

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK  
 DRILL  DEEPEN

b. TYPE OF WELL  
 OIL WELL  GAS WELL  OTHER  SINGLE ZONE  MULTIPLE ZONE

2. NAME OF OPERATOR  
**Stone Energy LLC (303) 685-8000**

3. ADDRESS AND TELEPHONE NO.  
**1670 Broadway, Suite 2800, Denver, Co. 80202**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface **442' FSL & 860' FEL** *4134218 N*  
 At proposed prod. zone **Same** *SESE 634758 E*

5. LEASE DESIGNATION AND SERIAL NO.  
**UTU-75000**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
**N/A**

7. UNIT AGREEMENT NAME  
**N/A**

8. FARM OR LEASE NAME WELL NO.  
**Evans Fed. 44-34**

9. AP WELL NO.

10. FIELD AND POOL, OR TRIPlicate  
**Undesignated** *Wildcat*

11. SEC., T./R., M., OR BLK. AND SURVEY OR AREA  
**34-39s-22e SLBM**

12. COUNTY OR PARISH 13. STATE  
**San Juan UT**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
**6 air miles northeast of Bluff**

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)  
**442'**

16. NO. OF ACRES IN LEASE  
**7316.24**

17. NO. OF ACRES ASSIGNED TO THIS WELL  
**40**

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
**N/A**

19. PROPOSED DEPTH  
**5,750'**

20. ROTARY OR CABLE TOOLS  
**Rotary**

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
**4,385' ungraded**

22. APPROX. DATE WORK WILL START\*  
**Aug. 1, 2001**

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	J-55 8-5/8"	24	1,625'	≈1,480 cu. ft. & to surface
7-7/8"	K-55 5-1/2"	15.5	5,750'	≈1,170 cu. ft. & to surface

Request exception because of geology (location is based on year 2000 3-D seismic data). Exception is to quarter-quarter line (442' instead of ≥460'), not to a well.

Orthodox well could be drilled at 460 FS & 860 FE 34-39s-22e, but it would be a dry hole or marginal producer. Request permission to drill at 442 FSL & 860 FEL 34-39s-22e. This is the only well in the quarter-quarter. There are no producing wells closer than 4132'. Wells (see Page 13) could be drilled in all 8 offsetting units. Stone is owner of all drilling units and leases within minimum 3500' radius of proposed exception. This includes the drilling units toward which the well would encroach.

This APD is also serving as a BLM road right-of-way amendment application. Application covers that portion (6,200' x 35' = 4.98 acres in E2NE4, SWNE, NWSE, & E2SE4 Sec. 3 and NENE Sec. 10; T. 40 S., R. 22 E.) of the access from road junction in NENE Sec. 10 to the south line of Section 34.

cc: BLM (M&M), Gentry, UDOGM

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

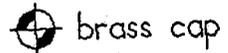
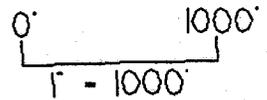
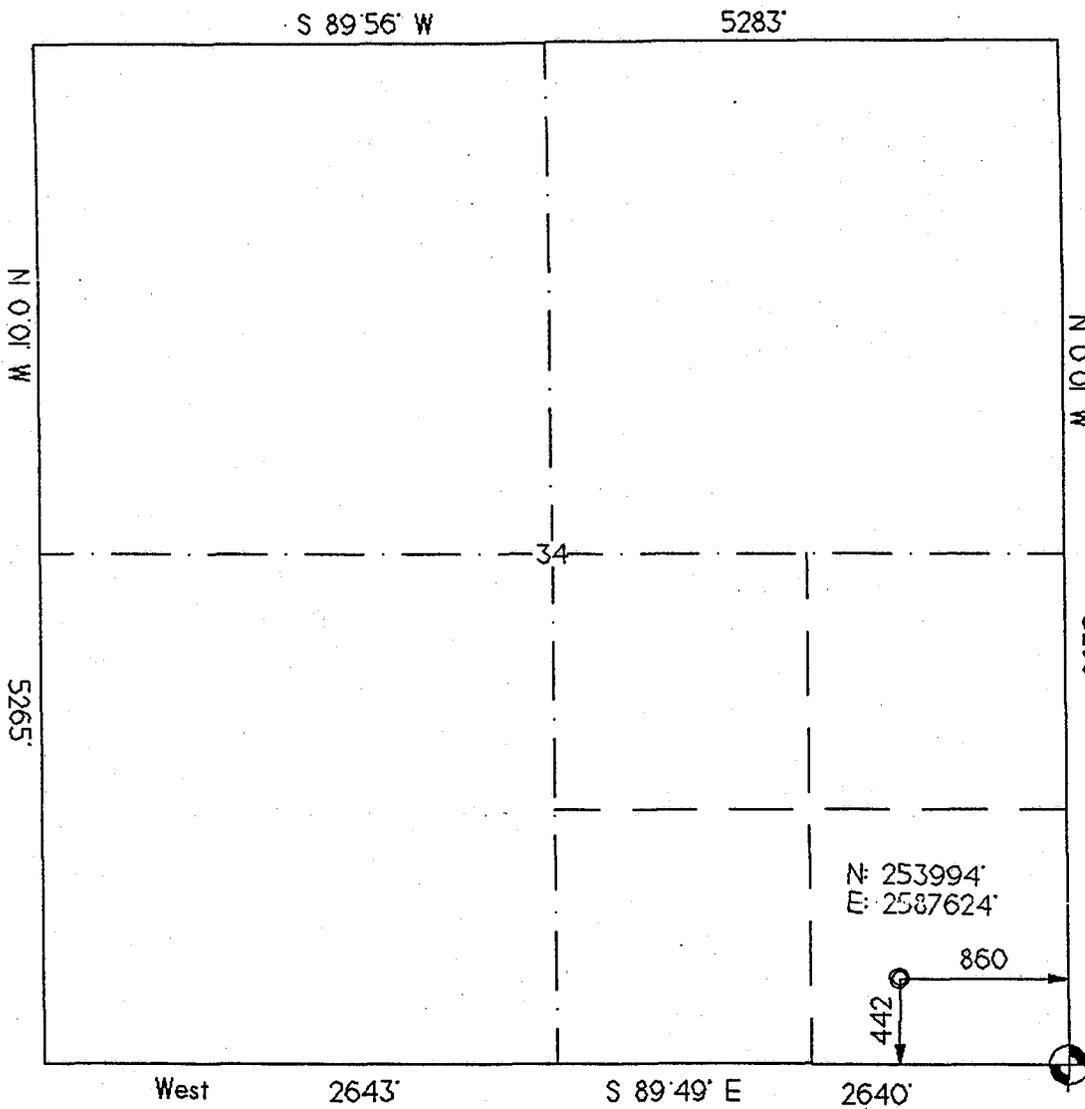
24. SIGNED *[Signature]* TITLE Consultant (505) 466-8120 DATE 2-2-01

(This space for Federal or State office use)  
 PERMIT NO. 43-039-31813 APPROVAL DATE FEB 28 2001

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

CONDITIONS OF APPROVAL, IF ANY:  
 APPROVED BY *[Signature]* TITLE BRADLEY G. HILL RECLAMATION SPECIALIST III DATE FEB 28 2001

\*See Instructions On Reverse Side

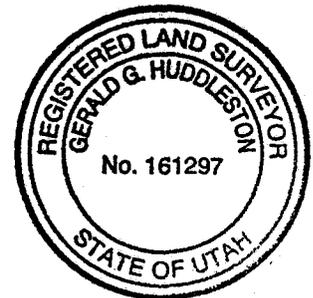


section from BLM & GLO  
rotation angle H448

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OIL, GAS AND MINING



Well Location Description

BASIN EXPLORATION, INC.  
EVANS FEDERAL 44-34  
442' FSL & 860' FEL  
Section 34, T.39 S., R.22 E., SLM  
San Juan County, UT  
4557' grd. el. ( from GPS)

10 JANUARY 2001

*Gerald G. Huddleston*

Gerald G. Huddleston, LS

The above is true and correct to my knowledge and belief.

HUDDLESTON LAND SURVEYING - BOX KK - CORTEZ, CO - (970) 565 -3330

Stone Energy LLC  
Evans Federal 44-34  
442' FSL & 860' FEL  
Sec. 34, T. 39 S., R. 22 E.  
San Juan County, Utah

PAGE 1

## Drilling Program

### 1. FORMATION TOPS

The estimated tops of important geologic markers are:

<u>Formation Name</u>	<u>GL Depth</u>	<u>KB Depth</u>	<u>Subsea El.</u>
Entrada/Carmel Ss	0'	12'	4,557'
Navajo Ss	307'	319'	4,250'
Chinle Sh	1,357'	1,369'	3,200'
Cutler Ss	2,457'	2,469'	2,100'
Organ Rock Sh	2,557'	2,569'	2,000'
Hermosa	4,507'	4,519'	50'
Hatch Sh	5,307'	5,319'	-750'
Upper Ismay	5,357'	5,369'	-800'
Hovenweep Sh	5,457'	5,469'	-900'
Lower Ismay	5,507'	5,519'	-950'
Gothic Sh	5,557'	5,569'	-1,000'
Desert Creek	5,607'	5,619'	-1,050'
Chimney Rock Sh	5,657'	5,669'	-1,100'
Akah Sh	5,707'	5,719'	-1,150'
Total Depth (TD)*	5,750'	5,762'	-1,193'

\* all elevations reflect the proposed graded ground level of 4,557'

### 2. NOTABLE ZONES

Oil and gas are possible in the Ismay and Desert Creek. Fresh water may be found in the Entrada/Carmel and Navajo. Uranium may be found in the Chinle. Oil and gas shows which appear to the well site geologist to be commercial will be tested. All fresh water and prospectively valuable minerals will be recorded by depth and protected with casing and cement.

