

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
 Basin Exploration, Inc. (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 368' FNL & 1553' FWL
 At proposed prod. zone 240' FNL & 1240' FWL

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 6 air miles ENE of Bluff, Ut.

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
 240'

16. NO. OF ACRES IN LEASE
 320

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
 5,650'

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 4,447' ungraded ground

22. APPROX. DATE WORK WILL START*
 Nov. 1, 2000

5. LEASE DESIGNATION AND SERIAL NO.
 UTU-75140

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

7. UNIT AGREEMENT NAME
 N/A

8. FARM OR LEASE NAME, WELL NO.
 Bierstadt 21-13

9. API WELL NO.
 .

10. FIELD AND BOOY OR WILDCAT
 Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 13-40s-22e SLBM

12. COUNTY OR PARISH 13. STATE
 San Juan Ut.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8" (J-55)	24#	1,500'	≈ 1,360 cu ft & to surface
7-7/8"	5-1/2" (K-55)	15.5#	5,650'	≈ 1,091 cu ft & to surface

Request exception because of geology and topography (location was picked to avoid Recapture Wash and to penetrate reservoir identified by 3-D seismic). Exception is to section line (240' instead of ≥460'), not to a well. Orthodox location would be marginal producer or dry.

Orthodox well could be drilled at 460 FN & 860 FW 13-40s-22e, but it would be in a major wash. Request permission to drill (BHL) at 240' FNL & 1240' FWL 13-40s-22e. This is the only well in the quarter section. There are no producing wells within >4,000'. Wells (see Page 11) could be drilled in 8 offsetting units. Basin is owner of all drilling units and leases within minimum 2135' radius of proposed exception. This includes all 8 directly or diagonally offsetting drilling units.

Directional drilling data at end of APD.

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DIVISION OF: BLM (M&M), Gentry, UDOGM
OIL, GAS AND MINING

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. [Signature] Consultant (505) 466-8120 10-10-00

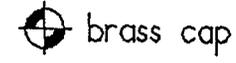
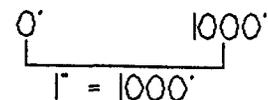
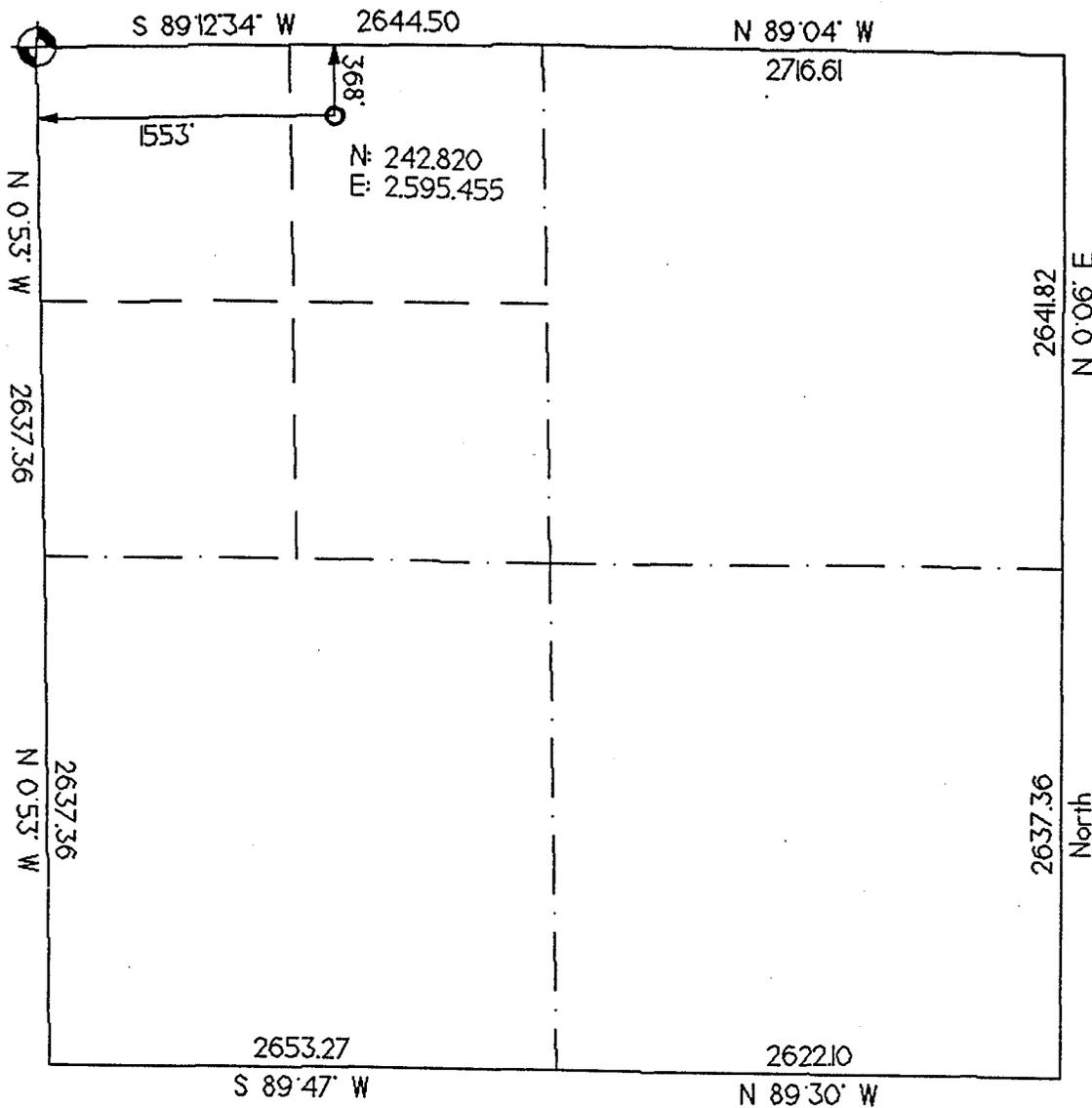
SIGNED _____ TITLE _____ DATE _____

