/1/2015	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input checked="" type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
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	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

Plug and Abandonment procedure attached.

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

Date: October 21, 2015

By: *David K. Quist*

Please Review Attached Conditions of Approval

NAME (PLEASE PRINT) Travis Whitham	PHONE NUMBER 303 350-5716	TITLE Landman
SIGNATURE N/A	DATE 9/23/2015	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43047373990000

1. Notify the Division at least 24 hours prior to conducting abandonment operations. Please call Dan Jarvis at 801-538-5338. 2. Add Plug # 2. RIH and perforate 4.5" @ 7790'. Establish injection into perfs. RIH with CICR and set at 7740'. Sting into CICR and establish circulation down the 4.5" casing back up the 4.5" x 8 5/8" annulus. M&P 48 sx cement, sting into CICR pump 44 sx, sting out and dump 4 sx on top of CICR. If injection into the 4.5" perfs cannot be established: M&P 12 sx cement and spot from 7840' to 7690'. 3. Amend Plug # 5. Move plug down hole 400' and spot from 3450' to 3319' to isolate the TOC and GRRV formation top. 4. Amend Plug # 6. CICR should be set @ 471' to properly set plug. 44 sx below CICR, 9 sx on top. 5. All balanced plugs shall be tagged to ensure that they are at the depth specified. 6. All annuli shall be cemented from a minimum depth of 100' to the surface. 7. Surface reclamation shall be done in accordance with R649-3-34 – Well Site Restoration. 8. All requirements in the Oil and Gas Conservation General Rule R649-3-24 shall apply. 9. If there are any changes to the procedure or the wellbore configuration, notify Dustin Doucet at 801-538-5281 (office) or 801-733-0983 (home) prior to continuing with the procedure. 10. All other requirements for notice and reporting in the Oil and Gas Conservation General Rules shall apply.

10/1/2015

Wellbore Diagram

r263

API Well No: 43-047-37399-00-00 **Permit No:**
Company Name: ENDURING RESOURCES, LLC
Location: Sec: 32 T: 6S R: 23E Spot: NWNE
Coordinates: X: 640129 Y: 4458372
Field Name: UNDESIGNATED
County Name: Uintah

Well Name/No: N WALKER HOLLOW 2-32-6-23

String Information

String	Bottom (ft sub)	Diameter (inches)	Weight (lb/ft)	Length (ft)	Capacity (F/cf)
HOL1	38	24			
COND	38	20	52.7	38	
HOL2	471	17.5			
SURF	471	13.375	48	471	
HOL3	4463	12.25			
II	4463	8.625	32	4463	2.922
HOL4	10721	7.875			
PROD	10721	4.5	11.6	10721	11.459
TI	9967	2.375			

