

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-47954-A	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: Squaw Ridge 14-16-7-25	
3. ADDRESS OF OPERATOR: 1100 Louisiana, Suite 200 CITY Houston STATE TX ZIP 77002			PHONE NUMBER: (713) 830-6800	10. FIELD AND POOL, OR WILDCAT: Undesignated <i>Widout</i>
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 683' FSL & 2,159' FWL AT PROPOSED PRODUCING ZONE: Same as above			11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESW 16 7S 25E	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 33.6 miles south of Vernal, UT			12. COUNTY: Uintah	13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 683'	16. NUMBER OF ACRES IN LEASE: 960	17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 40		
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) NA	19. PROPOSED DEPTH: 7,200	20. BOND DESCRIPTION: 104155044		
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 5,911' GR	22. APPROXIMATE DATE WORK WILL START: 3/1/2007	23. ESTIMATED DURATION: 30 Days		

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT			SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT		
17 1/2	14	A252	36.75	40	Class G	20 sks	1.18cf 15.6ppg
11	8 5/8	K-55	28	900	Premium 5	77 sks	3.82cf 11ppg
				2,000	Class G	282sks	1.18cf 15.6ppg
7 7/8	4 1/2	N-80	11.6#	3,800	Premium 5	286sks	3.82cf 11ppg
				7,200	Class G	820sks	1.18cf 15.6ppg

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 8/1/2006

(This space for State use only)

Approved by the
Utah Division of
Oil, Gas and Mining

RECEIVED

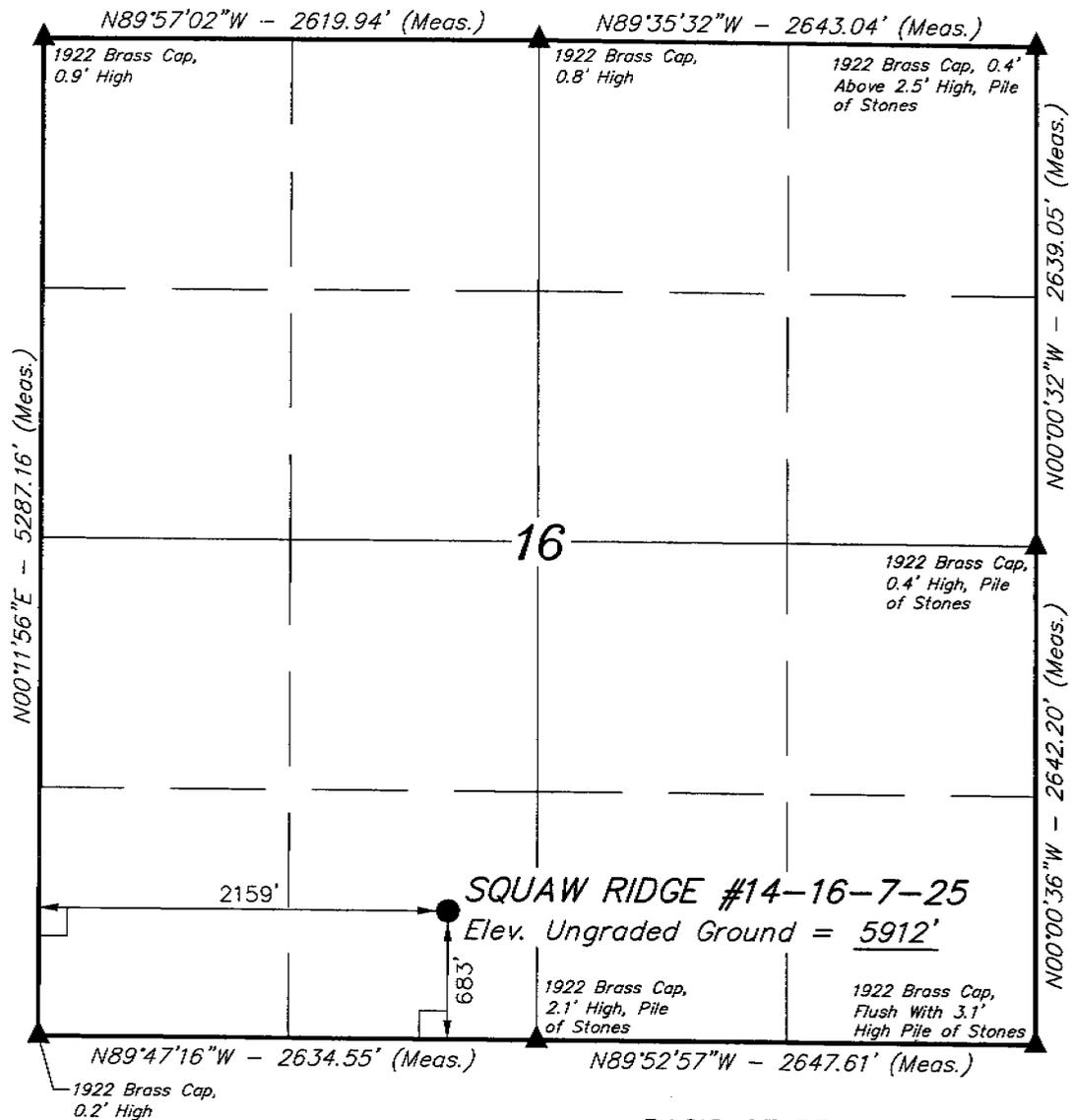
AUG 09 2006

DIV. OF OIL, GAS & MINING

API NUMBER ASSIGNED: 43-047-38461

Date: 11-22-06
By: *[Signature]*
(See Instruction on Reverse Side)

T7S, R25E, S.L.B.&M.



LEGEND:

- = 90° SYMBOL
- = PROPOSED WELL HEAD.
- = SECTION CORNERS LOCATED.

(AUTONOMOUS NAD 83)
 LATITUDE = 40°12'14.76" (40.204100)
 LONGITUDE = 109°06'27.02" (109.107506)
 (AUTONOMOUS NAD 27)
 LATITUDE = 40°12'14.88" (40.204133)
 LONGITUDE = 109°06'24.59" (109.106831)

BASIS OF BEARINGS

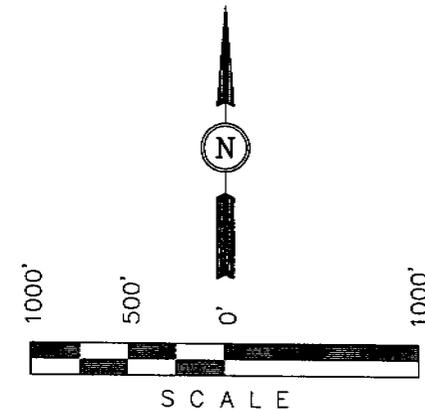
BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

THE HOUSTON EXPLORATION COMPANY

Well location, SQUAW RIDGE #14-16-7-25,
 located as shown in the SE 1/4 SW 1/4 of
 Section 16, T7S, R25E, S.L.B.&M. Uintah County,
 Utah.

BASIS OF ELEVATION

SPOT ELEVATION LOCATED AT A TRAIL INTERSECTION IN THE
 SOUTHWEST CORNER OF SECTION 4, T9S, R25E, S.L.B.&M.
 TAKEN FROM THE WALSH KNOLLS QUADRANGLE,
 UTAH-COLORADO, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP)
 PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE
 INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED
 AS BEING 5607 FEET.



CERTIFICATE OF LAND SURVEYING
 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. 17623
 STATE OF UTAH

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

SCALE 1" = 1000'	DATE SURVEYED: 12-05-05	DATE DRAWN: 12-29-05
PARTY J.F. C.B. P.M.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE THE HOUSTON EXPLORATION COMPANY	

Ten Point Plan

The Houston Exploration Company

Squaw Ridge 14-16-7-25

Surface Location SE $\frac{1}{4}$ SW $\frac{1}{4}$,

Section 16, T. 7S., R. 25E.

1. **Surface Formation**
Uintah

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

Formation	Depth	Datum
Uintah	Surface	5,911' G.R.
Green River	1,100'	4,811'
Birds Nest Water	1,300'	4,611'
Wasatch Oil/Gas	4,000'	1,911'
Measaverda Oil/Gas	6,000'	-89'
TD	7,200'	-1,289'

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. 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, Measaverda and their sub-members.

4. **Proposed Casing:**

Hole Size	Casing Size	Weight/FT	Grade	Coupling & Tread	Casing Depth	New/Used
17 1/2	14	36.75#	A-252		40'	NEW
11	8 5/8	28#	K-55	ST&C	2,000'	NEW
7 7/8	4 1/2	11.6#	N-80	LT&C	7,200'	NEW

Cement Program:

Conductor casing #1 will be cemented as follows from 0'-40':

Note: Cement Volume = Gauge hole + 50%

Casing Size	Cement Type	Cement Amounts	Cement Yield	Water Mix	Cement Weight
Lead: 14	Class "G" 6 bag mix ready mix	20 sks +/-	1.18ft ³ /sk	5	15.6 ppd

The Surface Casing will be cemented as follows from 0'- 2,000':

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 floccle	77 sks. +/-	3.82ft ³ /sk	23	11.0 ppg
Tail:	8 5/8"	Class "G" 2% Calcium Chloride 0.25#/sk Flocele	282 sks. +/-	1.18ft ³ /sk	5	15.6 ppg
Top Job:		Class "G" 4% Calcium Chloride 0.25#/sk Flocele 3#/sk GB3	10-200 sks. +/-	1.15ft ³ /sk	5	15.8 ppg

Production casing will be cemented as follows from 0'- 7,200':

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	286 sks. +/-	3.82ft ³ /sk	23	11.0 ppg
Tail:	4 1/2"	Class "G" 2% Calcium Chloride 0.25#/sk Flocele	820 sks. +/-	1.18ft ³ /sk	5.2	15.6 ppg
Top Job:		Class "G" 4% Calcium Chloride 0.25#/sk Flocele 3#/sk GB3	10-200 sks. +/-	1.15ft ³ /sk	5.2	15.8 ppg

5. BOP and Pressure Containment Data:

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. 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>
0-2,000	Air/Clear Water	-----	No Control	Water/Gel
2,000-T.D.	8.4-12.0	30-45	8-10	LSND <i>low solid non-dispersing</i> 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 2,000' 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 3000 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