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Stone Energy LLC  
Evans Federal 44-34  
442' FSL & 860' FEL  
Sec. 34, T. 39 S., R. 22 E.  
San Juan County, Utah

3. PRESSURE CONTROL

A 3000 psi double ram and annular preventer with a 3,000 psi choke manifold will be used. A diagram of a typical BOP is on Page 3. Actual model will not be known until bid is let.

BOP controls will be installed before drilling the surface casing plug, and will stay in use until the well is completed or P&A. Pressure tests will be conducted before drilling out from under all casing strings which are set and cemented in place. All BOP mechanical and pressure tests will be recorded on the driller's log. BOPs will be inspected and operated at least daily to assure good mechanical working order. The inspection will be recorded on the daily drilling report.

4. CASING & CEMENT

<u>Hole Size</u>	<u>O.D.</u>	<u>Weight</u>	<u>Grade</u>	<u>Thread</u>	<u>Age</u>	<u>GL Set. Depth</u>
12-1/4"	8-5/8"	24 #/ft	J-55	ST&C	New	1,625'
7-7/8"	5-1/2"	15.5 #/ft	K-55	LT&C	New	5,750'

Surface casing will be cemented to the surface with 435 sx Premium Lite with 2% CaCl<sub>2</sub> + 1/4 #/sk celloflake + 8% bentonite (= 12.0 ppg and 2.27 cf/sk) and 425 sx Class G with 2% CaCl<sub>2</sub> + 1/4 #/sk celloflake (= 15.8 ppg and 1.16 cf/sk). Volumes are calculated at 100% excess. Centralizers will be set on the bottom joint, second joint, third joint, and then every 4th joint.

Production casing will be cemented to the surface with 300 sx Premium Lite with 0.4% retarder + 0.3% sodium metasilicate + 10% bentonite (= 11.0 ppg and 3.15 cf/sk) and 190 sx Class G with 0.15% retarder and 0.8% fluid loss additive (= 15.6 ppg and 1.18 cf/sk). Volumes are calculated at 10% excess. Centralizers will be run every other joint from TD to 4,000'.

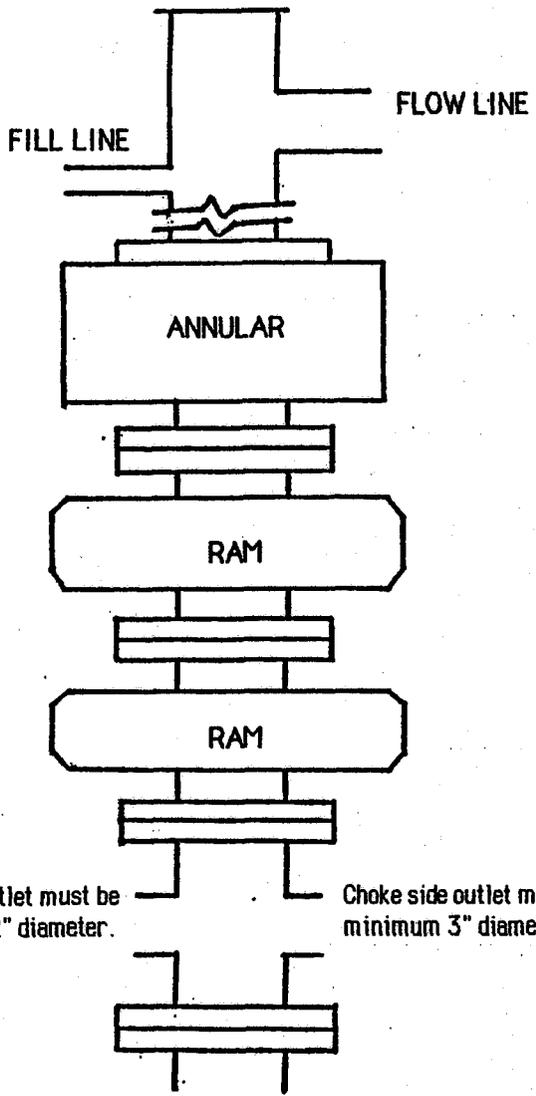
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Stone Energy LLC  
 Evans Federal 44-34  
 442' FSL & 860' FEL  
 Sec. 34, T. 39 S., R. 22 E.  
 San Juan County, Utah

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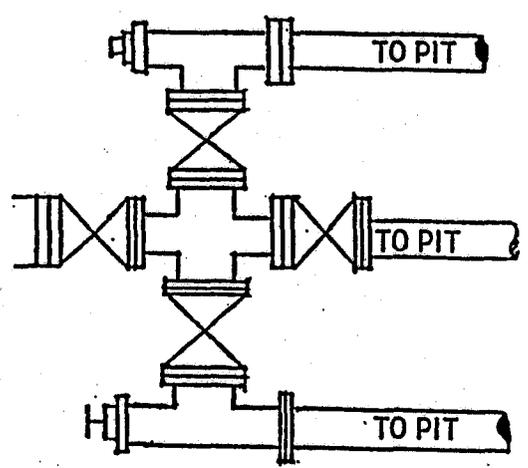
TYPICAL BOP STACK & CHOKE MANIFOLD

There will be at least 2 chokes and 2 choke line valves (3" minimum). The choke line will be 3" in diameter. There will be a pressure gauge on the choke manifold.

Kill side outlet must be minimum 2" diameter.

Choke side outlet must be minimum 3" diameter.

Kill line will be minimum 2" diameter and have 2 valves, one of which shall be a minimum 2" check valve.



Upper kelly cock will have handle available.  
 Safety valve and subs will fit all drill string connections in use.  
 All BOPE connections subjected to well pressure will be flanged, welded, or clamped.

Stone Energy LLC  
Evans Federal 44-34  
442' FSL & 860' FEL  
Sec. 34, T. 39 S., R. 22 E.  
San Juan County, Utah

5. MUD PROGRAM

<u>Interval</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss</u>	<u>Type</u>
0-1500'	8.4-8.9	27-30	N/C	Fresh water gel & lime
1500'-5000'	8.4-8.5	27	N/C	Fresh water + PHPA
5000'-TD	8.8-9.2	36-40	10-12	LSND

Samples will be collected every 30' from base of surface casing to  $\approx$ 4300'. Samples will be collected every 10' from  $\approx$ 4300' to TD. A two man mud logging unit will be on location from  $\approx$ 4700' to TD.

6. CORING, TESTING, & LOGGING

A 90' conventional core may be cut in the Desert Creek. DSTs may be run in any possible producing zone if deemed necessary while drilling. Sonic (2" and 5") logs will be run from TD to surface. Two inch DIL log will be run from TD to surface. Five inch DIL log will be run from TD to 4500'. FDC/CNL (5") will be run from TD to 4500'. Micro-log (5") will be run from TD to 4500'.

7. DOWNHOLE CONDITIONS

No abnormal temperatures or pressures or hydrogen sulfide are expected. Maximum pressure will be  $\approx$ 2,320 psi.

8. OTHER INFORMATION

The anticipated spud date is November 15, 2000. It is expected it will take  $\approx$ 2 weeks to drill and  $\approx$ 2 weeks to complete the well.

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Evans Federal 44-34  
442' FSL & 860' FEL  
Sec. 34, T. 39 S., R. 22 E.  
San Juan County, Utah

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## Surface Use Plan

### 1. DIRECTIONS & EXISTING ROADS (See Pages 11 & 12)

From the junction of U-163 & U-262 in Montezuma Creek ...  
Go W 9-1/2 miles on U-163  
Then turn right onto County Road 2401 and go N 1.0 mile  
Then turn left onto County Road 217 and go W 0.45 miles  
Then turn right onto County Road 249 and go N 2.3 miles  
Then bear right and Go NE 0.5 mi. to Chimney Rock Draw  
Then turn left and go NW 225' on a flagged jeep trail to the well

Roads will be maintained to a standard at least equal to their present condition.

*This APD is also serving as a BLM road right-of-way amendment application. Application covers that portion (6,200' x 35' = 4.98 acres in E2NE4, SWNE, NWSE, & E2SE4 Sec. 3 and NENE Sec. 10; T. 40 S., R. 22 E.) of the access from road junction in NENE Sec. 10 to the south line of Section 34.*

### 2. ROAD TO BE UPGRADED

Call BLM (435-587-2141) 48 hours before starting construction. Surface disturbance and vehicle travel will be limited to the pad and road. Any additional area needed must be approved in advance by BLM.

The final mile of access will be flat bladed with a 16' wide running surface. Maximum disturbed width will be 25'. Topsoil will be windrowed by the side. Maximum cut or fill is 5'. Maximum grade is 7%. No cattleguard, culvert, or turnout is needed.

If the well is a producer, the final mile of access will be upgraded to Class 3

Stone Energy LLC  
Evans Federal 44-34  
442' FSL & 860' FEL  
Sec. 34, T. 39 S., R. 22 E.  
San Juan County, Utah

Road Standards within 60 days of dismantling the rig. Maximum disturbed width will then be 35'. If the deadline cannot be met, BLM will be notified so temporary drainage control can be installed. Class 3 Road Standards control drainage by using topography, ditch turnouts, dips, out sloping, crowning, low water crossings, gravel, and culverts. Maximum disturbed width will be 35'.