Cement Information

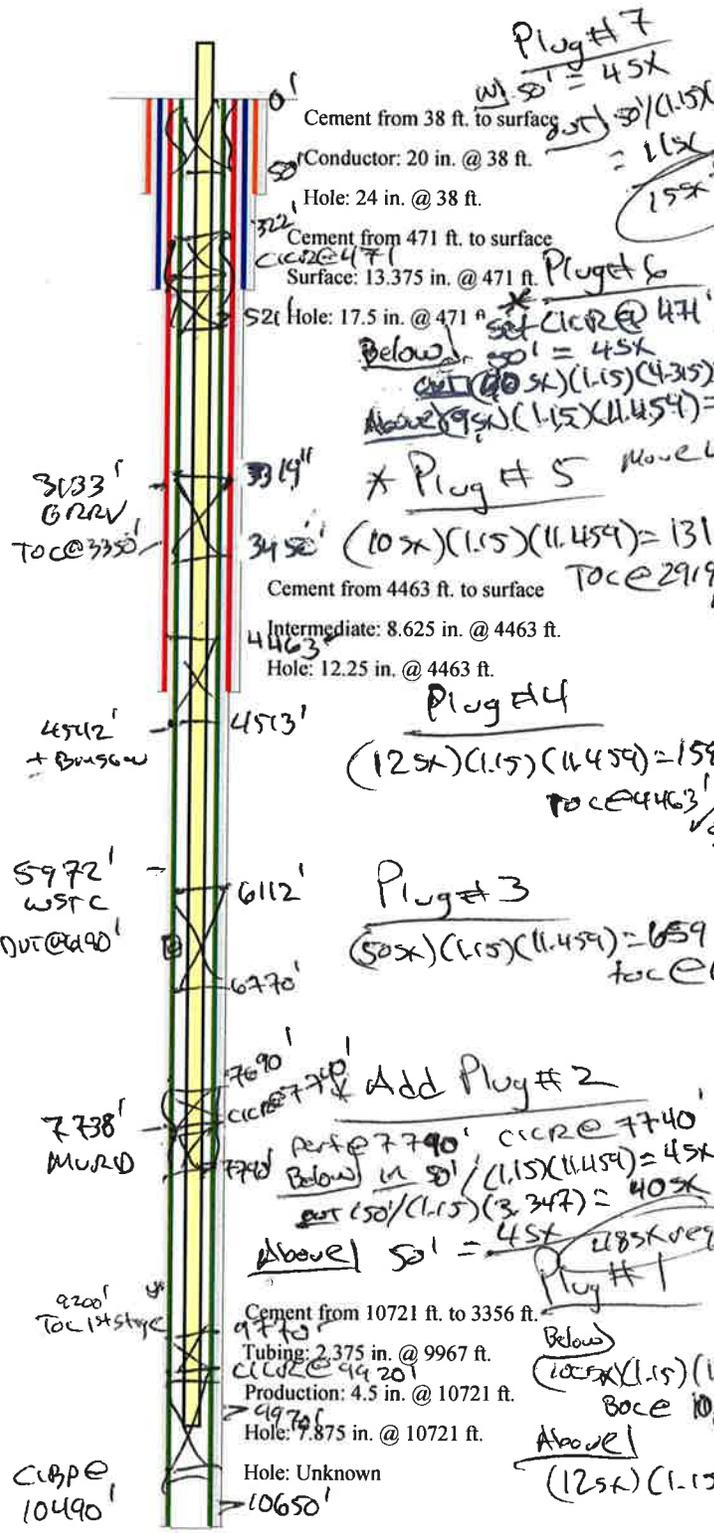
String	BOC (ft sub)	TOC (ft sub)	Class	Sacks
COND	38	0	UK	0
II	4463	0	PM	825
II	4463	0	G	508
PROD	10721	3356	PC	735
SURF	471	0	G	500

Perforation Information

Top (ft sub)	Bottom (ft sub)	Shts/Ft	No Shts	Dt Squeeze
9970	10650			

Formation Information

Formation	Depth
GRRV	3133
BMSW	4542
UTEBT	5851
WSTC	5972
MVRD	7738



TD: 10732 TVD: 10732 PBD: 10690

Recommended Procedure**Plug and Abandonment****Operator:** Enduring Resources**Well name:** North Walker Hollow 2-32-6-23**Legal:** NWNE, 32, T6S, R23E**Location:** Uintah County, Utah**API:** 43-047-37399

Conductor casing:	13-3/8" 48# at 471'	Hole size: 17-1/2"	TOC: Surface
Surface casing:	8-5/8" 32# at 4,463'	Hole size: 12-1/4"	TOC: 12' (CIR)
Production casing:	4-1/2" 11.6# at 10,721'	Hole size: 7 7/8"	TOC: 9,214' (CBL)
DV Tool:	Set at 6,180'		TOC: 3,350' (CBL)
Tubing:	2-3/8" N-80 at 10,394'		
Perforations:	9,970-10,454' (Mesaverde)	10,496-10,650 (CIBP at 10,490)	
PBTD:	10,490'		
TD:	10,732'		