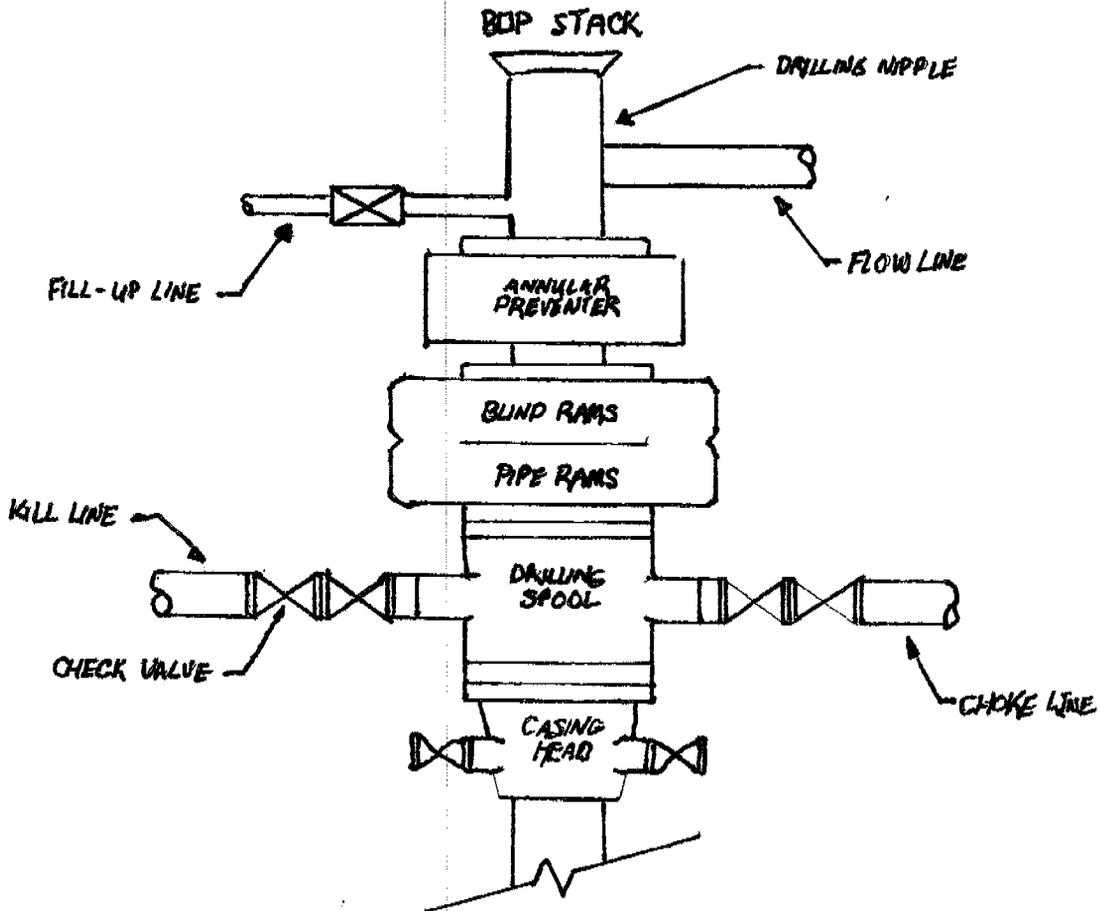
None

10. Drilling Schedule:

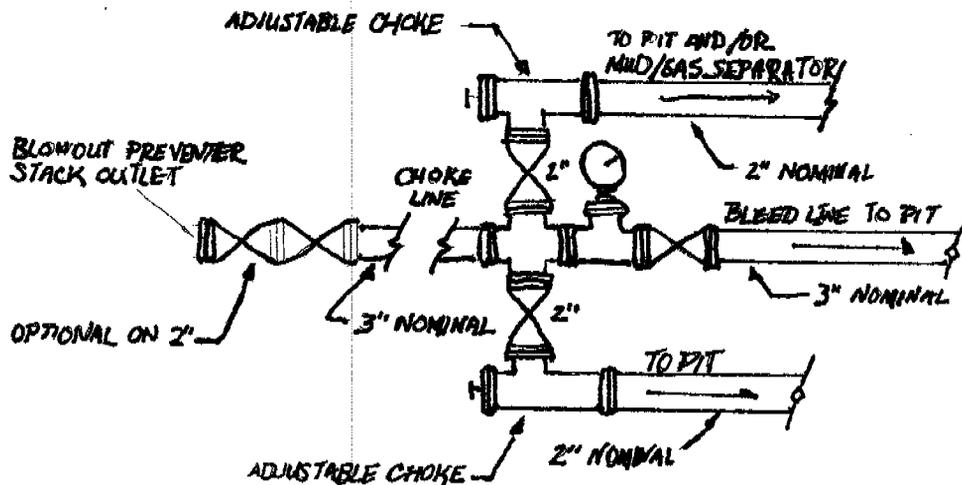
The anticipated starting date is 3/01/2007. Duration of operations is expected to be 30 days.

THE HOUSTON EXPLORATION COMPANY

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



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



THE HOUSTON EXPLORATION COMPANY

13 POINT SURFACE USE PLAN

FOR WELL

SQUAW RIDGE 14-16-7-25

LOCATED IN SE $\frac{1}{4}$ SW $\frac{1}{4}$

SECTION 16, T.7S, R25E, S.L.B.&M.

UINTAH COUNTY, UTAH

LEASE NUMBER: ML-47954-A

SURFACE OWNERSHIP: STATE

1. Existing Roads:

**The Houston Exploration Company
Squaw Ridge 14-16-7-25
Section 16, T7S, R 25E**

Starting in Vernal, Utah: proceed in an easterly, then southerly, then southeasterly direction from Vernal, Utah along U.S. Highway 40 approximately 24.3 miles to the junction of Highway 45 to the south; turn right and proceed in a southerly direction approximately 2.5 miles to the junction of this road and an existing road to the south; turn left and proceed in a southerly, then southeasterly direction approximately 5.3 miles to the junction of this road and an existing road to the northeast; turn left and proceed in a northeasterly direction approximately 0.6 miles to the junction of this road and an existing two-track to the northeast; turn left and proceed in a northeasterly direction approximately 0.8 miles to the beginning of the proposed access to the southwest; follow road flags in a southwesterly direction approximately 0.1 miles to the proposed location.

Total distance from Vernal, Utah to the proposed well location is approximately 33.6 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 528' of new construction on lease. Approximately 2025' of on lease upgrade will be necessary to access the subject well. Uintah County has filed a Title V for the upgrade of the two-track off lease. The road will be graded once per year minimum and maintained.

A) Approximate length	528 ft
B) Right of Way width	30 ft
C) Running surface	18 ft
D) Surface material	Native soil
E) Maximum grade	8%
F) Fence crossing	None
G) Culvert	1
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
N) Staging Areas	None

Please see the attached location plat for additional details.

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

All new surface disturbances for the access 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 | None |
| D) Temp. abandoned well | None |
| E) Disposal well | None |
| F) Drilling /Permitted well | |
| Squaw Ridge 12-16-7-25 | |
| Squaw Ridge 2-16-7-25 | |
| Squaw Ridge 8-16-7-25 | |
| Squaw Ridge 16-16-7-25 | |
| 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 **Olive Black** color. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded. The required paint color is **Olive Black**.

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.

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 24,000' +/- of 3" steel surface gas gathering line would be constructed on State, Federal and Fee Lands. The line will tie into the proposed pipeline in Section 25, T7S, R25E. The pipeline would be strung and boomed to the southeast of the location and parallel to existing roads. 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 16,800' on BLM lands and approximately 1,820' on Fee lands. A surface agreement will be on file with for the portions of the pipeline that cross Fee lands.

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-improving schedules. A copy of the meter calibration report will be submitted to the 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 and drilling will come from the Green River at the Jensen bridge: Permit # T76203.

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 17.0 ft.
- G) Max fill 10.2 ft.
- H) Total cut yds. 11,210 cu yds
- I) Pit location North end
- J) Top soil location North end
- K) Access road location East 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 1,740 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 & Fee	
Fee Owner is Lynn Siddoway	
319 N 850 W	
Vernal, UT 84078	
435-789-2730	

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.

D) Water:

The nearest water is the Powder Spring Wash located 500' to the South.

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 been off production for more than 90 days.

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.

Onsite Dates:

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 8/1/06



William A. Ryan, Agent
Rocky Mountain Consulting

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

SQUAW RIDGE #14-16-7-25

LOCATED IN UINTAH COUNTY, UTAH
SECTION 16, T7S, R25E, S.L.B.&M.

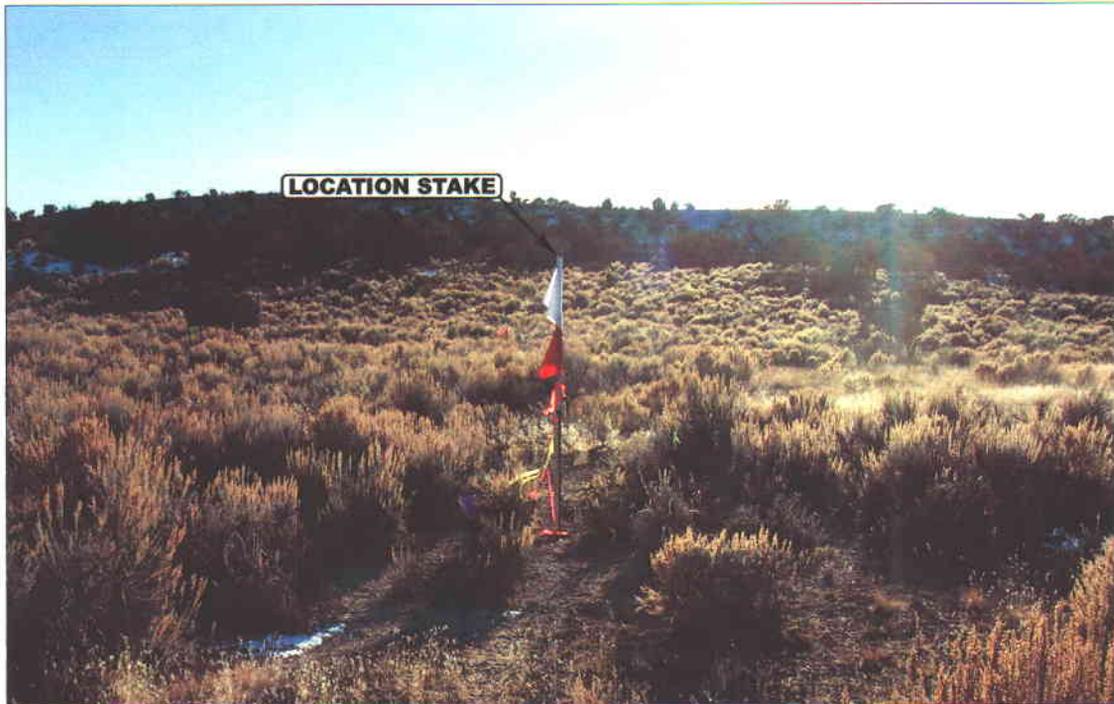


PHOTO: VIEW OF LOCATION STAKE

CAMERA ANGLE: SOUTHWESTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: SOUTHWESTERLY



- Since 1964 -

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

LOCATION PHOTOS

12 16 05
MONTH DAY YEAR

PHOTO

TAKEN BY: J.F.

DRAWN BY: L.K.

REVISED: 00-00-00

THE HOUSTON EXPLORATION COMPANY

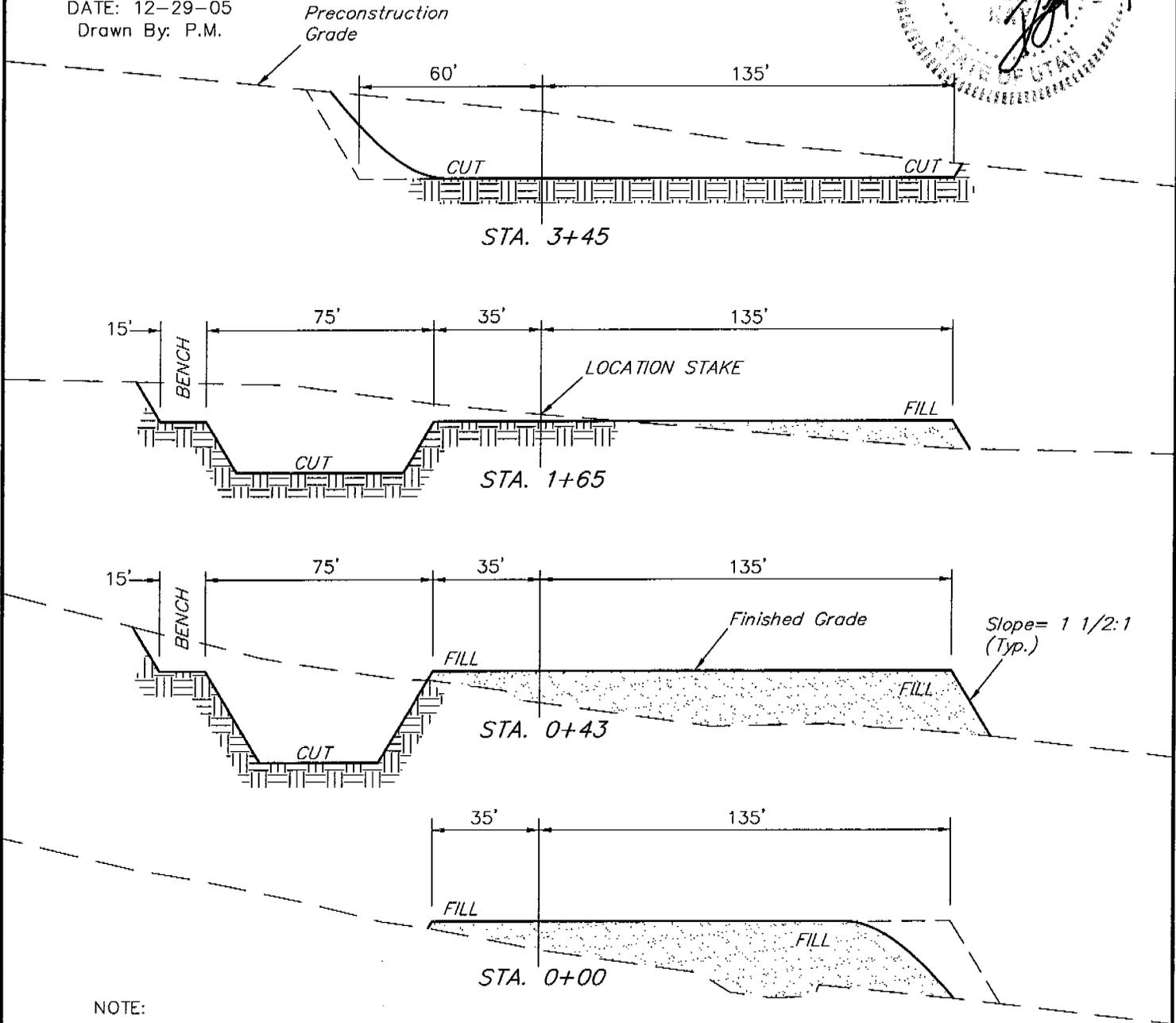
FIGURE #2

TYPICAL CROSS SECTIONS FOR
 SQUAW RIDGE #14-16-7-25
 SECTION 16, T7S, R25E, S.L.B.&M.
 683' FSL 2159' FWL



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

DATE: 12-29-05
 Drawn By: P.M.