3. EXISTING WELLS (See Page 11)

There are two oil wells and one plugged and abandoned well within a mile radius. There are no existing gas, water, or disposal wells within a mile.

4. PROPOSED PRODUCTION FACILITIES (See Page 15)

A wellhead, pump, separator, meter run, dehydrator, and above ground tank battery will be installed on the pad. All will be painted a flat Desert Brown color. Tanks will be surrounded by an impermeable dike with sufficient capacity to hold 150% of the volume of the largest tank within the dike.

If sufficient gas production is developed, then a  $\approx 4$ " O.D. coated, wrapped, welded steel gas pipeline will be run southeast 5,462.7' to Stone's proposed and applied for Grays State 42-2 well. It will be laid on the surface where above the high water line. It will be buried at least 36" deep where below the high water line. Wall thickness will be 0.109". Operating pressure will be  $\approx 300$  psi. Burst pressure is  $\approx 1,530$  psi. Pipe will be tested with gas to  $\approx 500$  psi before use. All of the BLM portion is on lease. A right-of-way application has been filed with SITLA for the state portion.

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5. WATER SUPPLY

Stone will use Montezuma Well Service's already permitted existing water well in NWNE 36-40s-23e (09-1428; A60998).

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442' FSL & 860' FEL  
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6. CONSTRUCTION MATERIALS & METHODS (See PAGES 13 & 14)

The dirt contractor will be have an approved copy of the surface use plan.

Any cultural and/or paleontology resource (historic or prehistoric site or object) discovered by Basin, or any person working on their behalf, will be immediately reported to BLM (435-587-2141). Basin will suspend all operations in the immediate area of such discovery until written approval to proceed is issued by BLM. An evaluation of the discovery will be made by BLM to determine appropriate action to prevent the loss of significant cultural or scientific values. Basin will be responsible for the cost of evaluation. Any decision as to proper mitigation measures will be made by BLM after consulting with Basin.

Soil and brush will be piled north of the reserve pit. A ditch will be cut north of the pile. Rock will be hauled from an existing source off BLM land.

If, after excavation, it appears the reserve pit will not need lining due to an abundance of natural clay; then BLM will be notified. BLM will make an inspection and decide whether lining is needed. Basin will give BLM at least 48 hours advance notice.

If the reserve is to be lined, then it will be lined with at least 24 tons of commercial bentonite worked into 3:1 sides. At lease half of the capacity will be in cut. No liquid hydrocarbons will be discharged to the pit, pad, or road. Should hydrocarbons escape, they will be cleaned up and removed within 48 hours.

The pit will be fenced 48" high on 3 sides with 32" high woven wire topped with 2 smooth wire stands 4" and 16" above the woven wire. Steel posts will be set  $\approx 16.5'$  apart. Corner posts will be  $\geq 6"$  O.D. wood and anchored with a dead man. The 4th side will be fenced the same when drilling stops. The fence will be kept in good repair while the pit dries.

Stone Energy LLC  
Evans Federal 44-34  
442' FSL & 860' FEL  
Sec. 34, T. 39 S., R. 22 E.  
San Juan County, Utah

The top of the reserve pit will be netted once the drill rig is down. Fence and net will be maintained to prevent animal entry.

7. WASTE DISPOSAL

The reserve pit will be lined with 24 tons of commercial bentonite. Once dry, contents of the reserve pit will be buried in place.

Human waste will be disposed of in chemical toilets, which will be hauled to a state approved dump station. All trash will be placed in a portable trash cage and hauled to the county landfill. No trash will be buried or burned.

8. ANCILLARY FACILITIES

There will be no air strips or camps. Camper trailers may be on location for the company man, tool pusher, and mud loggers.

9. WELL SITE LAYOUT

See PAGES 13 and 14 for depictions of the well pad, cross section, cut and fill diagram, reserve pit, trash cage, access onto the location, parking, living facilities, and rig orientation.

10. RECLAMATION & REVEGETATION

Upon completion of drilling, the well site will be cleared of all debris, material, and junk not needed for production.

Reclamation will start when the reserve pit is dry. All areas not needed for

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Stone Energy LLC  
Evans Federal 44-34  
442' FSL & 860' FEL  
Sec. 34, T. 39 S., R. 22 E.  
San Juan County, Utah

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production will be backfilled, recontoured to natural contours, and reserved topsoil spread. If the well is a producer, then enough topsoil will be saved to reclaim the rest of the pad. The topsoil pile and all reclaimed areas will be broadcast seeded between October 1 and February 28 with the following mix. Sown areas will be left rough and lightly harrowed (4" deep) after seeding.

- 2 lb/ac galleta grass
- 4 lb/ac Indian ricegrass
- 1 lb/ac fourwing saltbush
- 1/2 lb/ac scarlet globemallow
- 1 lb/ac sand dropseed

11. SURFACE OWNER

All road and well construction is on BLM surface. The west most 1,629.62' of pipeline is on BLM. The remainder of the pipeline is on SITLA.

12. OTHER INFORMATION

BLM's Moab Field Office's phone number is (435) 259-6111.  
BLM's Monticello Field Office's phone number is (435) 587-2141.

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Safe drilling and operating practices will be used. The nearest hospital is over a 1 hour drive away in Monticello. It is 3 blocks northwest of the intersection of US 666 and US 191. Hospital phone number is (435) 587-2116. Or dial 1-800-332-1911 from anywhere in San Juan County, Ut.

If the well is drilled between February 1 and August 31, a raptor (especially golden eagles) survey and clearance of a half mile radius area surrounding the proposed well will be made before work starts. If the raptor survey locates an active raptor nest, then no work will be allowed until the baby birds have fledged (left nest). BLM will consult with the US Fish & Wildlife

Stone Energy LLC  
Evans Federal 44-34  
442' FSL & 860' FEL  
Sec. 34, T. 39 S., R. 22 E.  
San Juan County, Utah

Service to determine if drilling can occur closer (1/4 mile) if it can be proven activity (noise and visual impacts) can take place without impacting the nesting birds and their offspring.

13. REPRESENTATION

Anyone having questions concerning the APD should call:

Brian Wood, Consultant  
Permits West, Inc.  
37 Verano Loop  
Santa Fe, NM 87505  
(505) 466-8120 FAX: (505) 466-9682 Cellular: (505) 699-2276

The field representative will be:

Gerald Gentry, Operations Manager  
Stone Energy LLC  
1670 Broadway, Suite 2800  
Denver, Co. 80202-4801  
(303) 685-8000

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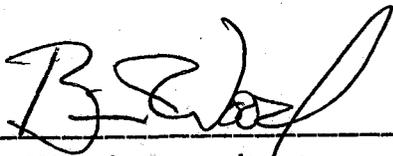
Stone Energy LLC is considered to be the operator of the Evans Federal 44-34 well in the SESE 34-39s-22e, Lease UTU-75000, San Juan County, Utah, and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands. Bond (#B7680) coverage for this well will be provided via surety consent as provided for in 43 CFR 3104.2. BLM will hold the aforementioned operator and bond liable until the provisions of 43 CFR 3106.7-2 continuing responsibility are met. Bond had been in the name of Basin Exploration, Inc. which has now merged into Stone Energy LLC.

I hereby certify Stone Energy LLC has the necessary consents from the proper lease and unit interest owners to conduct lease operations in conjunction with this APD. Bond coverage per 43 CFR 3104 for lease

Stone Energy LLC  
Evans Federal 44-34  
442' FSL & 860' FEL  
Sec. 34, T. 39 S., R. 22 E.  
San Juan County, Utah

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activities will be provided by Stone Energy LLC. I hereby certify I have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with operations proposed herein will be performed by Stone Energy LLC. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