1. Conduct pre-job safety meeting and complete daily JSA
2. Prior to MIRU, check rig anchors and blow down well if necessary
3. Dig out around wellhead and check surface annulus for pressure,
(If present call Carrol Estes #435-828-7009 and Aaron Columbia #970-317-3610 for orders)
4. MIRU P&A equipment, ND wellhead, NU BOP
5. Hot oil tubing for paraffin, TOH and tally tubing standing back 9,920'
6. RU wireline, RIH 4-1/2" 11.6# gauge ring/junk basket to 9,920', POOH
7. RIH 4-1/2" 11.6# CICR, set at 9,920', POOH, RD wireline
8. PU stinger, TIH, tag CICR at 9,920', Sting in, Establish IR into CICR
(If no IR, call Carrol Estes #435-828-7009 and Aaron Columbia #970-317-3610 for orders)
9. Sting out, Pressure test casing to 500psi for 15 minutes
(If test fails call Carrol Estes #435-828-7009 and Aaron Columbia #970-317-3610 for orders)
10. Sting in to CICR
11. Pump 112 sxs cement, class "G" neat, 15.8ppg, 1.15 yield, 100 sxs under and placing 12 sxs on top.
(55 sxs is 730' inside 4-1/2" to cover all perfs & 45 sxs excess)
(12 sxs is 150' inside 4-1/2" above CICR, TOC: 9,770')
12. TOH and LD to 9,290', Roll hole with 144 bbl. water with corrosion inhibitor added
13. TOH and LD to 6,770', Pump 50 sxs cement, class "G" neat, 15.8ppg, 1.15 yield
(50 sxs is 658' inside 4-1/2" casing, TOC: 6,112', 68' above DV tool)
14. TOH to 4,513', Pump 12 sxs cement, class "G" neat, 15.8ppg, 1.15 yield
(12 sxs is 150' inside 4-1/2" casing, TOC: 4,363')
15. TOH to 3,050', Pump 10 sxs cement, class "G" neat, 15.8ppg, 1.15 yield
(10 sxs is 131' inside 4-1/2", TOC: 2,919')
16. TOH, stand back 521' to derrick
17. PU TCP, RIH to 521', shoot squeeze holes, POOH,
18. Establish circulation to surface via perforations at 521'
19. TIH to 521', Open annular casing valve, close production casing valve, establish circulation to surface
20. Pump 40 sxs cement, class "G" neat, 15.8ppg, 1.15 yield, displace
(40 sxs is 198' in 4-1/2" X 8-5/8" annulus, TOC: 322')
21. Close annular casing valve, open production casing valve
22. Pump 13 sxs cement, class "G" neat, 15.8ppg, 1.15 yield
(13 sxs is 163' inside 4-1/2", TOC: 357')
23. TOH to 50', Pump 5 sxs cement, class "G" neat, 15.8 ppg, 1.15 yield to surface
24. TOH, TIH 1" to 50' inside 4-1/2" X 8-5/8" annulus

25. Pump 10 sxs cement, class "G" neat, 15.8ppg, 1.15 yield, to surface
26. TOH, RDMO, Dig up wellhead, cut off, top off if necessary
27. Weld on cap with information plate
28. Backfill, clean up location. P&A complete

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS	
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3. ADDRESS OF OPERATOR: 511-16th Street, Suite 700 , Denver, CO, 80202	7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0581 FNL 1945 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 32 Township: 06.0S Range: 23.0E Meridian: S	8. WELL NAME and NUMBER: N WALKER HOLLOW 2-32-6-23
PHONE NUMBER: 303 350-5114 Ext	9. API NUMBER: 43047373990000
9. FIELD and POOL or WILDCAT: UNDESIGNATED	COUNTY: UINTAH
	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 7/5/2016	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input checked="" type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

P&A procedure attached.