NOTE:

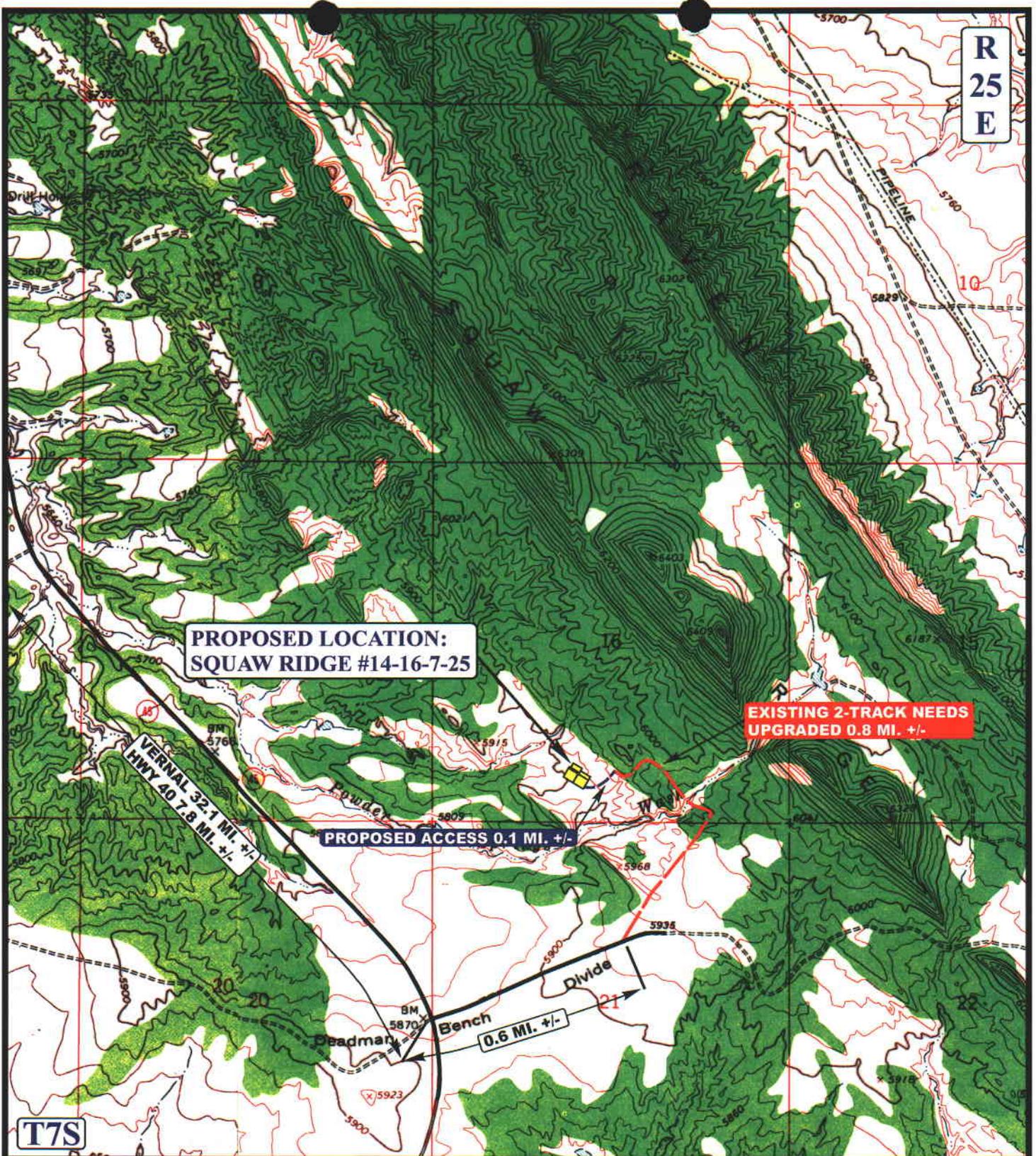
Topsoil should not be Stripped Below Finished Grade on Substructure Area.

* NOTE:
 FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

CUT	
(6") Topsoil Stripping	= 1,740 Cu. Yds.
Remaining Location	= 9,470 Cu. Yds.
TOTAL CUT	= 11,210 CU.YDS.
FILL	= 5,910 CU.YDS.

EXCESS MATERIAL	= 5,300 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 3,440 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 1,860 Cu. Yds.



LEGEND:

- EXISTING ROAD
- PROPOSED ACCESS ROAD
- EXISTING 2-TRACK NEEDS UPGRADED

THE HOUSTON EXPLORATION COMPANY

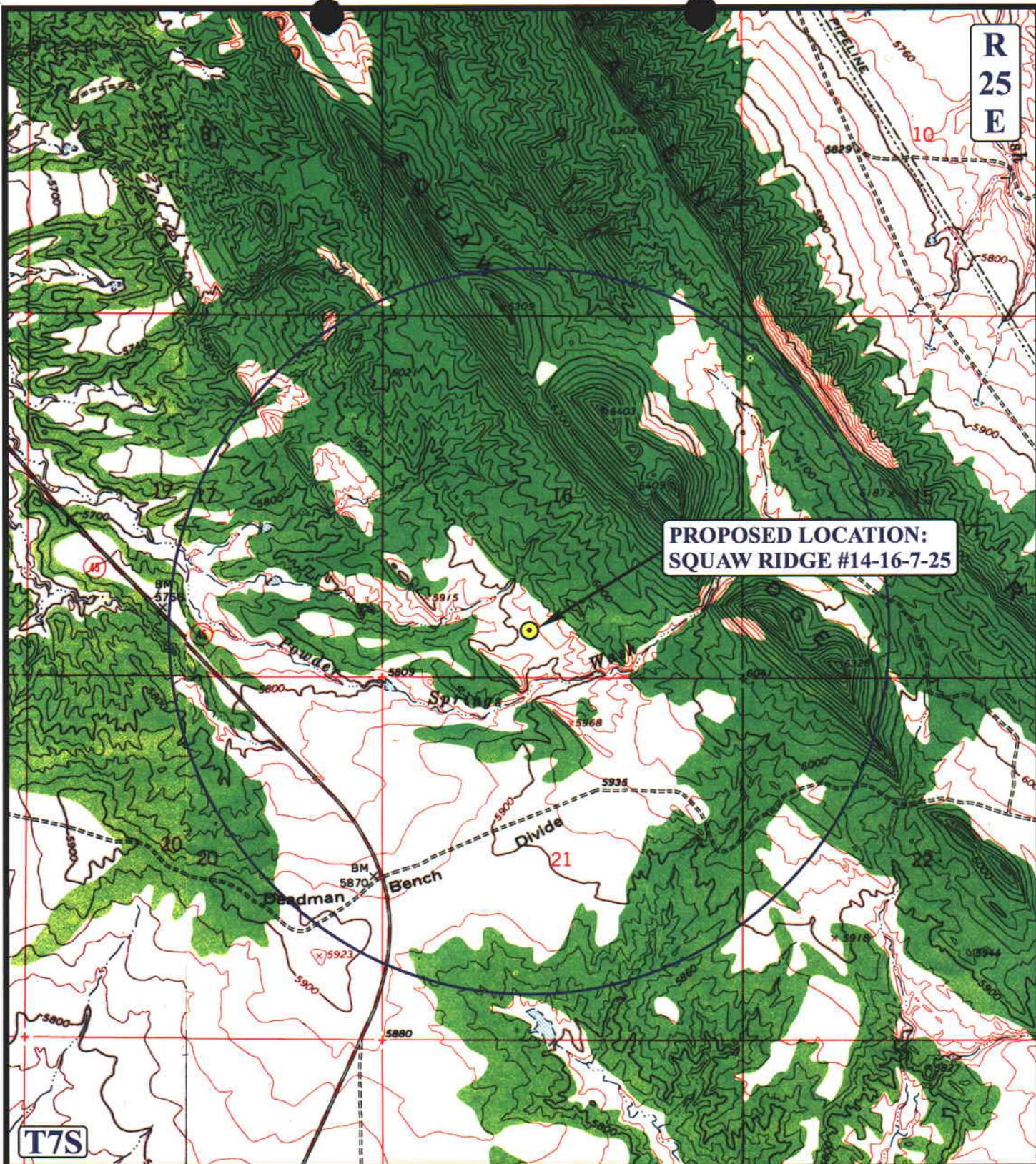
SQUAW RIDGE #14-16-7-25
SECTION 16, T7S, R25E, S.L.B.&M.
683' FSL 2159' FWL



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

TOPOGRAPHIC 12 16 05
MAP MONTH DAY YEAR
 SCALE: 1" = 2000' DRAWN BY: L.K. REVISED: 00-00-00





**PROPOSED LOCATION:
SQUAW RIDGE #14-16-7-25**

LEGEND:

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

THE HOUSTON EXPLORATION COMPANY

SQUAW RIDGE #14-16-7-25
SECTION 16, T7S, R25E, S.L.B.&M.
683' FSL 2159' FWL



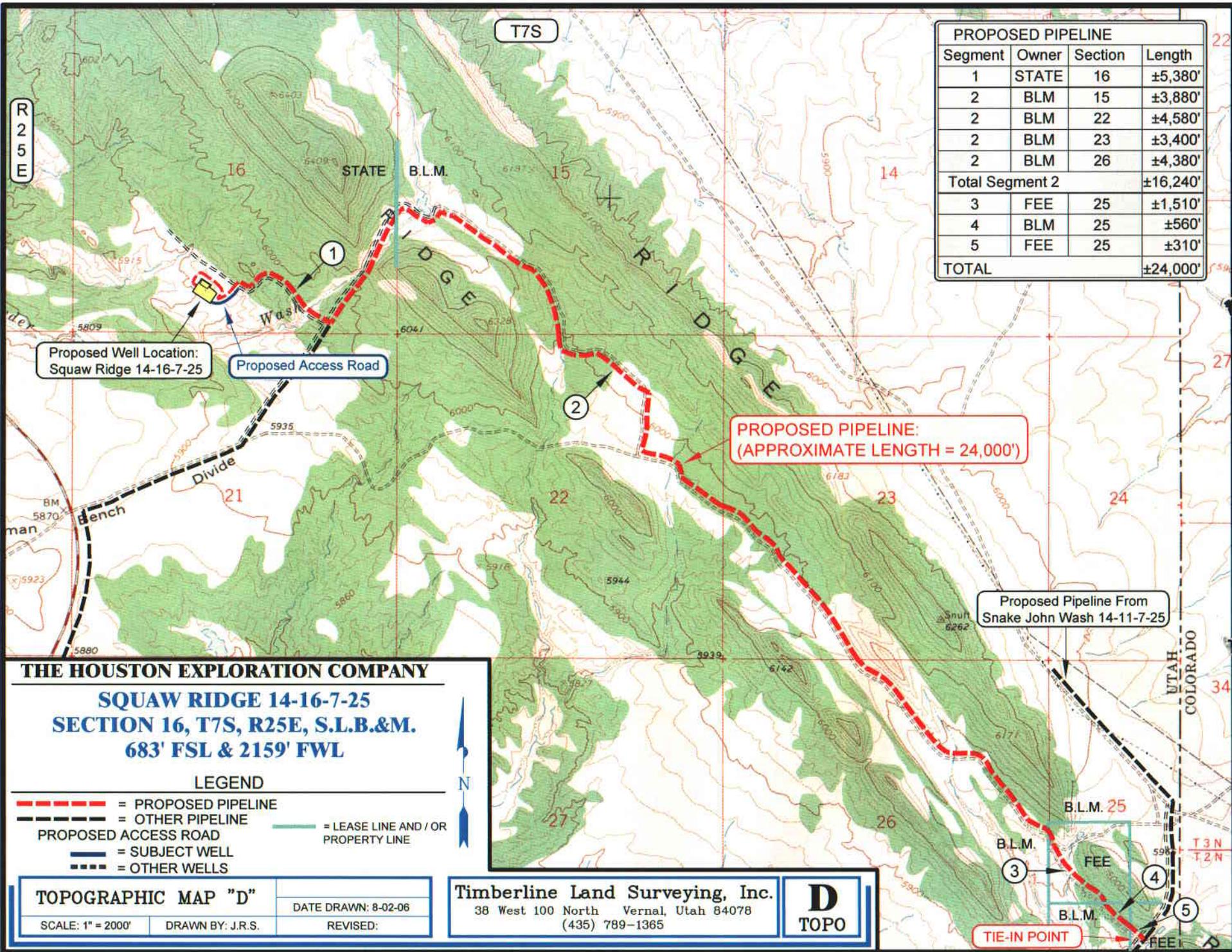
Utah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813