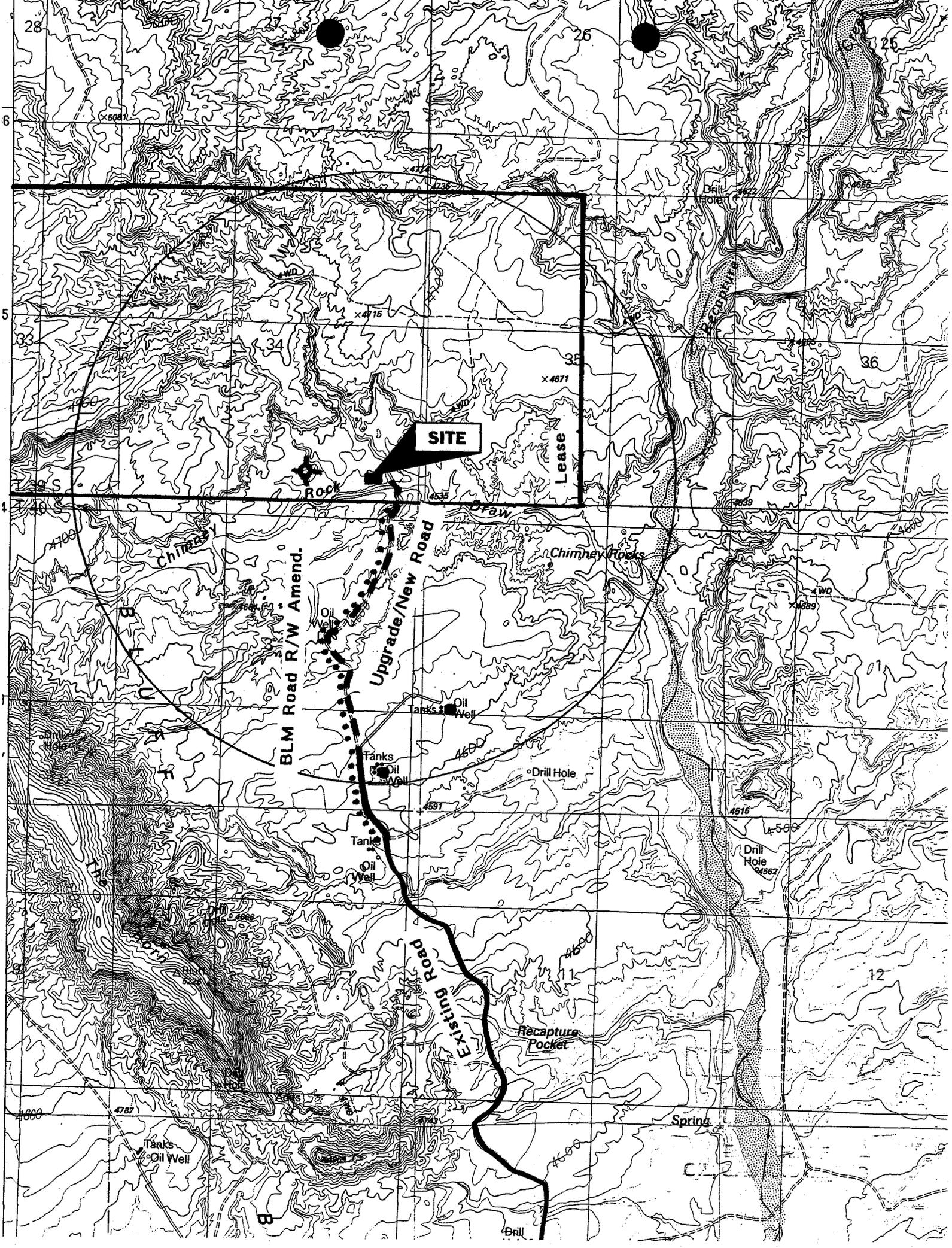


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Brian Wood, Consultant

February 2, 2001  
Date

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**SITE**

Lease

BLM Road R/W Amend.

Upgrade/New Road

Existing Road

Chimney

Chimney Rocks

Recapture Pocket

Spring

Rock

Draw

Tanks

Oil Well

Tanks

Oil Well

Tanks

Oil Well

Drill Hole

Drill Hole

Tanks

Oil Well

Drill

28

6

5

4

3

2

26

25

33

34

35

36

12

4600

4700

4500

4600

4500

X 5047

X 4715

X 4716

X 4671

Drill

X 4689

4516

X 5008

4562

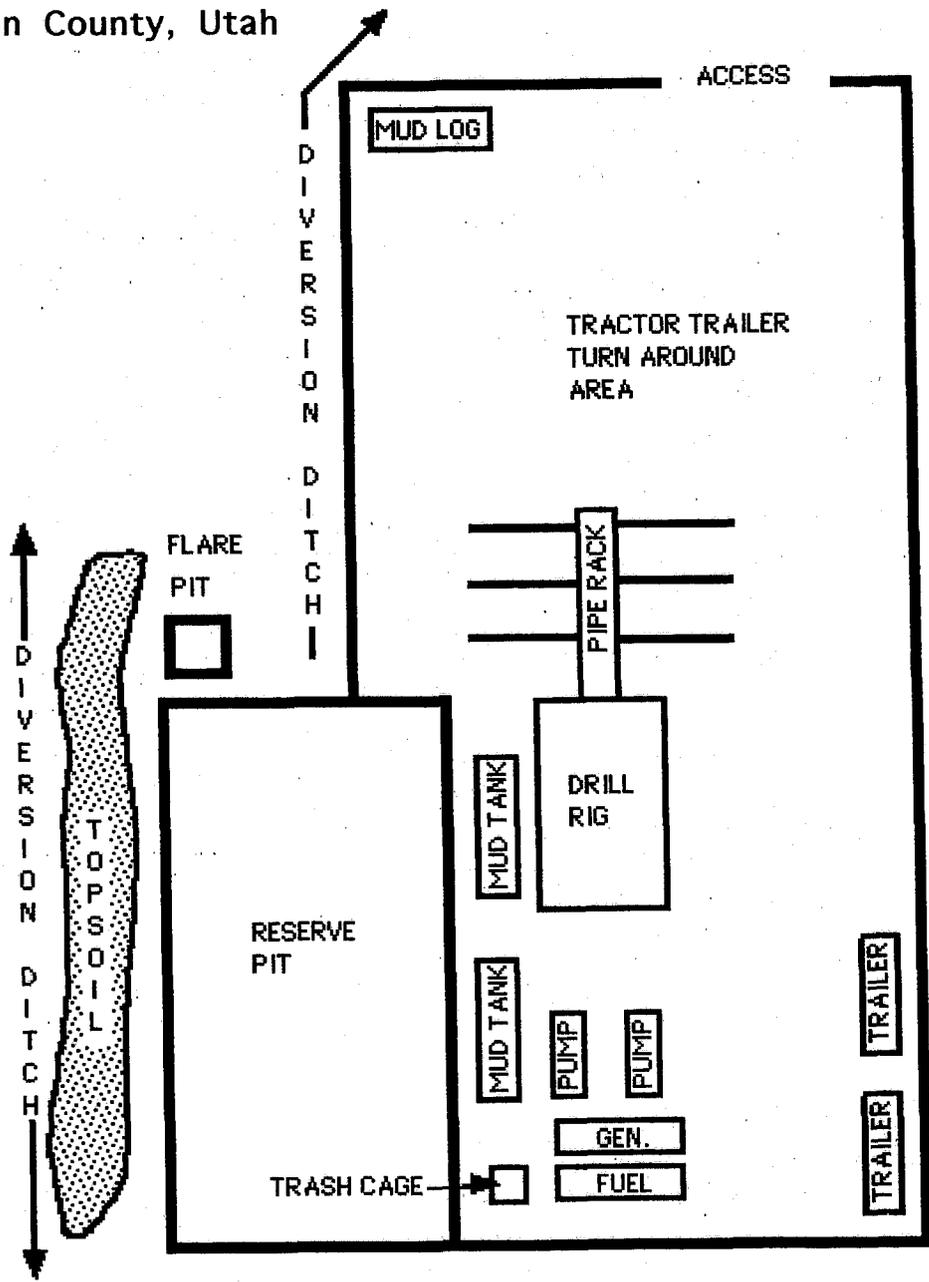
4600

4700

4500

4500

Stone Energy LLC  
Evans Federal 44-34  
442' FSL & 860' FEL  
Sec. 34, T. 39 S., R. 22 E.  
San Juan County, Utah



NORTH

1" = 50'

RECORDED

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OIL, GAS AND MINING

EVANS FEDERAL 44-34  
well pad & section

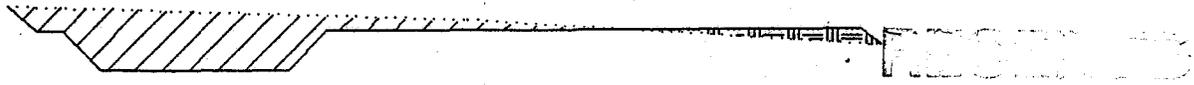
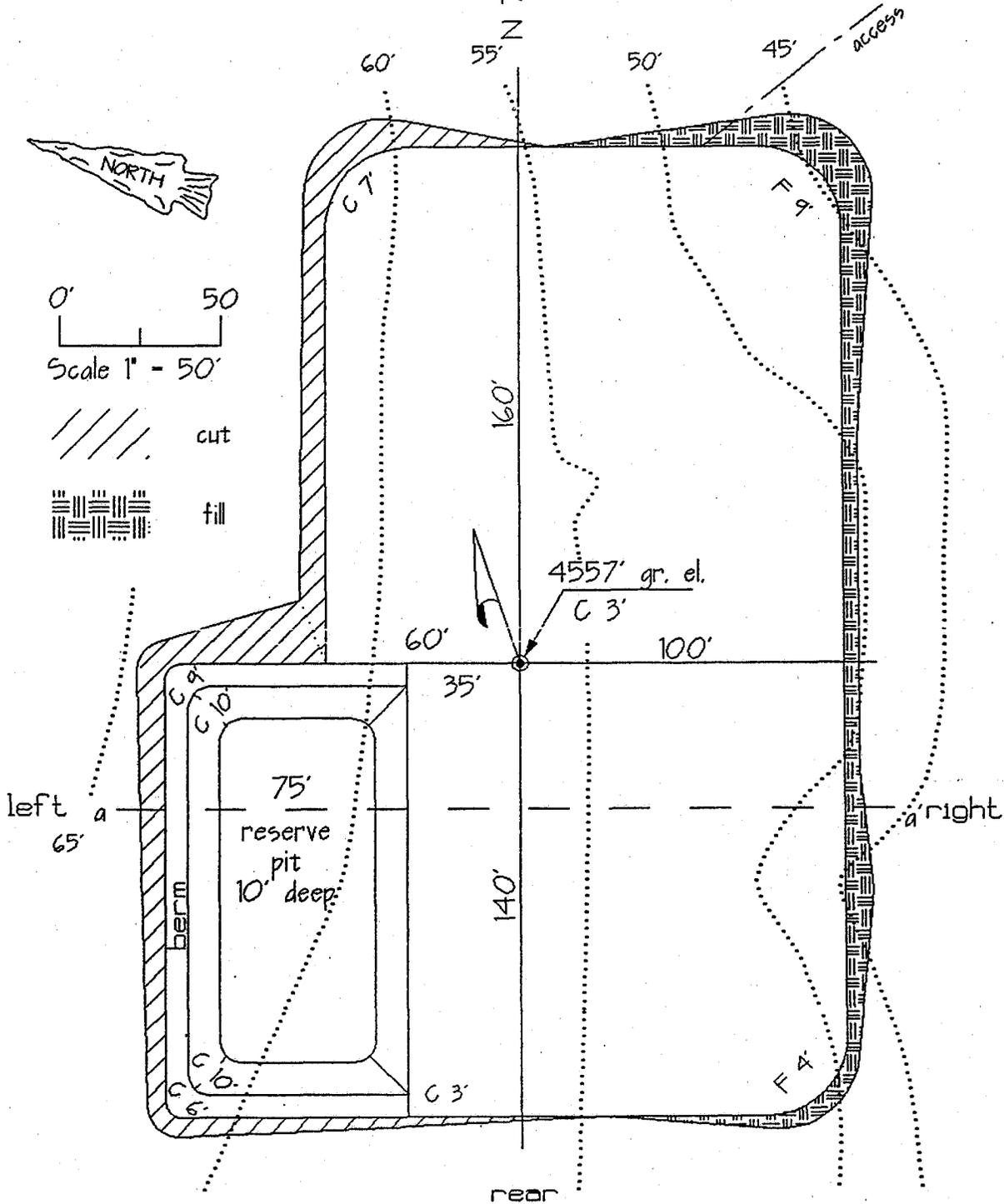
front  
E