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

Date: July 28, 2016
 By: *Derek Duff*

Please Review Attached Conditions of Approval

NAME (PLEASE PRINT) Travis Whitam	PHONE NUMBER 303 350-5716	TITLE Landman
SIGNATURE N/A	DATE 6/8/2016	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43047373990000

- 1. Notify the Division at least 24 hours prior to conducting abandonment operations. Please call Dan Jarvis at 801-538-5338.**
- 2. Add Plug #2: A 130' plug (± 10 sx) shall be balanced from $\pm 7800'$ to 7670'. This will isolate the Mesaverde top.**
- 3. Amend Plug #3: This plug should be moved downhole and spotted across the DVT from $\pm 6230'$ to 5930' (23 sx).**
- 4. Add Plug #5: A 200' plug (± 15 sx) shall be balanced from $\pm 3400'$ to 3200'. This will isolate the potential hydrocarbon Green River formation zones and cement top from near surface fresh water sources.**
- 5. All balanced plugs shall be tagged to ensure that they are at the depth specified.**
- 6. All annuli shall be cemented from a minimum depth of 100' to the surface.**
- 7. The interval between plugs shall be filled with noncorrosive fluid of adequate density to prevent migration of formation water into or through the well bore (R649-3-24-3.5).**
- 8. Surface reclamation shall be done in accordance with R649-3-34 – Well Site Restoration.**
- 9. All requirements in the Oil and Gas Conservation General Rule R649-3-24 shall apply.**
- 10. If there are any changes to the procedure or the wellbore configuration, notify Dustin Doucet at 801-538-5281 (ofc) or 801-733-0983 (home) prior to continuing with the procedure.**
- 11. All other requirements for notice and reporting in the Oil and Gas Conservation General Rules shall apply.**