TOPOGRAPHIC MAP 12 16 05
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: L.K. REVISED: 00-00-00





PROPOSED PIPELINE			
Segment	Owner	Section	Length
1	STATE	16	±5,380'
2	BLM	15	±3,880'
2	BLM	22	±4,580'
2	BLM	23	±3,400'
2	BLM	26	±4,380'
Total Segment 2			±16,240'
3	FEE	25	±1,510'
4	BLM	25	±560'
5	FEE	25	±310'
TOTAL			±24,000'

Proposed Well Location:
Squaw Ridge 14-16-7-25

Proposed Access Road

PROPOSED PIPELINE:
(APPROXIMATE LENGTH = 24,000')

Proposed Pipeline From
Snake John Wash 14-11-7-25

THE HOUSTON EXPLORATION COMPANY
SQUAW RIDGE 14-16-7-25
SECTION 16, T7S, R25E, S.L.B.&M.
683' FSL & 2159' FWL

LEGEND

- - - - - = PROPOSED PIPELINE
- - - - - = OTHER PIPELINE
- - - - - = LEASE LINE AND / OR PROPERTY LINE
- - - - - = PROPOSED ACCESS ROAD
- = SUBJECT WELL
- = OTHER WELLS

TOPOGRAPHIC MAP "D"
 SCALE: 1" = 2000' DRAWN BY: J.R.S. DATE DRAWN: 8-02-06
 REVISED:

Timberline Land Surveying, Inc.
 38 West 100 North Vernal, Utah 84078
 (435) 789-1365

D
TOPO

TIE-IN POINT

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-47954-A	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: Squaw Ridge 14-16-7-25	
3. ADDRESS OF OPERATOR: 1100 Louisiana, Suite 200 Houston TX 77002				PHONE NUMBER: (713) 830-6800	10. FIELD AND POOL, OR WILDCAT: Undesignated <i>Widout</i>
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 683' FSL & 2,159' FWL AT PROPOSED PRODUCING ZONE: Same as above				11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESW 16 7S 25E	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 33.6 miles south of Vernal, UT				12. COUNTY: Uintah	13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 683'		16. NUMBER OF ACRES IN LEASE: 960		17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 40	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) NA		19. PROPOSED DEPTH: 7,200		20. BOND DESCRIPTION: 104155044	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 5,911' GR		22. APPROXIMATE DATE WORK WILL START: 3/1/2007		23. ESTIMATED DURATION: 30 Days	

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT			SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT		
17 1/2	14	A252	36.75	40	Class G	20 sks	1.18cf 15.6ppg
11	8 5/8	K-55	28	900	Premium 5	77 sks	3.82cf 11ppg
				2,000	Class G	282sks	1.18cf 15.6ppg
7 7/8	4 1/2	N-80	11.6#	3,800	Premium 5	286sks	3.82cf 11ppg
				7,200	Class G	820sks	1.18cf 15.6ppg

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 8/1/2006

RECEIVED

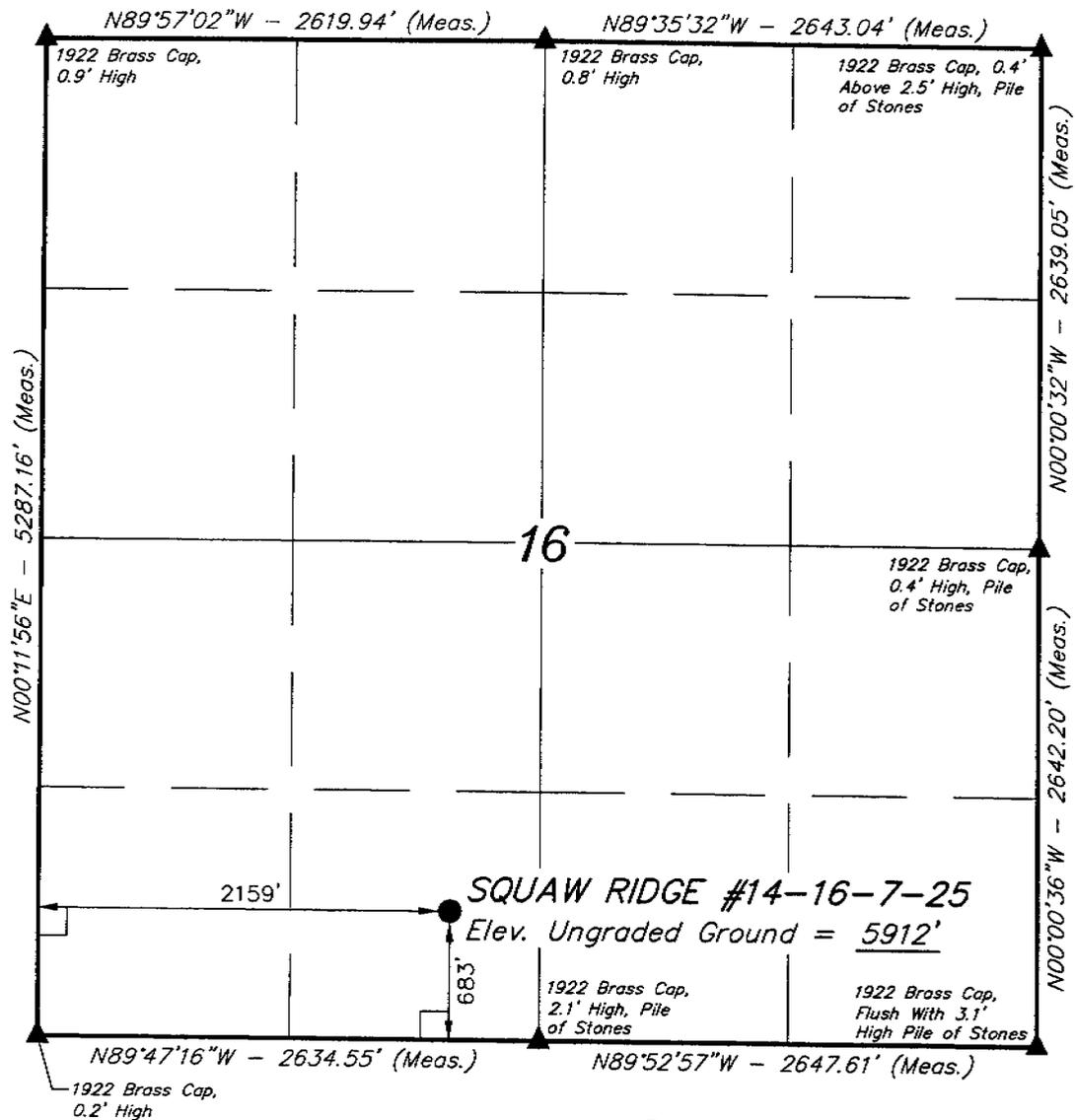
AUG 09 2006

API NUMBER ASSIGNED: 43-047-38461

APPROVAL:

DIV. OF OIL, GAS & MINING

T7S, R25E, S.L.B.&M.



BASIS OF BEARINGS

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

LEGEND:

- = 90° SYMBOL
- = PROPOSED WELL HEAD.
- = SECTION CORNERS LOCATED.

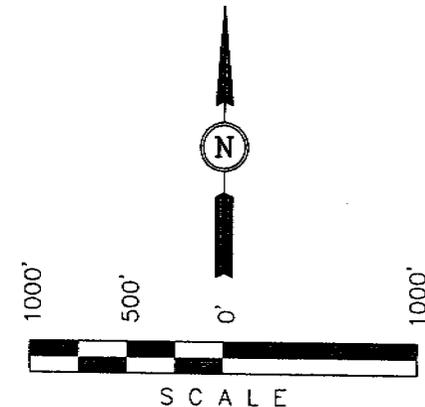
(AUTONOMOUS NAD 83)
 LATITUDE = 40°12'14.76" (40.204100)
 LONGITUDE = 109°06'27.02" (109.107506)
 (AUTONOMOUS NAD 27)
 LATITUDE = 40°12'14.88" (40.204133)
 LONGITUDE = 109°06'24.59" (109.106831)

THE HOUSTON EXPLORATION COMPANY

Well location, SQUAW RIDGE #14-16-7-25, located as shown in the SE 1/4 SW 1/4 of Section 16, T7S, R25E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

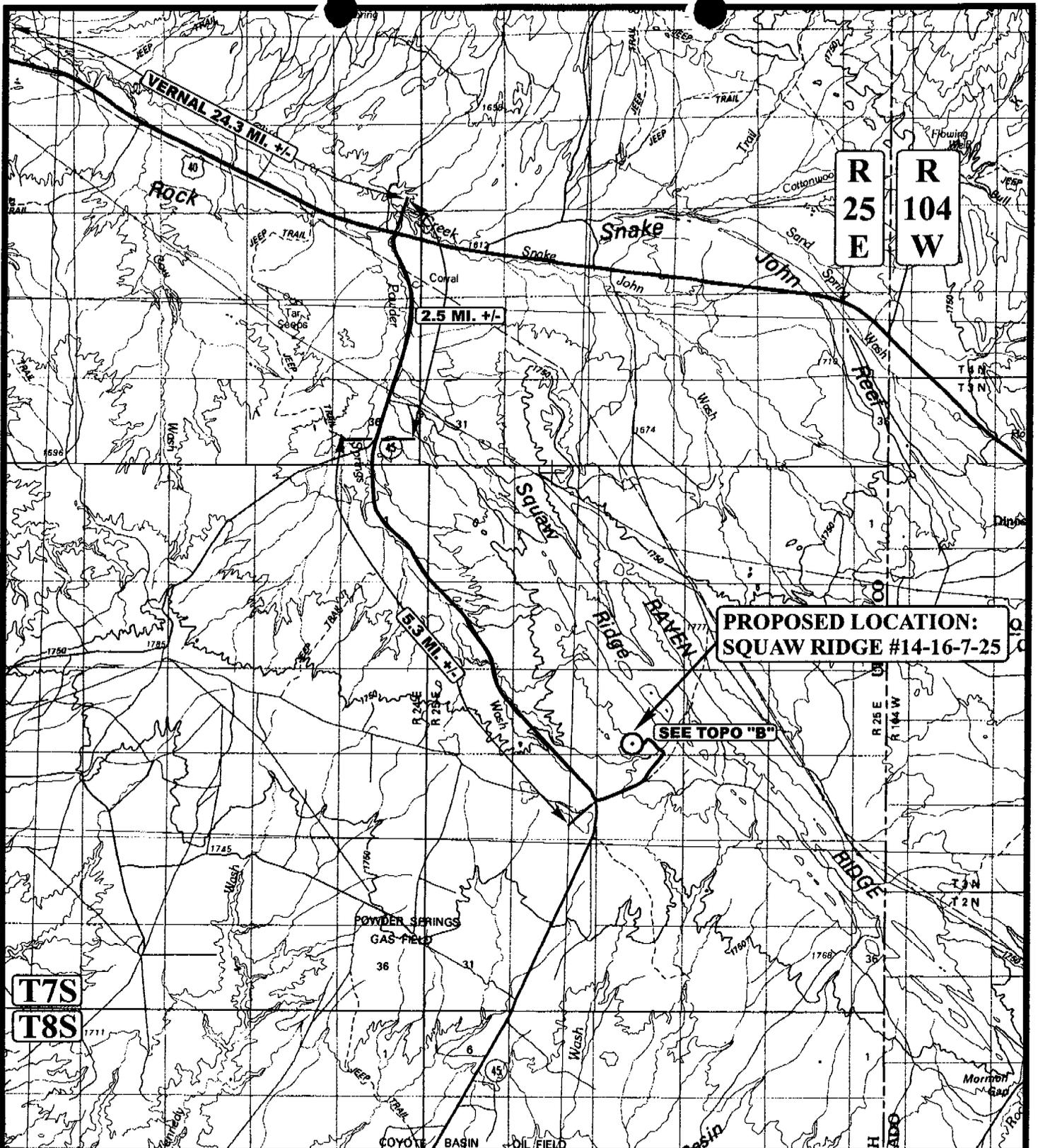
SPOT ELEVATION LOCATED AT A TRAIL INTERSECTION IN THE SOUTHWEST CORNER OF SECTION 4, T9S, R25E, S.L.B.&M. TAKEN FROM THE WALSH KNOLLS QUADRANGLE, UTAH-COLORADO, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5607 FEET.