55° N 73'



0' 50'  
Scale 1" = 50'

cut  
fill



a

Cross section

a'

REVISIONS  
DATE  
BY  
CL, C. AND



**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 02/09/2001

API NO. ASSIGNED: 43-037-31813

WELL NAME: EVANS FED 44-34  
 OPERATOR: STONE ENERGY LLC ( N1555 )  
 CONTACT: BRIAN WOOD, AGENT

PHONE NUMBER: 505-466-8120

PROPOSED LOCATION:  
 SESE 34 390S 220E  
 SURFACE: 0442 FSL 0860 FEL  
 BOTTOM: 0442 FSL 0860 FEL  
 SAN JUAN  
 UNDESIGNATED ( 2 )

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

LEASE TYPE: 1-Federal  
 LEASE NUMBER: UTU-75000  
 SURFACE OWNER: 1-Federal

PROPOSED FORMATION: IS-DC

RECEIVED AND/OR REVIEWED:

- Flat
- Bond: Fed~~[ ]~~ Ind~~[ ]~~ Sta~~[ ]~~ Fee~~[ ]~~  
 (No. B7680 )
- Potash (Y/N)
- Oil Shale (Y/N) \*190-5 (B) or 190-3
- Water Permit  
 (No. 09-1428 )
- RDCC Review (Y/N)  
 (Date: \_\_\_\_\_ )
- N/A Fee Surf Agreement (Y/N)

LOCATION AND SITING:

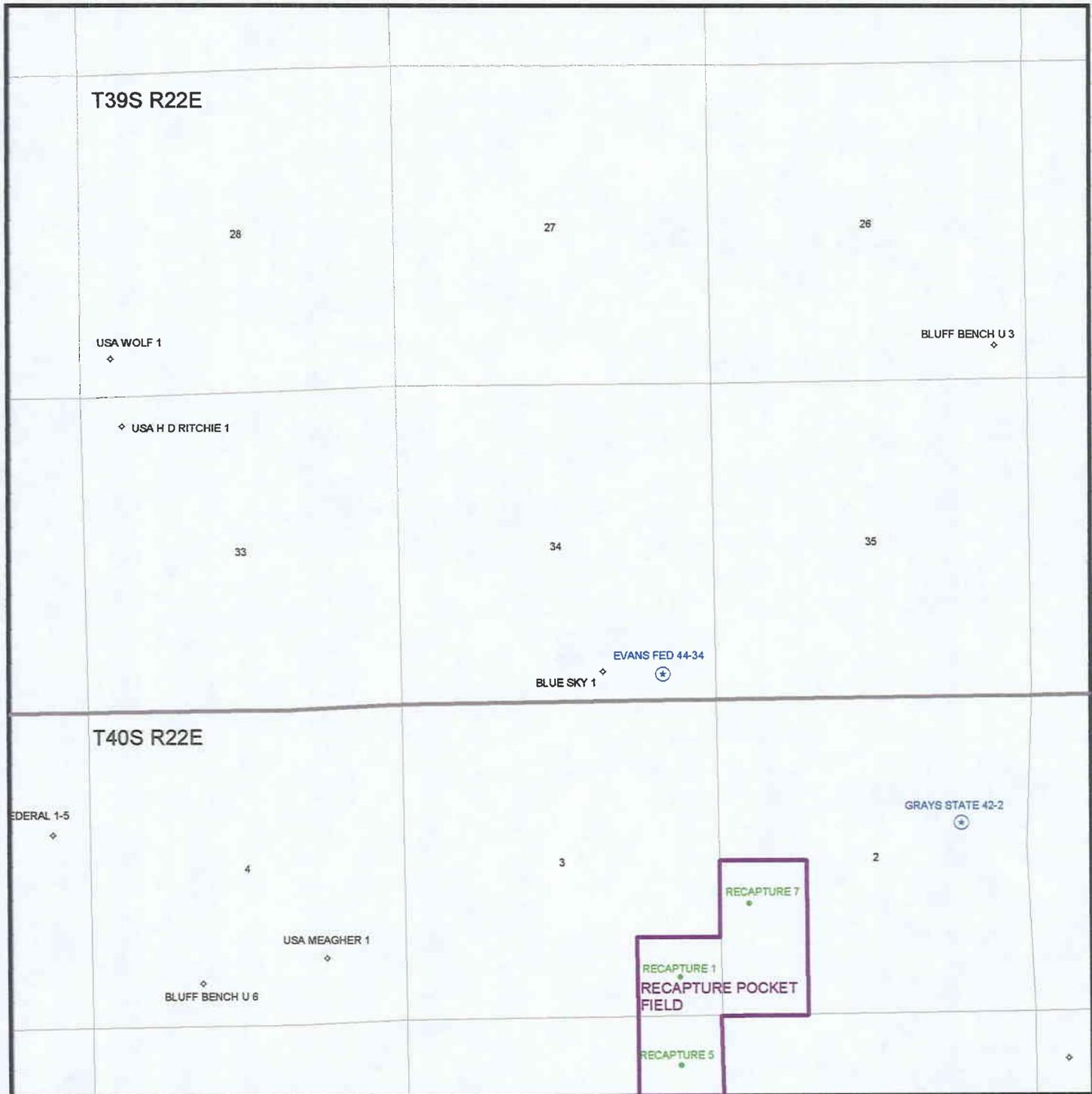
- R649-2-3. Unit \_\_\_\_\_
- R649-3-2. General
- Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit
- Board Cause No: \_\_\_\_\_
- Eff Date: \_\_\_\_\_
- Siting: \_\_\_\_\_
- R649-3-11. Directional Drill

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

STIPULATIONS: ① FEDERAL APPROVAL  
 \_\_\_\_\_  
 \_\_\_\_\_



OPERATOR: STONE ENERGY LLC (N1555)  
 FIELD: UNDESIGNATED (002)  
 SEC. 34, T39S, R22E,  
 COUNTY: SAN JUAN SPACING: R649-3-3/EX LOC





State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor  
Kathleen Clarke  
Executive Director  
Lowell P. Braxton  
Division Director

1594 West North Temple, Suite 1210  
PO Box 145801  
Salt Lake City, Utah 84114-5801  
801-538-5340  
801-359-3940 (Fax)  
801-538-7223 (TDD)

February 15, 2001

Stone Energy, LLC  
1670 Broadway, Suite 2800  
Denver, CO 80202

Re: Evans Federal 44-34 Well, 442' FSL, 860' FEL, SE SE, Sec. 34, T. 39 South, R. 22 East, San Juan County, Utah

Gentlemen:

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

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-037-31813.

Sincerely,

for

John R. Baza  
Associate Director

er

Enclosures

cc: San Juan County Assessor  
Bureau of Land Management, Moab District Office

**Operator:** Stone Energy, LLC

**Well Name & Number** Evans Federal 44-34

**API Number:** 43-037-31813

**Lease:** UTU-75000

**Location:** SE SE      **Sec.** 34      **T.** 39 South      **R.** 22 East

### Conditions of Approval

1. General

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

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

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

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

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

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

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



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED  
MOAB FIELD OFFICE

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK  
 DRILL  DEEPEN  2001 FEB -8 P 2:30

b. TYPE OF WELL  
 OIL WELL  GAS WELL  OTHER   
 SINGLE ZONE  MULTIPLE ZONE

2. NAME OF OPERATOR  
**Stone Energy LLC** (303) 685-8000

3. ADDRESS AND TELEPHONE NO.  
**1670 Broadway, Suite 2800, Denver, Co. 80202**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface **442' FSL & 860' FEL**  
 At proposed prod. zone **Same**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
**6 air miles northeast of Bluff**

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
**442'**

16. NO. OF ACRES IN LEASE  
**7316.24**

17. NO. OF ACRES ASSIGNED TO THIS WELL  
**40**

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
**N/A**

19. PROPOSED DEPTH  
**5,750'**

20. ROTARY OR CABLE TOOLS  
**Rotary**

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
**4,385' ungraded**

22. APPROX. DATE WORK WILL START\*  
**Aug. 1, 2001**

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	J55 8-5/8"	24 32	1,625'	≈ 1,480 cu. ft. & to surface
7-7/8"	K-55 5-1/2"	15.5	5,750'	≈ 200 cu. ft. & to surface

RECEIVED

Request exception because of geology (location is based on year 2000 3-D seismic map). Exception is to quarter-quarter line (442' instead of ≥460'), not to a well.