7/28/2016

Wellbore Diagram

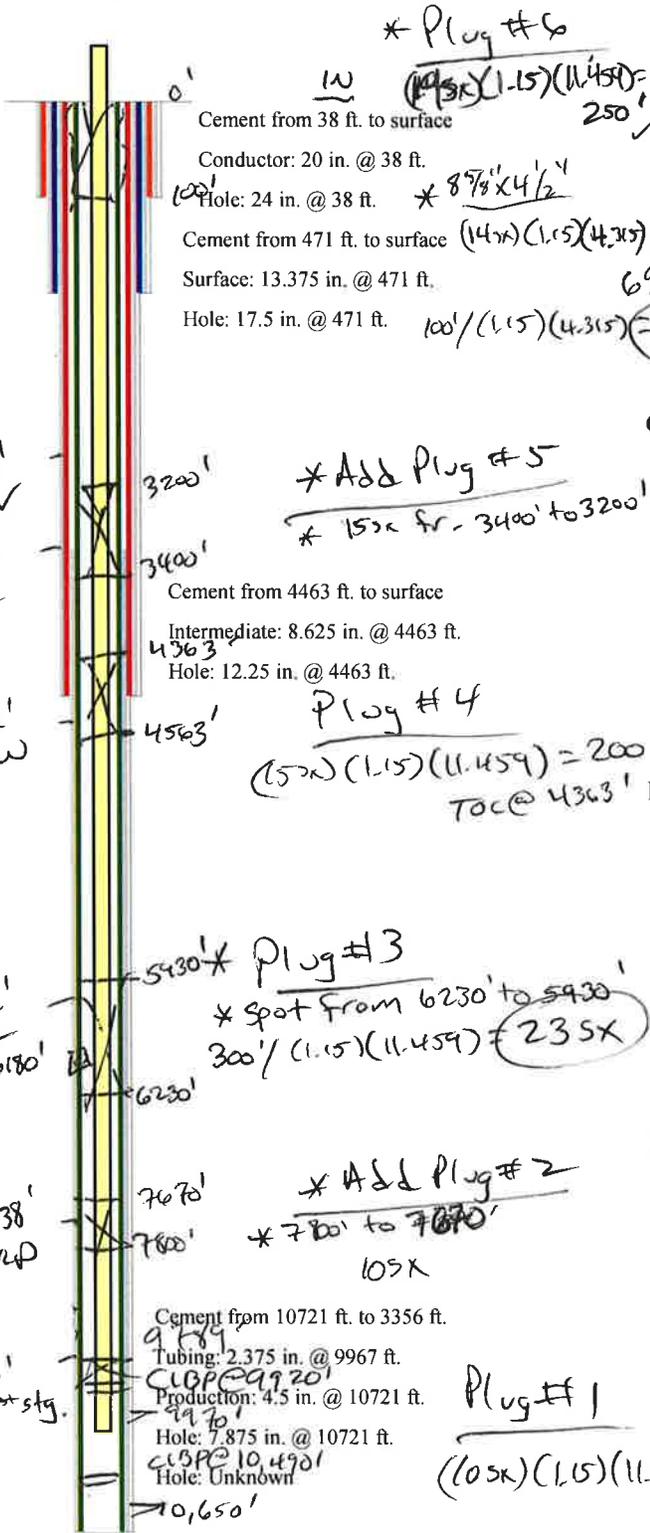
r263

API Well No: 43-047-37399-00-00 **Permit No:**
Company Name: ENDURING RESOURCES, LLC
Location: Sec: 32 T: 6S R: 23E Spot: NWNE
Coordinates: X: 640129 Y: 4458372
Field Name: UNDESIGNATED
County Name: Uintah

Well Name/No: N WALKER HOLLOW 2-32-6-23

String Information

String	Bottom (ft sub)	Diameter (inches)	Weight (lb/ft)	Length (ft)	Capacity (f/cf)
HOL1	38	24			
COND	38	20	52.7	38	
HOL2	471	17.5			
SURF	471	13.375	48	471	
HOL3	4463	12.25			
II	4463	8.625	32	4463	2.922
HOL4	10721	7.875			
PROD	10721	4.5	11.6	10721	11.459
TI	9967	2.375			



Cement Information

String	BOC (ft sub)	TOC (ft sub)	Class	Sacks
COND	38	0	UK	0
II	4463	0	PM	825
II	4463	0	G	508
PROD	10721	3356	PC	735
SURF	471	0	G	500

Perforation Information

Top (ft sub)	Bottom (ft sub)	Shts/Ft	No Shts	Dt Squeeze
9970	10650			

Formation Information

Formation	Depth
GRRV	3133
BMSW	4542
UTEBT	5851
WSTC	5972
MVRD	7738

TD: 10732 TVD: 10732 PBD: 10690



Recommended Procedure

Plug and Abandonment

Operator:	Enduring Resources, LLC		
Well name:	North Walker Hollow #2-32-6-23		
Legal:	NWNE, Section 32, Township 6 South, Range 23 East		
Location:	Uintah County, Utah		
GPS:	40.26409, -109.35204		
API:	43-047-37399		
Conductor:	13-3/8" 48# at 471'	Hole size: 17-1/2"	TOC: Surface
Surface:	8-5/8" 32# at 4,463'	Hole size: 12-1/4"	TOC: Surface
Production:	4-1/2" 11.6# at 10,721'	Hole size: 7-7/8"	TOC: 9,214' (CBL)
DV Tool:	6,180'		TOC: 3,350' (CBL)
Tubing:	2-3/8" 4.7# at 10,394'		
	Note: Tubing is perforated from 9,960' – 9,963'		
Perforations:	9,970' – 10,140'; 10,370' – 10,454'; (Mesa) 10,496' – 10,650' (Mesaverde, Isolated by PBTD)		
PBTD:	10,490' (Existing CIBP)		
TD:	10,732'		

Procedure based off of completion reports and well history, this is NOT a final procedure

1. Conduct pre-job safety meeting and complete daily JSA
2. Prior to MIRU, check rig anchors and blow down well/kill if necessary
3. Dig out around wellhead and check surface annulus for pressure
(If present call Tommy Joyce #817-933-9759 and Craig Owen #970-646-3933 for orders)
4. MIRU P&A equipment, NDWH, NUBOP
5. TOH and tally 9,920' of tubing to derrick (LD perforated joint), LD remaining tubing and BHA
6. PU 4-1/2" 11.6# casing scraper/bumper sub, TIH to 9,920', TOH, LD BHA
7. PU 4-1/2" 11.6#, 10K, CIBP, TIH and set at 9,920' (50' above topmost Mesaverde perms)
8. Pump 10 sxs of 15.8# class G neat 1.15 cu.ft./sack yield cement on top of CIBP
(10 sxs is 131' in 4-1/2", TOC: 9,789')
9. TOH and LD to 9,600', Reverse circulate tubing clean, Pressure test casing to 500 psi for 5 minutes
(If test fails call Tommy Joyce and Craig Owen for orders)

Note: If casing pressure test fails (step 9) additional steps/services required by the Utah DOGM/BLM are not included in this bid and will be billed per our 2016 Time and Material Price Schedule.