CERTIFIED
 REGISTERED LAND SURVEYOR
 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. 16395
 STATE OF UTAH

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

SCALE 1" = 1000'	DATE SURVEYED: 12-05-05	DATE DRAWN: 12-29-05
PARTY J.F. C.B. P.M.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE THE HOUSTON EXPLORATION COMPANY	



**PROPOSED LOCATION:
SQUAW RIDGE #14-16-7-25**

SEE TOPO "B"

LEGEND:

⊙ PROPOSED LOCATION

N



THE HOUSTON EXPLORATION COMPANY

**SQUAW RIDGE #14-16-7-25
SECTION 16, T7S, R25E, S.L.B.&M.
683' FSL 2159' FWL**



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

TOPOGRAPHIC 12 16 05
MAP MONTH DAY YEAR
SCALE: 1:100,000 DRAWN BY: L.K. REVISED: 00-00-00



From: Robert Clark
To: Whitney, Diana
Date: 8/28/2006 2:49:59 PM
Subject: RDCC short turn around responses

THEC
43-047-38461

The following comments are provided in response to short turn around items **RDCC #6950** through **RDCC #6952**, and **RDCC #6988** through **RDCC # 6990**.

RDCC #6950, Comments begin: The Houston Exploration Company's proposal to drill the **Squaw Ridge 14-16-7-25** wildcat well, in Uintah County, may require a permit, known as an Approval Order, from the Executive Secretary of the Air Quality Board. If any compressor or pump stations are constructed at the site, a permit application, known as a Notice of Intent (NOI), should be submitted to the Executive Secretary at the Utah Division of Air Quality at 150 N. 1950 West, Salt Lake City, Utah, 84116 for review according to the Utah Air Quality Rule R307-401. Permit: Notice of Intent and Approval Order. A copy of the rules is found at www.rules.utah.gov/publicat/code/r307/r307.htm. The proposed project, in Uintah County, is also subject to Utah Air Quality Rule R307-205-5, Fugitive Dust, due to the fugitive dust that is generated during the excavating phases of the project. These rules apply to construction activities that disturb an area greater than 1/4 acre in size. A permit, known as an Approval Order, is not required from the Executive Secretary of the Air Quality Board, but steps need to be taken to minimize fugitive dust, such as watering and/or chemical stabilization, providing vegetative or synthetic cover or windbreaks. A copy of the rules may be found at www.rules.utah.gov/publicat/code/r307/r307.htm. **Comments end.**

RDCC # 6951, Comments begin: The Enduring Resources, LLC proposal to drill the **Southam Canyon 10-25-44-32** wildcat well, in Uintah County, may require a permit, known as an Approval Order, from the Executive Secretary of the Air Quality Board. If any compressor or pump stations are constructed at the site, a permit application, known as a Notice of Intent (NOI), should be submitted to the Executive Secretary at the Utah Division of Air Quality at 150 N. 1950 West, Salt Lake City, Utah, 84116 for review according to the Utah Air Quality Rule R307-401. Permit: Notice of Intent and Approval Order. A copy of the rules is found at www.rules.utah.gov/publicat/code/r307/r307.htm. The proposed project, in Uintah County, is also subject to Utah Air Quality Rule R307-205-5, Fugitive Dust, due to the fugitive dust that is generated during the excavating phases of the project. These rules apply to construction activities that disturb an area greater than 1/4 acre in size. A permit, known as an Approval Order, is not required from the Executive Secretary of the Air Quality Board, but steps need to be taken to minimize fugitive dust, such as watering and/or chemical stabilization, providing vegetative or synthetic cover or windbreaks. A copy of the rules may be found at www.rules.utah.gov/publicat/code/r307/r307.htm. **Comments End.**

RDCC #6952, Comments begin: The Enduring Resources, LLC proposal to drill the **Buck Camp 12-22-14-2** wildcat well, in Uintah County, may require a permit, known as an Approval Order, from the Executive Secretary of the Air Quality Board. If any compressor or pump stations are constructed at the site, a permit application, known as a Notice of Intent (NOI), should be submitted to the Executive Secretary at the Utah Division of Air Quality at 150 N. 1950 West, Salt Lake City, Utah, 84116 for review according to the Utah Air Quality Rule R307-401. Permit: Notice of Intent and Approval Order. A copy of the rules is found at www.rules.utah.gov/publicat/code/r307/r307.htm. The proposed project, in Uintah County, is also subject to Utah Air Quality Rule R307-205-5, Fugitive Dust, due to the fugitive dust that is generated during the excavating phases of the project. These rules apply to construction activities that disturb an area greater than 1/4 acre in size. A permit, known as an Approval Order, is not required from the Executive Secretary of the Air Quality Board, but steps need to be taken to minimize fugitive dust, such as watering and/or chemical stabilization, providing vegetative or synthetic cover or windbreaks. A copy of the rules may be found at www.rules.utah.gov/publicat/code/r307/r307.htm. **Comments end. RDCC**

#6988, Comments begin: The Houston Exploration Company's proposal to drill the **Gusher 13-11-5-19** wildcat well, in Uintah County, may require a permit, known as an Approval Order, from the Executive Secretary of the Air Quality Board. If any compressor or pump stations are constructed at the site, a permit application, known as a Notice of Intent (NOI), should be submitted to the Executive Secretary at the Utah Division of Air Quality at 150 N. 1950 West, Salt Lake City, Utah, 84116 for review according to the Utah Air Quality Rule R307-401. Permit: Notice of Intent and Approval Order. A copy of the rules is found at www.rules.utah.gov/publicat/code/r307/r307.htm. The proposed project, in Uintah County, is also subject to Utah Air Quality Rule R307-205-5, Fugitive Dust, due to the fugitive dust that is generated during the excavating phases of the project. These rules apply to construction activities that disturb an

area greater than 1/4 acre in size. A permit, known as an Approval Order, is not required from the Executive Secretary of the Air Quality Board, but steps need to be taken to minimize fugitive dust, such as watering and/or chemical stabilization, providing vegetative or synthetic cover or windbreaks. A copy of the rules may be found at www.rules.utah.gov/publicat/code/r307/r307.htm . **Comments end. RDCC # 6989, Comments begin:** The Enduring Resources, LLC proposal to drill the **Buck Camp 12-22-23-2** wildcat well, in Uintah County, may require a permit, known as an Approval Order, from the Executive Secretary of the Air Quality Board. If any compressor or pump stations are constructed at the site, a permit application, known as a Notice of Intent (NOI), should be submitted to the Executive Secretary at the Utah Division of Air Quality at 150 N. 1950 West, Salt Lake City, Utah, 84116 for review according to the Utah Air Quality Rule R307-401. Permit: Notice of Intent and Approval Order. A copy of the rules is found at www.rules.utah.gov/publicat/code/r307/r307.htm . The proposed project, in Uintah County, is also subject to Utah Air Quality Rule R307-205-5, Fugitive Dust, due to the fugitive dust that is generated during the excavating phases of the project. These rules apply to construction activities that disturb an area greater than 1/4 acre in size. A permit, known as an Approval Order, is not required from the Executive Secretary of the Air Quality Board, but steps need to be taken to minimize fugitive dust, such as watering and/or chemical stabilization, providing vegetative or synthetic cover or windbreaks. A copy of the rules may be found at www.rules.utah.gov/publicat/code/r307/r307.htm **Comments end. RDCC # 6990, Comments begin:** The RBDR, LLC proposal to drill the **Crazy "R" Ranch #1** wildcat well, in Sevier County, may require a permit, known as an Approval Order, from the Executive Secretary of the Air Quality Board. If any compressor or pump stations are constructed at the site, a permit application, known as a Notice of Intent (NOI), should be submitted to the Executive Secretary at the Utah Division of Air Quality at 150 N. 1950 West, Salt Lake City, Utah, 84116 for review according to the Utah Air Quality Rule R307-401. Permit: Notice of Intent and Approval Order. A copy of the rules is found at www.rules.utah.gov/publicat/code/r307/r307.htm . The proposed project, in Uintah County, is also subject to Utah Air Quality Rule R307-205-5, Fugitive Dust, due to the fugitive dust that is generated during the excavating phases of the project. These rules apply to construction activities that disturb an area greater than 1/4 acre in size. A permit, known as an Approval Order, is not required from the Executive Secretary of the Air Quality Board, but steps need to be taken to minimize fugitive dust, such as watering and/or chemical stabilization, providing vegetative or synthetic cover or windbreaks. A copy of the rules may be found at www.rules.utah.gov/publicat/code/r307/r307.htm **Comments end. Robert Clark** Division of Air Quality 536-4435

CC: McNeill, Dave; Wright, Carolyn

MEMORANDUM

DATE: August 29, 2006

TO: Utah Division of Oil, Gas and Mining, and Resource Development
Coordinating Committee

FROM: Utah Geological Survey, Ground Water and Paleontology Program

SUBJECT: UGS comments on RDCC items 6950, 6951, 6952, 6958, 6959, 6989,
6996, 6997, 6998, and 6999

6950. Trust Lands Administration, State Lease # ML-47954-A
Sec. 16, T7S, R25E, Uintah County

There are a number paleontological localities recorded in our files in this project area and it is mapped as T3 (Eocene Uinta and Duchesne River Formations) on the Utah State Geological Map. The Uinta and Duchesne River Formations are among the most paleontological sensitive rock units in Utah and have a strong potential for yielding significant vertebrate fossil localities. The office of the State paleontologist therefore recommends that a paleontological survey be conducted for this project and its easements by a paleontologist with a valid state permit.

6951. Trust Lands Administration, State Lease # ML-47965
Sec. 32, T10S, R25E, Uintah County

Although there are no paleontological localities recorded in our files in this project area, it is mapped as T3 (Eocene Uinta and Duchesne River Formations) on the Utah State Geological Map. The Uinta and Duchesne River Formations are among the most paleontological sensitive rock units in Utah and have a strong potential for yielding significant vertebrate fossil localities. The office of the State paleontologist therefore recommends that a paleontological survey be conducted for this project and its easements by a paleontologist with a valid state permit.

6952. Trust Lands Administration, State Lease # ML-47987
Sec. 2, T12S, R22E, Uintah County

Although there are no paleontological localities recorded in our files in this project area, it is mapped as T3 (Eocene Uinta and Duchesne River Formations) on the Utah State Geological Map. The Uinta and Duchesne River Formations are among the most paleontological sensitive rock units in Utah and have a strong potential for yielding significant vertebrate fossil localities. The office of the State paleontologist therefore recommends that a paleontological survey be conducted for this project and its easements by a paleontologist with a valid state permit.

6958. Trust Lands Administration, Seismic and Vibro Surveys, Sec. 2 & 36, T21S, R18E; Sec. 16, 33, 34, & 35, T21S, R19E; Sec. 2, T22S, R18E; and Sec. 2, 3, 4, 9, 10, 11, 14, 15, 16, 21, 22, 23, & 24, T21S, R18E; Uintah County

Although there are no paleontological localities recorded in our files in this project area, it is mapped as T3 (Eocene Uinta and Duchesne River Formations) on the Utah State Geological Map. The Uinta and Duchesne River Formations are among the most paleontological sensitive rock units in Utah and have a strong potential for yielding significant vertebrate fossil localities. The office of the State paleontologist therefore recommends that a paleontological survey be conducted for this project and its easements by a paleontologist with a valid state permit.

6959. Trust Lands Administration, SULA #1470, Sec. 36, T29S, R20E; Sec. 36, T29.5S, R20E; and Sec. 32, T30S, R20E; San Juan County

Although there are no paleontological localities recorded in our files in this project area, significant vertebrate fossil localities have been reported nearby in the Permian strata. The office of the State paleontologist therefore recommends that a paleontological survey be conducted for this project and its easements by a paleontologist with a valid state permit by a paleontologist with a valid state permit.

6989. Trust Lands Administration, State Lease # ML-47087
Sec. 2, T12S, R22E, Uintah County

Although there are no paleontological localities recorded in our files in this project area, it is mapped as T3 (Eocene Uinta and Duchesne River Formations) on the Utah State Geological Map. The Uinta and Duchesne River Formations are among the most paleontological sensitive rock units in Utah and have a strong potential for yielding significant vertebrate fossil localities. The office of the State paleontologist therefore recommends that a paleontological survey be conducted for this project and its easements by a paleontologist with a valid state permit.