MAY 9 2001

Orthodox well could be drilled at 460 FS & 860 FE 34-39s-22e, but it would be a marginal producer. Request permission to drill at 442 FSL & 860 FEL 34-39s-22e. This is the only well in the quarter-quarter. There are no producing wells closer than 4132'. Wells (see Page 13) could be drilled in all 8 offsetting units. Stone is owner of all drilling units and leases within minimum 3500' radius of proposed exception. This includes the drilling units toward which the well would encroach.

DIVISION OF OIL, GAS AND MINING

This APD is also serving as a BLM road right-of-way amendment application. Application covers that portion (6,200' x 35' = 4.98 acres in E2NE4, SWNE, NWSE, & E2SE4 Sec. 3 and NENE Sec. 10; T. 40 S., R. 22 E.) of the access from road junction in NENE Sec. 10 to the south line of Section 34.

FLARING OR VENTING OF GAS IS SUBJECT TO NTL 4-A CONDITIONS OF APPROVAL ATTACHED BLM (M&M), Gentry, UDOGM

Dated 1/1/80

IN ABOVE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED B. E. [Signature] TITLE Consultant (505) 466-8120 DATE 2-2-01

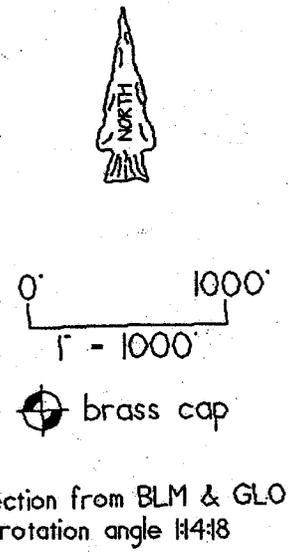
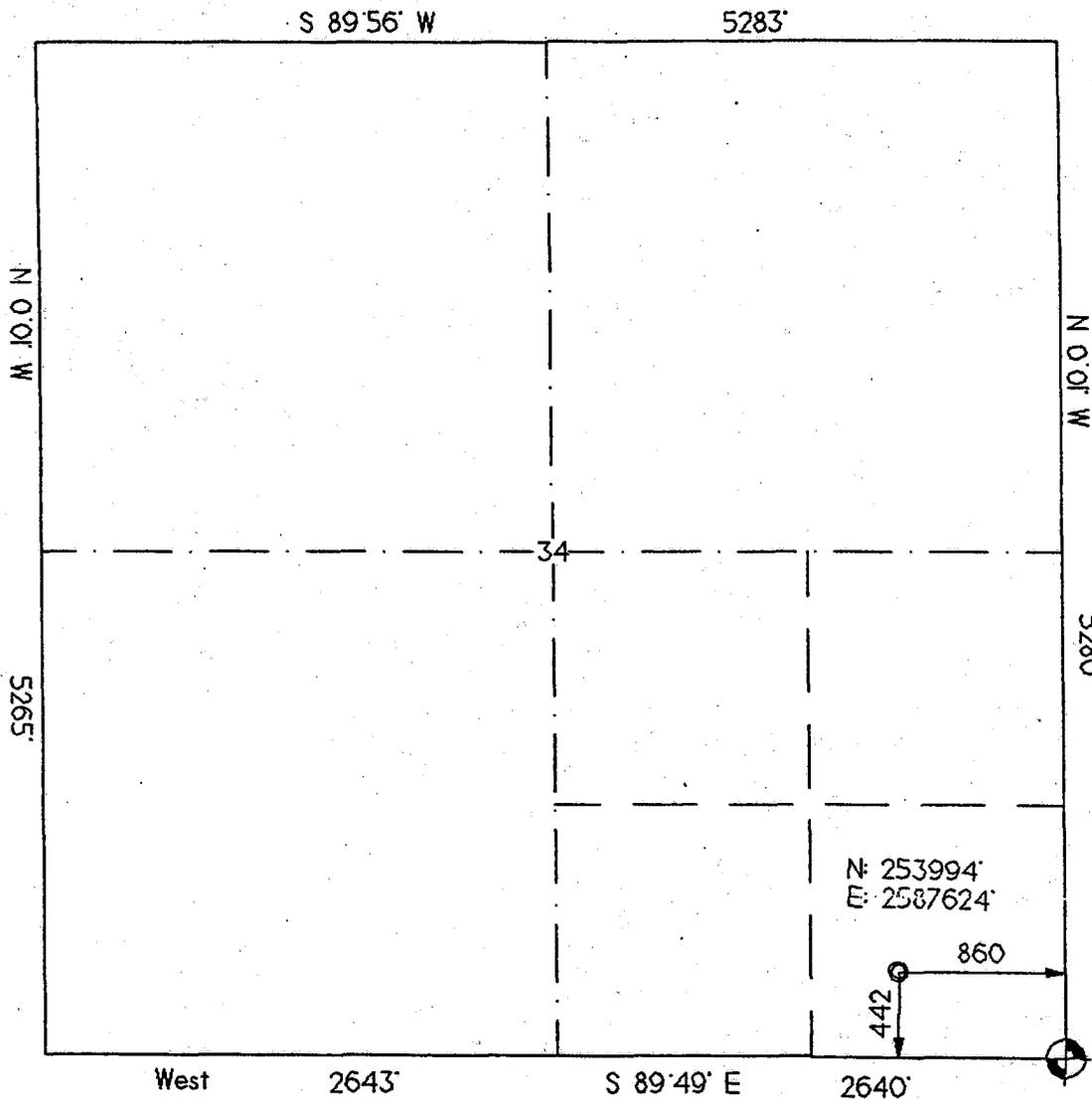
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY /S/ WILLIAM C. STRINGER TITLE Assistant Field Manager, Division of Resources DATE MAY - 4 2001

\*See Instructions On Reverse Side



N: 253994'  
E: 2587624'

Well Location Description

BASIN EXPLORATION, INC.  
EVANS FEDERAL 44-34  
442' FSL & 860' FEL  
Section 34, T.39 S., R.22 E., SLM  
San Juan County, UT  
4557' grd. el. (from GPS)



10 JANUARY 2001

*Gerald G. Huddleston*  
Gerald G. Huddleston, LS

The above is true and correct to my knowledge and belief.

HUDDLESTON LAND SURVEYING - BOX KK - CORTEZ, CO - (970) 565 -3330

Stone Energy LLC  
Evans Fed. No. 44-34  
Lease U-75000  
SE/SE Section 34, T39S, R22E  
San Juan County, Utah

**A COMPLETE COPY OF THIS PERMIT SHALL BE KEPT ON LOCATION, from the beginning of site construction through well completion, and shall be available to contractors to ensure compliance.**

CONDITIONS OF APPROVAL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be advised that Stone Energy LLC is considered to be the operator of the above well and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands.

Bond coverage for this well is provided by CO 0944 (Principal - Stone Energy LLC) via surety consent as provided for in 43 CFR § 3104.2.

This office will hold the aforementioned operator and bond liable until the provisions of 43 CFR § 3106.7-2 continuing responsibility are met.

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

All lease operations will be conducted in full compliance with applicable regulations (43 CFR § 3100), Onshore Oil and Gas Orders, lease terms, notices to lessees, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors.

## **A. DRILLING PROGRAM**

1. The proposed 3M BOPE configuration is adequate for the proposed depth and location. Installation, testing and operation of the system shall be in conformance with Onshore Oil and Gas Order No. 2. Considering the anticipated down-hole pressure, testing of the BOPE to 2M standards is acceptable.
2. Concurrent approval from the State of Utah, Division of Oil, Gas & Mining (DOG M) is required before conducting any surface disturbing activities. This would include DOGM approval of the proposed exception to standard well siting.
3. If cement is not circulated to surface behind either casing string, a cement bond log (CBL) or other appropriate tool shall be run to determine the depth to the top of cement behind that casing string. Remedial action will then be determined.

**B. SURFACE**

1. No surface disturbing activities shall take place on lease UTU-75000 until the associated ROW is approved. The holder will adhere to special stipulations in the Surface Use Program of the approved APD, relevant to any right-of-way facilities.

### C. REQUIRED APPROVALS, REPORTS AND NOTIFICATIONS

Required verbal notifications are summarized in Table 1, attached.

Building Location- Contact the BLM Natural Resource Protection Specialist at least 48-hours prior to commencing construction of location.

Spud- The spud date will be reported to BLM 24-hours prior to spudding. Written notification in the form of a Sundry Notice (Form 3160-5) will be submitted to the Moab Field Office within 24-hours after spudding, regardless of whether spud was made with a dry hole digger or big rig.

Daily Drilling Reports- Daily drilling reports shall detail the progress and status of the well and shall be submitted to the Moab Field Office on a weekly basis.

Monthly Reports of Operations- In accordance with Onshore Oil and Gas Order No. 1, this well shall be reported on Minerals Management Service (MMS) Form 3160, "Monthly Report of Operations," starting the month in which operations commence and continuing each month until the well is physically plugged and abandoned. This report will be filed directly with MMS.