10. Circulate 149 bbl. of water treated with corrosion inhibitor
11. TOH and LD to 6,047', (75' below top of Wasatch)
12. Pump 10 sxs of 15.8# class G neat 1.15 cu.ft./sack yield cement to cover top of Wasatch
(10 sxs is 131' in 4-1/2", TOC: 5,916')
13. TOH and LD to 5,750', Reverse circulate tubing clean
14. TOH and LD to 4,563', (100' below surface casing shoe), Establish circulation to surface
15. Pump 15 sxs of 15.8# class G neat 1.15 cu.ft./sack yield cement to cover surface casing shoe
(15 sxs is 197' in 4-1/2", TOC: 4,366')
16. TOH to 4,200', Reverse circulate tubing clean, WOC 4 hours, TIH and tag TOC at 4,413' or higher
17. TOH and LD to 100', Establish circulation to surface
18. Circulate 19 sxs of 15.8# class G neat 1.15 cu.ft./sack yield cement to surface
19. TOH and LD tubing, Dig out and cut off wellhead 6' below restored ground level
20. TIH 100' in 7" x 9-5/8" with 1" tubing, Establish circulation to surface
21. Circulate 14 sxs of 15.8# class G neat 1.15 cu.ft./sack yield cement to surface
22. TOH and LD tubing, RDMO, Top off if necessary
23. Weld on info plate, backfill, clean location, P&A complete

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: ML-47777
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Gas Well		7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: Enduring Resources, LLC		8. WELL NAME and NUMBER: N WALKER HOLLOW 2-32-6-23
3. ADDRESS OF OPERATOR: 511-16th Street, Suite 700 , Denver, CO, 80202		9. API NUMBER: 43047373990000
PHONE NUMBER: 303 350-5114 Ext		9. FIELD and POOL or WILDCAT: UNDESIGNATED
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		STATE: UTAH

11.

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 8/23/2016	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Plugging report attached. Well waiting on reclamation and re-seeding planned this fall.

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
September 01, 2016**

NAME (PLEASE PRINT) Travis Whitam	PHONE NUMBER 303 350-5716	TITLE Landman
SIGNATURE N/A	DATE 8/24/2016	

Enduring Resources

Chronological Plugging Report

N. Walker Hollow 2-32-6-23

8/18/16

Notified Richard Powell with intent to plug well 8-18-16.

Moved in Rig and Equipment Rigged up Rig And pump lines. SITP. 100, SICP. 2000. SDFD

24 Hr forecast

Bleed well down over weekend

Prep to cement on

8-22-16

8/22/16

Lelan opened well On 8-21-16 SITP 100, SICP 2000'. He said well was dead in 1 Hr.SWI

SITP. 750, SICP. 1400. Opened well 6am Bled well down 1 Hr. Slight blow, ND well head, NU BOPES, RU floor tongs etc. Unland TBG, POOH with 39 stds well blew in, bled well down pumped 40 bbls Brine finish pooh W/ total 318 Jts X-nipple 1 JT xn- nipple POBS remains. Pumped 40 bbls brine. RU wireline, Ran Gauge ring to 10,000', & set CIBP @ 9915' RD WL. RIH w/ nc and 2 3/8 to 9915' tagged CIBP. Circ hole clean with fresh water. Test CSG to 750 psi for 10 min good. SDFD

8/23/16

Spot plug cap on CIBP @ 9915'. TOO H to 7810', spot balanced plug across Mesaverde top. LD to 6237', spot plug across Wasatch top. LD to 4554', spot plug across casing shoe. LD to 3418', spot plug across saline zone. TOO H to 130', spot plug back to surface. Cutoff wellhead and top out CSG stgs. Weld on deadman plate. WO reclamation.