6996. Division of Oil, Gas and Mining, Short Turn Around, Application for Permit to Drill - proposal to drill a wildcat well the Knight 14-30 on a Fee lease
Sec. 30, T3S, R2E, Uintah County

Although there are no paleontological localities recorded in our files in this project area, it is mapped as T3 (Eocene Uinta and Duchesne River Formations) on the Utah State Geological Map. The Uinta and Duchesne River Formations are among the most paleontological sensitive rock units in Utah and have a strong potential for yielding significant vertebrate fossil localities. The office of the State paleontologist therefore recommends that a paleontological survey be conducted for this project and its easements by a paleontologist with a valid state permit.

6997. Division of Oil, Gas and Mining, Short Turn Around, Application for Permit to

Drill - proposal to drill the Deep Creek 2-30 on a Fee lease, Sec. 30, T3S, R2E, Uintah County

Although there are no paleontological localities recorded in our files in this project area, it is mapped as T3 (Eocene Uinta and Duchesne River Formations) on the Utah State Geological Map. The Uinta and Duchesne River Formations are among the most paleontological sensitive rock units in Utah and have a strong potential for yielding significant vertebrate fossil localities. The office of the State paleontologist therefore recommends that a paleontological survey be conducted for this project and its easements by a paleontologist with a valid state permit.

6998. Division of Oil, Gas and Mining, Short Turn Around, Application for Permit to Drill - proposal to drill a wildcat well the Knight 16-30 on a Fee lease, Sec. 30, T3S, R2E, Uintah County

Although there are no paleontological localities recorded in our files in this project area, it is mapped as T3 (Eocene Uinta and Duchesne River Formations) on the Utah State Geological Map. The Uinta and Duchesne River Formations are among the most paleontological sensitive rock units in Utah and have a strong potential for yielding significant vertebrate fossil localities. The office of the State paleontologist therefore recommends that a paleontological survey be conducted for this project and its easements by a paleontologist with a valid state permit.

6999. Division of Oil, Gas and Mining, Short Turn Around, Application for Permit to Drill - proposal to drill a wildcat well the Eliason 6-30 on a Fee lease, Sec. 30, T3S, R2E, Uintah County

Although there are no paleontological localities recorded in our files in this project area, it is mapped as T3 (Eocene Uinta and Duchesne River Formations) on the Utah State Geological Map. The Uinta and Duchesne River Formations are among the most paleontological sensitive rock units in Utah and have a strong potential for yielding significant vertebrate fossil localities. The office of the State paleontologist therefore recommends that a paleontological survey be conducted for this project and its easements by a paleontologist with a valid state permit.

Casing Schematic

Surface

12" Uintah
18" Green River

to surf. w/ 8% washout

TOC @ 636'

TOC @ 778' to surf. w/ 4% washout
Green River ✓ surf strip

1300'

Birds Nest

Surface 2000. MD

4000' Wasatch
4117 TOC tail

6000' Mesa Verde

4-1/2" MW 12.

Production 7200. MD

BHP

$(0.052)(7200)(12) = 4493 \text{ psi}$
anticipate < 3000

gas

$(0.12)(7200) = 864$
 $4493 - 864 = 3629 \text{ psi MASP}$

BOPE: 5M ✓

gas/mud

$(0.22)(7200) = 1584$
 $4493 - 1584 = 2909 \text{ psi}$

Burst on surf. csg 8-5/8" MW 8.4 Frac 19.3

4" gas 2470, 70% = 1729 psi

HCK-55 = 3380, 70% = 2373 psi

Max @ surf. csg shoe

$7200 - 2000 = 5200(0.22) = 1144$

$4493 - 1144 = 3349 \text{ psi}$

test to 2373 psi

(± 1500 psi surf press.)

✓ Adequate (PKD 10/6/08)

Well name:	2006-09 Houston Squaw Ridge 14-16-7-25		
Operator:	The Houston Exploration Company		
String type:	Production	Project ID:	43-047-38461
Location:	Uintah County		

Design parameters:

Collapse

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

Burst

Max anticipated surface pressure: 2,904 psi
 Internal gradient: 0.220 psi/ft
 Calculated BHP: 4,488 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

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: 5,908 ft

Environment:

H2S considered? No
 Surface temperature: 65 °F
 Bottom hole temperature: 166 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 1,500 ft

Cement top: 636 ft

Non-directional string.

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	7200	4.5	11.60	N-80	LT&C	7200	7200	3.875	628.3
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	4488	6350	1.415	4488	7780	1.73	69	223	3.25 J

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

Phone: 801-538-5357
 FAX: 810-359-3940

Date: September 21, 2006
 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 7200 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:

2006-09 Houston Squaw Ridge 14-16-7-25

Operator: **The Houston Exploration Company**

String type: **Surface**

Project ID:
43-047-38461

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: 93 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 250 ft
Cement top: 778 ft

Burst

Max anticipated surface pressure: 1,760 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 2,000 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: 1,752 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 7,200 ft
Next mud weight: 12.000 ppg
Next setting BHP: 4,488 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	28.00	HCK-55	ST&C	2000	2000	7.892	701.1

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	873	2680	3.071	2000	3390	1.70	49	414	8.44 J

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

Phone: 801-538-5357
FAX: 810-359-3940

Date: October 6, 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:

2006-09 Houston Squaw Ridge 14-16-7-25

Operator: **The Houston Exploration Company**

String type: Surface

Project ID:

43-047-38461

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: 93 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 250 ft

Cement top: 778 ft

Burst

Max anticipated surface pressure: 1,760 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 2,000 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: 1,752 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 7,200 ft
Next mud weight: 12.000 ppg
Next setting BHP: 4,488 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 (ft ³)
1	2000	8.625	28.00	H-40	ST&C	2000	2000	7.892	701.1
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	873	1610	1.845	2000	2470	1.24	49	233	4.75 J

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

Phone: 801-538-5357
FAX: 810-359-3940

Date: September 21, 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.

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 08/09/2006

API NO. ASSIGNED: 43-047-38461

WELL NAME: SQUAW RIDGE 14-16-7-25
 OPERATOR: HOUSTON EXPLORATION CO, (N2525)
 CONTACT: BILL RYAN

PHONE NUMBER: 713-830-6800

PROPOSED LOCATION:

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering	DWR	10/6/06
Geology		
Surface		

SESW 16 070S 250E
 SURFACE: 0683 FSL 2159 FWL
 BOTTOM: 0683 FSL 2159 FWL
 COUNTY: UINTAH
 LATITUDE: 40.20414 LONGITUDE: -109.1069
 UTM SURF EASTINGS: 661126 NORTHINGS: 4451923
 FIELD NAME: WILDCAT (1)

LEASE TYPE: 3 - State
 LEASE NUMBER: ML-47954-A
 SURFACE OWNER: 3 - State

PROPOSED FORMATION: MVRD
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

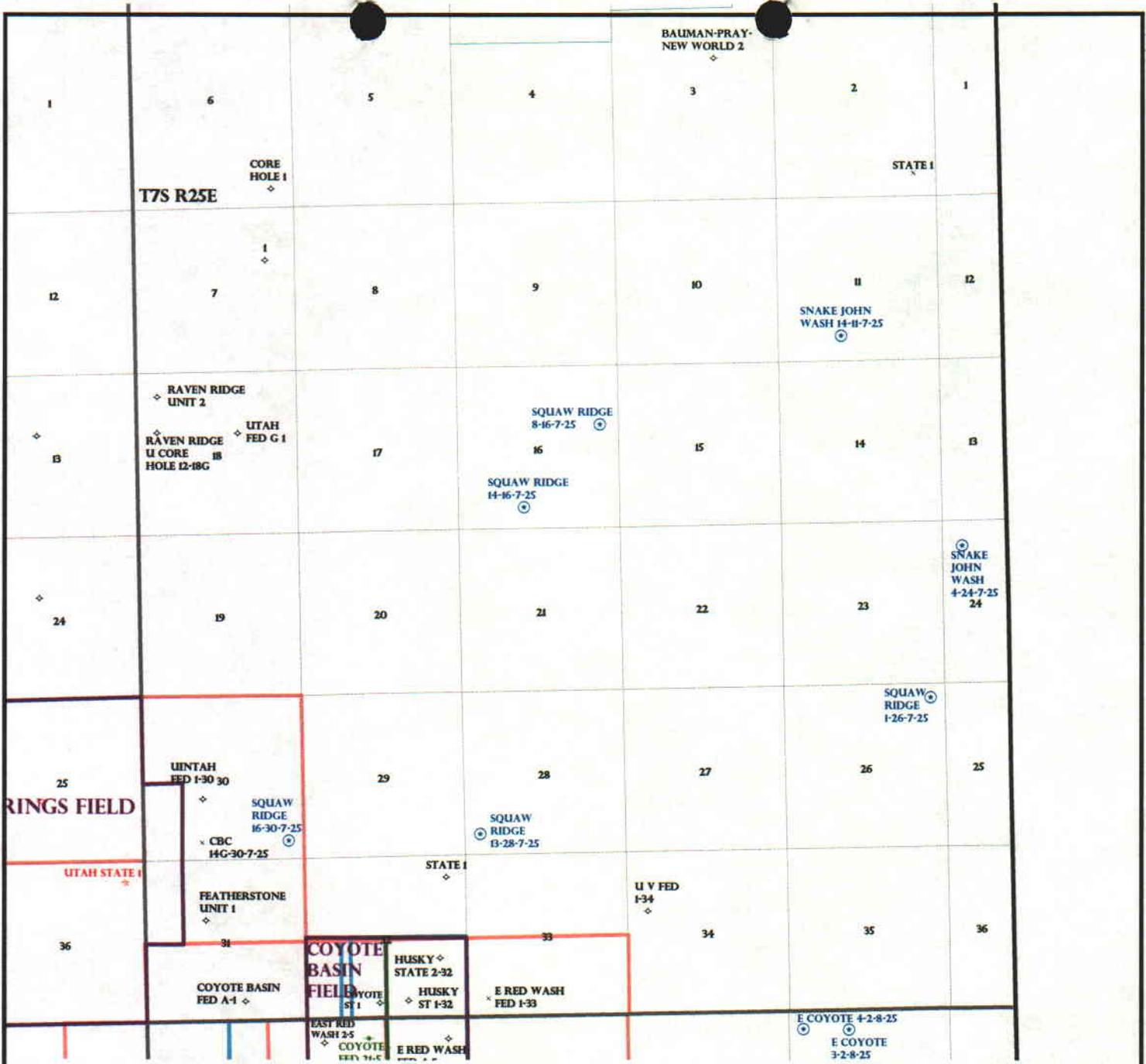
- Plat
- Bond: Fed[] Ind[] Sta[] Fee[]
(No. 104155044)
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. MUNICIPAL)
- RDCC Review (Y/N)
(Date: 08/30/2006)
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

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: New Permit (08-24-06)

STIPULATIONS: 1- Spacing Strip
2- Statement of Basis
3- Surf. csg Cont Strip



OPERATOR: THE HOUSTON EXPL CO (N2525)

SEC: 11,16,24,26 T.7S R. 25E

FIELD: WILDCAT (001)

COUNTY: UINTAH

SPACING: R649-3-2 / GENERAL SITING

Wells Status

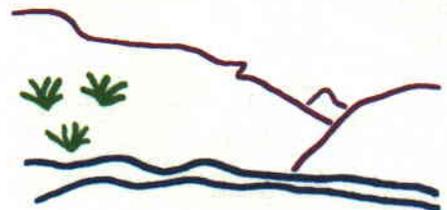
- ⊠ GAS INJECTION
- ⊠ GAS STORAGE
- ⊠ LOCATION ABANDONED
- ⊠ NEW LOCATION
- ⊠ PLUGGED & ABANDONED
- ⊠ PRODUCING GAS
- ⊠ PRODUCING OIL
- ⊠ SHUT-IN GAS
- ⊠ SHUT-IN OIL
- ⊠ TEMP. ABANDONED
- ⊠ TEST WELL
- ⊠ WATER INJECTION
- ⊠ WATER SUPPLY
- ⊠ WATER DISPOSAL
- ⊠ DRILLING

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



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY
DATE: 15-AUGUST-2006

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

OPERATOR: The Houston Exploration Company
WELL NAME & NUMBER: Squaw Ridge 14-16-7-25
API NUMBER: 43-047-38461
LOCATION: 1/4,1/4 SE/SW Sec: 16 TWP: 7S RNG: 25E; 683' FSL 2159 FWL

Geology/Ground Water:

Houston proposes to set 40 feet or 350 feet of conductor casing and 2,000 feet of surface casing with both being cemented to the surface. The base of the moderately saline water is estimated at 5,900 feet. A search of Division of Water Rights records shows no water wells within a 10,000 foot radius of the proposed location. 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. Production casing cement should be brought up above the base of the moderately saline ground water in order to isolate it from fresher waters up hole. The proposed surface casing should adequately protect any near surface aquifers.