Sundry Notices- There will be no deviation from the proposed drilling and/or workover program without prior approval. "Sundry Notices and Reports on Wells" (Form 3160-5) will be filed, with the Moab Field Office, for approval of all changes of plans and subsequent operations in accordance with 43 CFR § 3162.3-2. Safe drilling and operating practices must be observed.

Drilling Suspensions- Operations authorized by this permit shall not be suspended for more than 30 days without prior approval of the Moab Field Office. All conditions of this approval shall be applicable during any operations conducted with a replacement rig.

Undesirable Events- Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be immediately reported to the BLM in accordance with requirements of NTL-3A.

Cultural Resources- If cultural resources are discovered during construction, work that might disturb the resources is to stop, and the Monticello Field Office is to be notified.

First Production- Should the well be successfully completed for production, the Moab Field Office will be notified when the well is placed in producing status. Such notification may be made by phone, but must be followed by a sundry notice or letter not later than five business days following the date on which the well is placed into production.

A first production conference will be scheduled as soon as the productivity of the well is apparent. This conference should be coordinated through the Monticello Field Office. The Monticello Field Office shall be notified prior to the first sale.

Well Completion Report- Whether the well is completed as a dry hole or as a producer, "Well Completion or Recompletion Report and Log" (Form 3160-4) will be submitted to the Moab Field Office not later than thirty-days after completion of the well or after completion of operations being performed, in accordance with 43 CFR § 3162.4-1. Two copies of all logs, core descriptions, core analyses, well test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. When requested, samples (cuttings and/or samples) will be submitted to the Moab Field Office.

Venting/Flaring of Gas- Gas produced from this well may not be vented/flared beyond an initial, authorized test period of 30 days or 50-MMcf, whichever first occurs, without the prior, written approval of the Moab Field Office. Should gas be vented or flared without approval beyond the authorized test period, the well may be ordered shut-in until the gas can be captured or approval to continue the venting/flaring as uneconomic is granted. In such case, compensation to the lessor shall be required for that portion of the gas that is vented/flared without approval and which is determined to have been avoidably lost.

Produced Water- Produced waste water may be confined to an unlined pit for a period not to exceed 90 days after initial production. During the 90 day period, an application for approval of a permanent disposal method and location, along with the required water analysis, will be submitted to the Moab Field Office for approval pursuant to Onshore Oil and Gas Order No. 7.

Off-Lease Measurement, Storage, Commingling- Prior approval must be obtained from the Moab Field Office for off-lease measurement, off-lease storage and/or commingling (either down-hole or at the surface).

Plugging and Abandonment- If the well is completed as a dry hole, plugging instructions must be obtained from the Moab Field Office prior to initiating plugging operations.

A "Subsequent Report of Abandonment" (Form 3160-5) will be filed with the Moab Field Office within thirty-days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Upon completion of approved plugging, a regulation marker will be erected in accordance with 43 CFR § 3162.6. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the Price Field Office or the appropriate surface managing agency.

TABLE 1

NOTIFICATIONS

Notify Jeff Brown (435-587-1525) of the BLM, Monticello Field Office for the following:

2 days prior to commencement of dirt work, construction and reclamation;

1 day prior to spudding;

50 feet prior to reaching the surface casing (8<sup>5</sup>/<sub>8</sub>" setting depth

If the person at the above number cannot be reached, notify the Moab Field Office at (435) 259-2100. If unsuccessful, contact the person listed below.

Well abandonment operations require 24 hour advance notice and prior approval. In the case of newly drilled dry holes, verbal approval can be obtained by calling the Moab Field Office at (435) 259-2100. If approval is needed after work hours, you may contact the following:

Eric Jones, Petroleum Engineer

Office: (435) 259-2117

Home: (435) 259-2214



Stone Energy LLC  
Evans Federal 44-34  
442' FSL & 860' FEL  
Sec. 34, T. 39 S., R. 22 E.  
San Juan County, Utah

PAGE 1

## Drilling Program

### 1. FORMATION TOPS

The estimated tops of important geologic markers are:

<u>Formation Name</u>	<u>GL Depth</u>	<u>KB Depth</u>	<u>Subsea El.</u>
Entrada/Carmel Ss	0'	10'	4,554'
Navajo Ss	341'	351'	4,213'
Chinle Sh	1,411'	1,421'	3,143'
Cutler Ss	2,479'	2,489'	2,075'
Organ Rock Sh	2,545'	2,555'	2,009'
Hermosa	4,511'	4,521'	43'
Hatch Sh	5,365'	5,375'	-811'
Upper Ismay	5,415'	5,425'	-861'
Hovenweep Sh	5,530'	5,540'	-978'
Lower Ismay	5,536'	5,546'	-982'
Gothic Sh	5,571'	5,581'	-1,017'
Desert Creek	5,596'	5,606'	-1,042'
Chimney Rock Sh	5,720'	5,730'	-1,166'
Akah	5,748'	5,758'	-1,194'
Barker Creek Ls	6,118'	6,128'	-1,564'
Lower Barker Creek	6,248'	6,258'	-1,694'
Alkali Gulch	6,520'	6,530'	-1,966'
Pinkerton Trail	6,690'	6,700'	-2,136'
Molas	6,820'	6,830'	-2,266'
Total Depth (TD)*	6,890'	6,900'	-2,336'

\* all elevations reflect the proposed graded ground level of 4,554'

### 2. NOTABLE ZONES

Oil and gas are possible in the Ismay, Desert Creek, and in multiple zones

Stone Energy LLC  
Evans Federal 44-34  
442' FSL & 860' FEL  
Sec. 34, T. 39 S., R. 22 E.  
San Juan County, Utah

PAGE 2

below the Chimney Rock shale. Fresh water may be found in the Entrada/Carmel and Navajo. Uranium may be found in the Chinle. Oil and gas shows which appear to the well site geologist to be commercial will be tested. All fresh water and prospectively valuable minerals will be recorded by depth and protected with casing and cement.

### 3. PRESSURE CONTROL

A 3000 psi double ram and annular preventer with a 3,000 psi choke manifold will be used. BOP controls will be installed before drilling the surface casing plug, and will stay in use until the well is completed or P&A. Pressure tests will be conducted before drilling out from under all casing strings which are set and cemented in place. All BOP mechanical and pressure tests will be recorded on the driller's log. BOPs will be inspected and operated at least daily to assure good mechanical working order. The inspection will be recorded on the daily drilling report.

### 4. CASING & CEMENT

<u>Hole Size</u>	<u>O.D.</u>	<u>Weight</u>	<u>Grade</u>	<u>Thread</u>	<u>Age</u>	<u>GL Set. Depth</u>
12-1/4"	8-5/8"	32 #/ft	K-55	ST&C	New	1,625'
7-7/8"	5-1/2"	15.5 #/ft	K-55	LT&C	New	5,700'
7-7/8"	5-1/2"	23 #/ft	P-110	LT&C	New	6,900'

Surface casing will be cemented in 2 stages with the stage tool set at  $\approx$ 800'. First stage will be 305 sx Class B with 0.3% Halad 344 and 1/4 #/sack Flocele (yield = 14.5 pounds per gallon and 1.39 cubic feet per sack). Second stage will be  $\approx$ 385 sx 65/35 poz mix with 6% bentonite, 0.2% Veraset, 0.9% Halad 344, and 1/4 pound per sack Flocele (yield = 15.6 pounds per gallon and 1.18 cubic feet per sack). Total cement volume = 878 cubic feet which exceeds capacity by 31%.

Stone Energy LLC  
Evans Federal 44-34  
442' FSL & 860' FEL  
Sec. 34, T. 39 S., R. 22 E.  
San Juan County, Utah

PAGE 3

Production casing will be cemented to the surface in 2 stages with the stage tool set at  $\approx 4,500'$ . First stage will contain 480 sx 50/50 poz standard with 15% salt, 1/4 #/sack Flocele, 5 pounds per sack gilsonite, 0.25 CFR-3, 0.3% Halad 344, and 2% bentonite (yield = 13.0 pounds per gallon, 1.59 cubic feet per sack, and 7.13 gallons water per sack). Second stage will contain 600 sx light standard with 1/4 #/sack Flocele, 5 pounds per sack gilsonite (yield = 12.4 pounds per gallon, 1.88 cubic feet per sack, and 9.52 gallons water per sack). Total cement volume = 1,891 cubic feet which exceeds capacity by 58%. Actual volumes will be determined by caliper log. Centralizers will be run every other joint from TD to 4,000'.

#### 5. MUD PROGRAM

<u>Interval</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss</u>	<u>Type</u>
0-1500'	8.4-8.9	27-30	N/C	Fresh water gel & lime
1500'-5000'	8.4-8.5	27	N/C	Fresh water + PHPA
4700'-TD	8.8-9.2	36-40	<10 cc	Salt saturated

Samples will be collected every 30' from base of surface casing to  $\approx 4300'$ . Samples will be collected every 10' from  $\approx 4300'$  to TD. A two man mud logging unit will be on location from  $\approx 4700'$  to TD.

#### 6. CORING, TESTING, & LOGGING

Two 120' cores may be cut. Core points will be at the base of the upper Desert Creek anhydrite and base of the Barker salt. DSTs may be run in any possible producing zone if deemed necessary while drilling. Sonic (2" and 5") logs will be run from TD to surface. Two inch DLL log will be run from TD to surface. Five inch DLL log will be run from TD to 4500'. FDC/CNL (5") will be run from TD to 4500'. EMI log will be run from TD to 4800'.