Reviewer: Brad Hill **Date:** 06/29/06

Surface:

The site is State Surface and State Mineral. The pre-drill investigation of the surface was performed on August 24, 2006. Ed Bonner and Jim Davis of SITLA and Ben Williams of UDWR were invited by email to attend the pre-site on August 16, 2006. Only Mr. Williams attended. Ginger Stringham (Permit Agent for Houston Exploration), Gary Gerber (Stubbs and Stubbs Construction) and, Colby Kay (Timberline Land Surveying) also attended. Broken and sometimes steep terrain with a few shallow swales characterizes the topography of Squaw Ridge. The main ridge Squaw Ridge that is to the east of the proposed site runs in a northwest to southeast direction. Surface drainage from the site is to the west into Powder Springs Wash. No perennial streams or springs occur in the area. Individual draws or swales are ephemeral with the only flow occurring during spring runoff or flows from sometimes-intense summer rainstorms. An occasional constructed pond occurs furnishing water for antelope or livestock. This site is in a west sloping valley, which runs into a draw down the drainage. Small ridges occur both to the north and south. A small swale intersects the location but no diversion is needed. No stabilization problems are likely to occur. Approximately 0.1 miles of new road will be constructed from an existing two-track road, which will be upgraded for about 0.8 miles. Mr. Williams of the UDWR stated that the area is classified as high value yearlong antelope range, however he did not recommend any stipulations, as water is the limiting factor affecting the population not forage. Mr. Williams gave Ms. Stringham copies of his wildlife evaluation and a DWR recommended seed mix to use on the reserve pit and when closing the location.

Reviewer: Floyd Bartlett **Date:** 08/28/2006

Conditions of Approval/Application for Permit to Drill:

None

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

OPERATOR: The Houston Exploration Company
WELL NAME & NUMBER: Squaw Ridge 14-16-7-25
API NUMBER: 43-047-38461
LEASE: ML-47954-A **FIELD/UNIT:** Undesignated
LOCATION: 1/4, 1/4 SE/SW Sec: 16 TWP: 7S RNG: 25E ; 683' FSL 2159 FWL
LEGAL WELL SITING: 460 F SEC. LINE; 460 F 1/4, 1/4 LINE; 920 F ANOTHER WELL.
GPS COORD (UTM): 4452130 Y 0661064 X **SURFACE OWNER:** State of Utah
(SITLA)

PARTICIPANTS

Floyd Bartlett (DOGM), Ginger Stringham (Permit Agent for Houston Exploration), Gary Gerber (Stubbs and Stubbs Construction), Colby Kay (Timberline Land Surveying), Ben Williams (Utah Division of Wildlife Resources).

REGIONAL/SETTING TOPOGRAPHY

General area is the Squaw Ridge area of eastern Uintah, County. Squaw Ridge is approximately 33 air miles south east of Vernal, Utah and begins on the western boundary of the State of Colorado approximately 3 miles to the east. Access is by State of Utah Highway, Uintah County and oilfield development roads.

Broken and sometimes steep terrain with a few shallow swales characterizes the topography of Squaw Ridge. The main ridge is to the east of the proposed site running in a northwest to southeast direction. Drainage of the site is to the west into the Powder Springs Wash. No perennial streams occur in drainage. Individual draws or swales are ephemeral with the only flow occurring during spring runoff or flows from sometimes-intense summer rainstorms. No springs exist in the area. An occasional constructed pond occurs furnishing water for antelope or livestock.

This site is in a west sloping valley, which runs into a draw down the drainage. Small ridges occur both to the north and south. A small swale intersects the location but no diversion is needed. No stabilization problems are likely to occur. Approximately 0.1 miles of new road will be constructed from an existing two-track road, which will be upgraded for about 0.8 miles.

SURFACE USE PLAN

CURRENT SURFACE USE: Sheep grazing, limited hunting and recreation.

PROPOSED SURFACE DISTURBANCE: Location of 345' x 210' and a reserve pit of 150' x 75' x 12 feet deep and an additional 15' wide bench. Approximately 0.1 miles of new road will be required. All material for the location and road will be obtained onsite.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: None. See attached map from GIS data base. Additional wells are currently in the planning phase for this section.

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: All production facilities will be on location and added after drilling well. A pipeline 24,000 feet in length will serve this and other wells in the area and follow existing and proposed roads.

SOURCE OF CONSTRUCTION MATERIAL: All construction material will be obtained from the site.

ANCILLARY FACILITIES: None will be required.

WILL DRILLING AT THIS LOCATION GENERATE PUBLIC INTEREST CONCERNS? (EXPLAIN). Unlikely, as oil field related activity is common in the general area.

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 landfill.

ENVIRONMENTAL PARAMETERS

AFFECTED FLOODPLAINS AND/OR WETLANDS: None.

FLORA/FAUNA: A sparse cover of desert type vegetation consisting of big sagebrush, cheatgrass, greasewood and annual weeds. Juniper occurs on the surrounding slopes. Antelope, rabbits, small reptiles, birds and mammals. Sheep graze the area in the winter.

SOIL TYPE AND CHARACTERISTICS: Moderately deep sandy loam surface. No exposed sandstone bedrock.

EROSION/SEDIMENTATION/STABILITY: No natural erosion. Sedimentation and stability are not a problem and location construction shouldn't cause an increase in stability or erosion problems. One drainage will be cutoff with the construction of the location. It is a short drainage heading near the site. No diversion will be needed.

PALEONTOLOGICAL POTENTIAL: None observed. Survey completed by IPC on 6/7/06 and will be furnished for the record.

RESERVE PIT

CHARACTERISTICS: 150' x 75' x 12 feet. The reserve pit is all within cut on the northeast side of the location. A 15' wide bench is planned

around the outer edges and 2 ' of freeboard.

LINER REQUIREMENTS (Site Ranking Form attached): Level II sensitivity. A liner is not required for the reserve pit, however the operator routinely installs a 16 mil. liner to conserve water.

SURFACE RESTORATION/RECLAMATION PLAN

As per SITLA requirements.

SURFACE AGREEMENT:

As per SITLA requirements.

CULTURAL RESOURCES/ARCHAEOLOGY: A survey has been completed by Sagebrush Archaeological Services on 4-25-06 and a copy will be furnished for the file.

OTHER OBSERVATIONS/COMMENTS

Ben Williams representing the Utah Division of Wildlife Resources stated the area is classified as high value yearlong antelope range, however he did not recommend any stipulations, as water is the limiting factor affecting the population not forage. No other wildlife species are expected to be affected.

Ed Bonner and Jim Davis were invited to the pre-site on 8-16-2006. Neither attended.

This pre-drill investigation was conducted on a warm sunny day.

ATTACHMENTS

Photos of this site were taken and placed on file.

FLOYD BARTLETT
DOGM REPRESENTATIVE

08/24/06; 11:45 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	
<25 or recharge area	20	<u>0</u>
Distance to Surf. Water (feet)		
>1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200	15	<u>0</u>
< 100	20	
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>10</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 15 (Level II Sensitivity)

Sensitivity Level I = 20 or more; total containment is required.

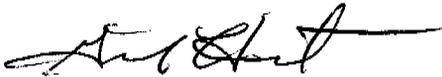
Sensitivity Level I = 15-19; lining is discretionary.

Sensitivity Level II = below 15; no specific lining is required.





STATE ACTIONS
Resource Development Coordinating Committee
Governor's Office of Planning and Budget
5110 State Office Building
SLC, UT 84114
Phone No. 537-9230

1. State Agency Oil, Gas and Mining 1594 West North Temple, Suite 1210 Salt Lake City, UT 84114-5801	2. Approximate date project will start: Upon Approval or August 29, 2006
3. Title of proposed action: Application for Permit to Drill	
4. Description of Project: The Houston Exploration Company proposes to drill the Squaw Ridge 14-16-7-25 well (wildcat) on a State lease ML-47954-A, Uintah County, Utah. This action is being presented to the RDCC for consideration of resource issues affecting state interests. The Division of Oil, Gas and Mining is the primary administrative agency in this action and must issue approval before operations commence.	
5. Location and detailed map of land affected (site location map required, electronic GIS map preferred) (include UTM coordinates where possible) (indicate county) 683' FSL 2159' FWL, SE/4 SW/4, Section 16, Township 7 South, Range 25 East, Uintah County, Utah	
6. Possible significant impacts likely to occur: Surface impacts include up to five acres of surface disturbance during the drilling and completion phase (estimated for five weeks duration). If oil and gas in commercial quantities is discovered, the location will be reclaimed back to a net disturbance of between one and two acres – not including road, pipeline, or utility infrastructure. If no oil or gas is discovered, the location will be completely reclaimed.	
7. Identify local government affected a. Has the government been contacted? No. b. When? c. What was the response? d. If no response, how is the local government(s) likely to be impacted?	
8. For acquisitions of land or interests in land by DWR or State Parks please identify state representative and state senator for the project area. Name and phone number of state representative, state senator near project site, if applicable: a. Has the representative and senator been contacted? N/A	
9. Areawide clearinghouse(s) receiving state action: (to be sent out by agency in block 1) Uintah Basin Association of Governments	
10. For further information, contact: Diana Whitney Phone: (801) 538-5312	11. Signature and title of authorized officer  Gil Hunt, Associate Director Date: August 15, 2006

From: Ed Bonner
To: Mason, Diana
Date: 11/21/2006 10:14 AM
Subject: Well Clearance

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

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

Cabot Oil & Gas Corporation

Gusher 13-36-5-19 (API 43 047 38538)
Gusher 14-36-5-19 (API 43 047 38539)

Dominion E&P, Inc

AP 11-2J (API 43 047 38786)
AP 13-2J (API 43 047 38787)
Kings Canyon 6-32E (API 43 047 38781)
Kings Canyon 15-32E (API 43 047 38782)

EOG Resources, Inc

Chapita Wells Unit 554-2F (API 43 047 36935)
Chapita Wells Unit 1218-2 (API 43 047 38320)

The Houston Exploration Company

Gusher 13-11-5-19 (API 43 047 38462)
Squaw Ridge 14-16-7-25 (API 43 047 38461)

QEP Uinta Basin Inc

GB 4SG-36-8-21 (API 43 047 38764)

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



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

November 22, 2006

Houston Exploration Company
1100 Louisiana, Ste. 2000
Houston, TX 77002

Re: Squaw Ridge 14-16-7-25 Well, 683' FSL, 2159' FWL, SE SW, Sec. 16,
T. 7 South, R. 25 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 43-047-38461.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Uintah County Assessor (via e-mail)
SITLA

Operator: Houston Exploration Company
Well Name & Number Squaw Ridge 14-16-7-25
API Number: 43-047-38461
Lease: ML-47954-A

Location: SE SW Sec. 16 T. 7 South R. 25 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. 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.
6. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)
7. Surface casing shall be cemented to the surface.
8. Operator shall comply with applicable recommendations resulting from Resource Development Coordinating Committee review. Statements attached.

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
---	--

WELL NAME	CA No.	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
- Is the new operator registered in the State of Utah: Business Number: 571171-0143
- If **NO**, the operator was contacted on: _____
- (R649-9-2) Waste Management Plan has been received on: IN PLACE
- Inspections of LA PA state/fee well sites complete on: _____
- 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 7/31/2007 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: 8/27/2007
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 8/27/2007
- Bond information entered in RBDMS on: 8/27/2007
- Fee/State wells attached to bond in RBDMS on: 8/27/2007
- Injection Projects to new operator in RBDMS on: n/a
- Receipt of Acceptance of Drilling Procedures for APD/New on: 7/30/2007

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: 6236351
- Indian well(s) covered by Bond Number: n/a
- (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 6218963
- 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

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 type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: See Attached List
2. NAME OF OPERATOR: Forest Oil Corporation <i>N6965</i>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 707 17th Street, #3600 CITY Denver, STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: See attached list		8. WELL NAME and NUMBER: See Attached List
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		9. API NUMBER: various
COUNTY:		10. FIELD AND POOL, OR WLD/CAT:
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: _____	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input 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.

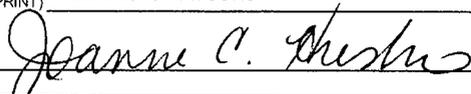
Please send all future correspondence to Forest Oil Corporation at the above listed address.

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

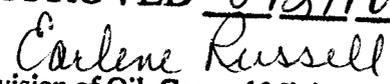


J. C. Ridens, Senior Vice President - Western Region

7-5-07
Date

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

(This space for State use only)

APPROVED 8/27/07

(5/2000) **Earlene Russell**
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

All wells with APD or New status

(See Instructions on Reverse Side)

RECEIVED
JUL 30 2007
DIV OF OIL, GAS & MINING *WMP*

well_name	sec	twp	rng	api	entity	lease	well	stat	flag
HORSESHOE BEND 16-33	33	060S	210E	4304736214		Federal	OW	APD	
HORSESHOE BEND 3-33	33	060S	210E	4304736215		Federal	OW	APD	
N HORSESHOE 7-16-6-21	16	060S	210E	4304737438		State	GW	APD	C
N HORSESHOE 9-16-6-21	16	060S	210E	4304737439		State	GW	APD	C
N HORSESHOE 15-16-6-21	16	060S	210E	4304737440		State	GW	APD	C
N HORSESHOE 11-16-6-21	16	060S	210E	4304737441		State	GW	APD	C
N HORSESHOE 1-16-6-21	16	060S	210E	4304737442		State	GW	APD	C
N HORSESHOE 13-2-6-21	02	060S	210E	4304737476		State	GW	APD	C
N HORSESHOE 15-2-6-21	02	060S	210E	4304737477		State	GW	APD	C
GUSHER 2-2-6-19	02	060S	190E	4304737561		State	OW	APD	C
GUSHER 16-2-6-19	02	060S	190E	4304737562		State	OW	APD	C
GUSHER 1-2-6-19	02	060S	190E	4304737563		State	OW	APD	C
GUSHER 3-2-6-19	02	060S	190E	4304737568		State	OW	APD	C
E COYOTE 6-2-8-25	02	080S	250E	4304737572		State	GW	APD	C
E COYOTE 3-2-8-25	02	080S	250E	4304737573		State	GW	APD	C
E COYOTE 8-2-8-25	02	080S	250E	4304737574		State	GW	APD	C
N HORSESHOE 13-16-6-21	16	060S	210E	4304737575		State	GW	APD	C
E COYOTE 4-2-8-25	02	080S	250E	4304737882		State	GW	APD	C
E COYOTE 14-2-8-25	02	080S	250E	4304737883		State	GW	APD	C
E COYOTE 10-2-8-25	02	080S	250E	4304737884		State	GW	APD	C
E COYOTE 16-2-8-25	02	080S	250E	4304737885		State	GW	APD	C
E COYOTE 12-2-8-25	02	080S	250E	4304737886		State	GW	APD	C
N HORSESHOE 16-18-6-22	18	060S	220E	4304737887		Federal	GW	APD	C
N HORSESHOE 14-18-6-22	18	060S	220E	4304737888		Federal	GW	APD	C
N HORSESHOE 2-18-6-22	18	060S	220E	4304737889		Federal	GW	APD	C
N HORSESHOE 10-18-6-22	18	060S	220E	4304737890		Federal	GW	APD	C
N HORSESHOE 8-18-6-22	18	060S	220E	4304737891		Federal	GW	APD	C
N HORSESHOE 13-15-6-21	15	060S	210E	4304738013		Federal	GW	APD	C
N HORSESHOE 15-15-6-21	15	060S	210E	4304738014		Federal	GW	APD	C
N HORSESHOE 11-15-6-21	15	060S	210E	4304738015		Federal	GW	APD	C
N HORSESHOE 9-15-6-21	15	060S	210E	4304738016		Federal	GW	APD	C
N HORSESHOE 5-15-6-21	15	060S	210E	4304738017		Federal	GW	APD	C
N HORSESHOE 3-15-6-21	15	060S	210E	4304738018		Federal	GW	APD	C
N HORSESHOE 5-20-6-22	20	060S	220E	4304738019		Federal	GW	APD	C
N HORSESHOE 13-20-6-22	20	060S	220E	4304738020		Federal	GW	APD	C
N HORSESHOE 3-20-6-22	20	060S	220E	4304738021		Federal	GW	APD	C
N HORSESHOE 7-20-6-22	20	060S	220E	4304738022		Federal	GW	APD	C
N HORSESHOE 11-20-6-22	20	060S	220E	4304738023		Federal	GW	APD	C
N HORSESHOE 2-12-6-21	12	060S	210E	4304738198		Federal	GW	APD	C
N HORSESHOE 14-12-6-21	12	060S	210E	4304738199		Federal	GW	APD	C
N HORSESHOE 10-12-6-21	12	060S	210E	4304738200		Federal	GW	APD	C
N HORSESHOE 8-12-6-21	12	060S	210E	4304738201		Federal	GW	APD	C
N HORSESHOE 16-13-6-21	13	060S	210E	4304738202		Federal	GW	APD	C
N HORSESHOE 15-17-6-22	17	060S	220E	4304738203		Federal	GW	APD	C
N HORSESHOE 5-19-6-22	19	060S	220E	4304738204		Federal	GW	APD	C
N HORSESHOE 15-19-6-22	19	060S	220E	4304738205		Federal	GW	APD	C
N HORSESHOE 3-21-6-22	21	060S	220E	4304738206		Federal	GW	APD	C
N HORSESHOE 11-21-6-22	21	060S	220E	4304738207		Federal	GW	APD	C
N HORSESHOE 15-21-6-22	21	060S	220E	4304738208		Federal	GW	APD	C
N HORSESHOE 13-21-6-22	21	060S	220E	4304738209		Federal	GW	APD	C
N HORSESHOE 5-21-6-22	21	060S	220E	4304738210		Federal	GW	APD	C
N HORSESHOE 7-19-6-22	19	060S	220E	4304738271		Federal	GW	APD	C
N HORSESHOE 5-16-6-22	16	060S	220E	4304738406		State	GW	APD	

well name	sec	twp	rng	api	entity	lease	well	stat	flag
TWELVEMILE WASH 11-13-5-20	13	050S	200E	4304738437		Federal	GW	APD	C
TWELVEMILE WASH 1-15-5-20	15	050S	200E	4304738438		Federal	GW	APD	C
N HORSESHOE 4-33-5-21	33	050S	210E	4304738439		Federal	GW	APD	C
GUSHER 6-15-6-19	15	060S	190E	4304738440		Federal	GW	APD	C
HORSESHOE BEND W 9-34-6-20	34	060S	200E	4304738441		Federal	GW	APD	C
N HORSESHOE 16-12-6-21	12	060S	210E	4304738442		Federal	GW	APD	C
N WALKER HOLLOW 12-29-6-23	29	060S	230E	4304738443		Federal	GW	APD	C
N WALKER HOLLOW 10-30-6-23	30	060S	230E	4304738444		Federal	GW	APD	C
PELICAN LAKE 11-3-8-20	03	080S	200E	4304738445		Federal	GW	APD	C
PELICAN LAKE 8-4-8-20	04	080S	200E	4304738446		Federal	GW	APD	C
E COYOTE 10-3-8-25	03	080S	250E	4304738447		Federal	GW	APD	C
BORDER 10-9-8-25	09	080S	250E	4304738448		Federal	GW	APD	C
N WALKER HOLLOW 14-33-6-23	33	060S	230E	4304738455		Federal	GW	APD	C
SNAKE JOHN WASH 14-11-7-25	11	070S	250E	4304738456		Federal	GW	APD	C
SNAKE JOHN WASH 4-24-7-25	24	070S	250E	4304738457		Federal	GW	APD	C
SQUAW RIDGE 1-26-7-25	26	070S	250E	4304738458		Federal	GW	APD	C
SQUAW RIDGE 13-28-7-25	28	070S	250E	4304738459		Federal	GW	APD	C
SQUAW RIDGE 16-30-7-25	30	070S	250E	4304738460		Federal	GW	APD	C
SQUAW RIDGE 14-16-7-25	16	070S	250E	4304738461		State	GW	APD	C
GUSHER 13-11-5-19	11	050S	190E	4304738462		State	GW	APD	C
N HORSESHOE 1-15-6-21	15	060S	210E	4304738831		Federal	GW	APD	C
N HORSESHOE 16-9-6-22	09	060S	220E	4304739083		State	GW	APD	
N HORSESHOE 12-7-6-22	07	060S	220E	4304739084		State	GW	APD	
N HORSESHOE 14-10-6-22	10	060S	220E	4304739085		State	GW	APD	
N HORSESHOE 2-15-6-22	15	060S	220E	4304739086		State	GW	APD	
N WALKER HOLLOW 12-32-6-23	32	060S	230E	4304739087		State	GW	APD	
N WALKER HOLLOW 10-32-6-23	32	060S	230E	4304739088		State	GW	APD	
N WALKER HOLLOW 16-32-6-23	32	060S	230E	4304739089		State	GW	APD	
N WALKER HOLLOW 8-32-6-23	32	060S	230E	4304739090		State	GW	APD	
N WALKER HOLLOW 11-36-6-23	36	060S	230E	4304739091		State	GW	APD	
N WALKER HOLLOW 13-36-6-23	36	060S	230E	4304739092		State	GW	APD	
N WALKER HOLLOW 14-32-6-23	32	060S	230E	4304739093		State	GW	APD	
N WALKER HOLLOW 15-36-6-23	36	060S	230E	4304739094		State	GW	APD	
N HORSESHOE 4-15-6-22	15	060S	220E	4304739095		State	GW	APD	
N HORSESHOE 9-10-6-21	10	060S	210E	4304739284		Federal	GW	APD	C
N HORSESHOE 12-13-6-21	13	060S	210E	4304739285		Federal	GW	APD	
N HORSESHOE 7-15-6-21	15	060S	210E	4304739286		Federal	GW	APD	
N HORSESHOE 9-19-6-22	19	060S	220E	4304739287		Federal	GW	APD	
N HORSESHOE 13-19-6-22	19	060S	220E	4304739288		Federal	GW	APD	
N HORSESHOE 11-19-6-22	19	060S	220E	4304739289		Federal	GW	APD	
SQUAW RIDGE 16-13-7-24	13	070S	240E	4304739319		Federal	GW	APD	C
N HORSESHOE 16-7-6-22	07	060S	220E	4304739320		Federal	GW	APD	C
SQUAW RIDGE 8-16-7-25	16	070S	250E	4304738024		State	GW	NEW	C

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

Request to Transfer Application or Permit to Drill

(This form should accompany a Sundry Notice, Form 9, requesting APD transfer)

Well name:	Squaw Ridge 14-16-7-25
API number:	4304738461
Location:	Qtr-Qtr: SESW Section: 16 Township: 7S Range: 25E
Company that filed original application:	The Houston Exploration Company
Date original permit was issued:	11/22/2006
Company that permit was issued to:	The Houston Exploration Company

Check one	Desired Action:
<input type="checkbox"/>	Transfer pending (unapproved) Application for Permit to Drill to new operator
<input type="checkbox"/>	The undersigned as owner with legal rights to drill on the property, hereby verifies that the information as submitted in the pending Application for Permit to Drill, remains valid and does not require revision. The new owner of the application accepts and agrees to the information and procedures as stated in the application.
<input checked="" type="checkbox"/>	Transfer approved Application for Permit to Drill to new operator
<input type="checkbox"/>	The undersigned as owner with legal rights to drill on the property as permitted, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.	Yes	No
If located on private land, has the ownership changed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
If so, has the surface agreement been updated?	<input type="checkbox"/>	<input type="checkbox"/>
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Have there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Have there been any changes to the access route including ownership or right-of-way, which could affect the proposed location?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Has the approved source of water for drilling changed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Is bonding still in place, which covers this proposed well? Bond No. <u>6218963</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Any desired or necessary changes to either a pending or approved Application for Permit to Drill that is being transferred, should be filed on a Sundry Notice, Form 9, or amended Application for Permit to Drill, Form 3, as appropriate, with necessary supporting information as required.

Name (please print) Tami Hofmann Title Regulatory Specialist
 Signature *Tami Hofmann* Date 08/06/2007
 Representing (company name) Forest Oil Corporation

The person signing this form must have legal authority to represent the company or individual(s) to be listed as the new operator on the Application for Permit to Drill.



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

February 15, 2008

The Houston Exploration Company
1100 Louisiana, Suite 2000
Houston, TX 77002-6800

Re: APD Rescinded – Squaw Ridge 14-16-7-25, Sec. 16, T. 7S, R. 25E
Uintah County, Utah API No. 43-047-38461

Gentlemen:

The Application for Permit to Drill (APD) for the subject well was approved by the Division of Oil, Gas and Mining (Division) on November 22, 2006. No drilling activity at these locations has been reported to the division. Therefore, approval to drill these wells is hereby rescinded, effective February 15, 2008.

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

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

Sincerely,

Diana Mason
Environmental Scientist

cc: Well File
SITLA, Ed Bonner