Stone Energy LLC  
Evans Federal 44-34  
442' FSL & 860' FEL  
Sec. 34, T. 39 S., R. 22 E.  
San Juan County, Utah

PAGE 4

7. DOWNHOLE CONDITIONS

No abnormal temperatures or pressures are expected. Maximum pressure will be  $\approx$ 2,760 psi. Hydrogen sulfide may be encountered below the Chimney Rock shale. A hydrogen sulfide contingency plan will be prepared by Standby Safety Services and they will provide well site services below the Chimney Rock shale.

8. OTHER INFORMATION

The anticipated spud date is June 26, 2001. It is expected it will take  $\approx$ 3 weeks to drill and  $\approx$ 2 weeks to complete the well.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: STONE ENERGY LLC

Well Name: EVANS FED 44-34

Api No. 43-037-31813 LEASE TYPE: FEDERAL

Section 34 Township 39S Range 22E County SAN JUAN

Drilling Contractor CATFISH DRILLING RIG # 1

SPUDDED:

Date 06/25/2001

Time 4:30 AM

How DRY

Drilling will commence \_\_\_\_\_

Reported by BILL OLSEN

Telephone # \_\_\_\_\_

Date 06/25/2001 Signed: CHD

ENTITY ACTION FORM

Operator: Stone Energy, LLC  
Address: 370 17th St., Suite 2800  
city Denver  
state CO zip 80202

Operator Account Number: N 1555

Phone Number: (303) 685-8104

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
037-31813	Evans Federal #44-34		SESE	34	39S	22E	San Juan
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
A	99999	13183	6-25-01			7/9/01 6/25/2001	
Comments: 7-9-01							

Well 2

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

Well 3

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

ACTION CODES:

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

Terry L. Hoffman

Name (Please Print)

Signature

Engineering Technician

Title

6/29/2001

Date

RECEIVED

JUL 09 2001

DIVISION OF  
OIL, GAS AND MINING

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

FORM APPROVED  
OMB No. 1004-0135  
Expires: July 31, 1996

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

5. Lease Serial No.  
**UTU-75000**

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

7. If Unit or CA. Agreement Designation  
**NA**

8. Well Name and No.  
**Evans Federal #44-34**

9. API Well No.  
**43-037-31813**

10. Field and Pool, or Exploratory Area  
**Wildcat**

11. County or Parish, State  
**San Juan County, Utah**

*SUBMIT IN TRIPLICATE- Other Instructions on the reverse side*

1. Type of Well

Oil Well     Gas Well     Other

2. Name of Operator

**Stone Energy, L.L.C.**

3a. Address

3b. Phone No. (include area code)

**1670 Broadway, Suite 2800 - Denver, CO 80202**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**SE SE Section 34-T39S-R22E**

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

TYPE OF SUBMISSION	TYPE OF ACTION				
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production ( Start/ Resume)	<input type="checkbox"/> Water Shut-off	
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity	
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other	<b>Notice of Spud</b>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and abandon	<input type="checkbox"/> Temporarily Abandon		<b>Surface Casing &amp;</b>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug back	<input type="checkbox"/> Water Disposal		<b>Cement</b>

13. Describe Proposed or Completed Operation (clearly state all pertinent details including estimated starting date of any proposed work and approximate duration thereof.

If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths or pertinent markers and sands.

Attach the Bond under which the work will performed or provide the Bond No. on file with the BLM/ BIA. Required subsequent reports shall be filed within 30 days

following completion of the involved operations. If the operation results in a multiple completion or recompleat in anew interval, a Form 3160-4 shall be filed once

testing has been completed. Final Abandonment Notice shall be filed only after all requirements, including reclamantion, have been completed, and the operator has

determined that the site is ready for final inspection.)

The above mentioned well spud 6/25/01 @ 4:30 a.m..

Ran 35 jts 8-5/8", 32#, J-55, LT&C casing, set @ 1467'. Cmt'd 1st Stage w/330 sxs Standard, 3/10% Halad-344, 1/4# sx Flocele, dropped plug on fly, circulated approximately 15 bbls cmt. Cmt'd 2nd Stage with 65/35 Poz, 6% gel, 2/10% Versaset, 1/4# Flocele, 9/10% Halad 9, 3# Gilsonite & tailed w/50 sxs Standard with 3/10% Halad 344, 1/4# Flocele, circulated approximately 15 bbls cmt to surface, waited 1 hour cmt fell, no flow. Cmt'd w/100 sxs Neat down 1" pipe, cmt to surface, fell 40' after 1 hour. Topped job w/18 sxs Class "G" cement.

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

Name (Printed/ Typed)

**Terry L. Hoffman**

Title

**Engineering Technician**

JUL 09 2001

Signature

*Terry L. Hoffman*

Date

**6/29/2001**

DIVISION OF  
OIL, GAS AND MINING

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

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

Office

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



This TEXT appears to run over but shouldn't. If you have problems with it, please call Gary Strong at the WOGCC (307) 234-7147.

FORM 3160-4  
(July, 1992)

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

SUBMIT IN DUPLICATE\*  
(See other instructions on reverse side)

FORM APPROVED  
OMB NO. 1004-0137  
Expires: February 28, 1995  
5. LEASE DESIGNATION AND SERIAL NO.  
**UTU-75000**

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG\***

6. INDIAN ALLOTTEE OR TRIBE NAME  
**NA**

7. UNIT AGREEMENT  
**NA**

8. FARM OR LEASE NAME  
**Evans Federal #44-34**

9. API WELL NO.  
**43-037-31813**

3. ADDRESS OF OPERATOR  
**Stone Energy, L.L.C.  
1670 Broadway, Suite 2800 - Denver, CO 80202**

4. LOCATION OF WELL, Show quarter-quarter description and footage measurements  
At surface **442' FSL & 860' FEL SE SE**

At top prod. interval, reported below **Same As Above**

At total depth **Same As Above**

10. FIELD NAME  
**Wildcat**

11. SEC. T, R, M., OR BLOCK AND SURVEY OR AREA  
**Section 34-T39S-R22E**

14. PERMIT NO. <b>31813</b>	DATE ISSUED <b>2/2/2001</b>	12. COUNTY OR PARISH <b>San Juan</b>	13. STATE <b>Utah</b>
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15. DATE SPUDDED <b>6/25/2001</b>	16. DATE T.D. REACHED <b>8/7/01</b>	17. DATE COMPL. (Ready to Prod.) <b>8-1-01</b>	18. ELEVATIONS (DF, RKB, RT, GR, etc.)* <b>4551' GR - 4564' KB</b>	19. ELEV. CASINGHEAD <b>4551'</b>
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20. Total Depth (MD & TVD) <b>6745'</b>	21. Plug back T.D. (MD & TVD)	22. If Multiple Compl., How Many*	23. ROTARY TOOLS <b>0-6745'</b>	CABLE TOOLS
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24. PRODUCING INTERVAL (S), THIS COMPLETION, TOP, BOTTOM, NAME (MD & TVD)

25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN (Circle those filed)  
**Dual Laterolog; Spectral Density-Dual Spaced Neutron; Borehole Compensated Sonic; CBL**

27. Was Well Cored  
**Yes**

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	32#	1467'	12-1/4"	1st Stage - 330 sxs Standard, 2nd Stage 300 sxs 65/35 Poz, tailed w/50 sxs Standard.	None
5-1/2"	23# & 15.5#	6611'	7-7/8"	1st Stage - 368 sxs 50/50 Poz, 2nd Stage 1300 sxs 65/35 Standard Poz, tailed w/50 sxs 50/50 Standard Poz.	None

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size, and number)		32. ACID, SHOT, F Depth Set (MD)	
6098-6115'	6312-6319'	DEPTH INTERVAL (MD)	Amt. & Kind of Material Used
6130-6150'	All perms 6 spf, 60 degree phasing, .44" EHD	6261-6319'	500 gals 7-1/2% HCL; 65 bbls HCL
6182-6194'		6098-6319'	5500 gals 7-1/2% HCL
6261-6280'			
6298-6302'			

33. PRODUCTION

DATE FIRST PRODUCTION: \_\_\_\_\_ Producing Method (Flowing, gas, lift, pumping- size & type of pump): \_\_\_\_\_ WELL STATUS (prc prod. or shut-in): **PA**

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL, BBLs	GAS, MCF	WATER- BBL	GAS-OIL RATIO

FLOW TUBING PRESS. \_\_\_\_\_ CASING PRESSURE \_\_\_\_\_ CALCULATED 24- HOUR RATE >>>> \_\_\_\_\_ OIL, BBLs \_\_\_\_\_ GAS, MCF \_\_\_\_\_ WATER- BBL \_\_\_\_\_ OIL GRAVITY- API \_\_\_\_\_

34. DISPOSITION OF GAS (Sold, used for fuel, vented, ect.) \_\_\_\_\_ Test Witnessed By **FEB 06 2002**

35. LIST OF ATTACHMENTS  
**None**

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

SIGNED *Jerry L. Hoffman* TITLE **Engineering Technician** DATE **29-Jan-02**

\*See Instructions and Spaces for Additional Data on Reverse Side

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**FEB 06 2002**  
**DIVISION OF OIL, GAS AND MINING**

17. SUMMARY OF POROUS ZONES. (Show all important zones of porosity and contents thereof, cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries).

38. GEOLOGIC MARKERS	TOP	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	MEAS. DEPTH	TRUE	VERT. DEPTH
					5426'	5426'	5426'
					5552'	5552'	5552'
					5653'	5653'	5653'
					5776'	5776'	5776'