(This space for Federal or State office use)
 PERMIT NO. 43-039-31793 **Federal Approval of this Action is Necessary**

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 11/14/00

*See Instructions On Reverse Side



brass cap
section breakdown from BLM

Well Location Description

BASIN EXPLORATION, INC.
 BIERSTADT FEDERAL 2H-13
 368' FNL & 1553' FWL
 Section 13, T.40 S., R.22 E., SLM
 San Juan County, UT
 4447' grd. el. (from GPS)



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20 September 2000

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

Bierstadt 21-13

Surface: 368' FNL & 1553' FWL

BHL: 240' FNL & 1240' FWL

Sec. 13, T. 40 S., R. 22 E., San Juan County, Utah

Drilling Program

1. FORMATION TOPS

The estimated tops of important geologic markers are:

<u>Formation Name</u>	<u>TVDDepth</u>	<u>KB Depth</u>	<u>Subsea El.</u>
Entrada/Carmel Ss	0'	12'	4,447'
Navajo Ss	212'	224'	4,235'
Chinle Sh	1,282'	1,294'	3,165'
Cutler Ss	2,350'	2,362'	2,097'
Organ Rock Sh	2,416'	2,428'	2,031'
Hermosa	4,382'	4,394'	65'
Hatch Sh	5,236'	5,248'	-789'
Upper Ismay	5,286'	5,298'	-839'
Hovenweep Sh	5,401'	5,413'	-954'
Lower Ismay	5,407'	5,419'	-960'
Gothic Sh	5,442'	5,454'	-995'
Desert Creek	5,467'	5,479'	-1,020'
Chimney Rock Sh	5,591'	5,603'	-1,144'
Akah Sh	5,619'	5,631'	-1,172'
Total Depth (TD)*	5,650'	5,662'	-1,203'

* all elevations reflect the proposed graded ground level of 4,447'

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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. 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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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	1,500'
7-7/8"	5-1/2"	15.5 #/ft	K-55	LT&C	New	5,650'

Surface casing will be cemented to the surface with 400 sx Premium Lite with 2% CaCl₂ + 1/4 #/sk celloflake + 8% bentonite (= 12.0 ppg and 2.27 cf/sk) and 390 sx Class G with 2% CaCl₂ + 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 285 sx Premium Lite with 0.4% retarder + 0.3% sodium metasilicate + 10% bentonite (= 11.0 ppg and 3.15 cf/sk) and 180 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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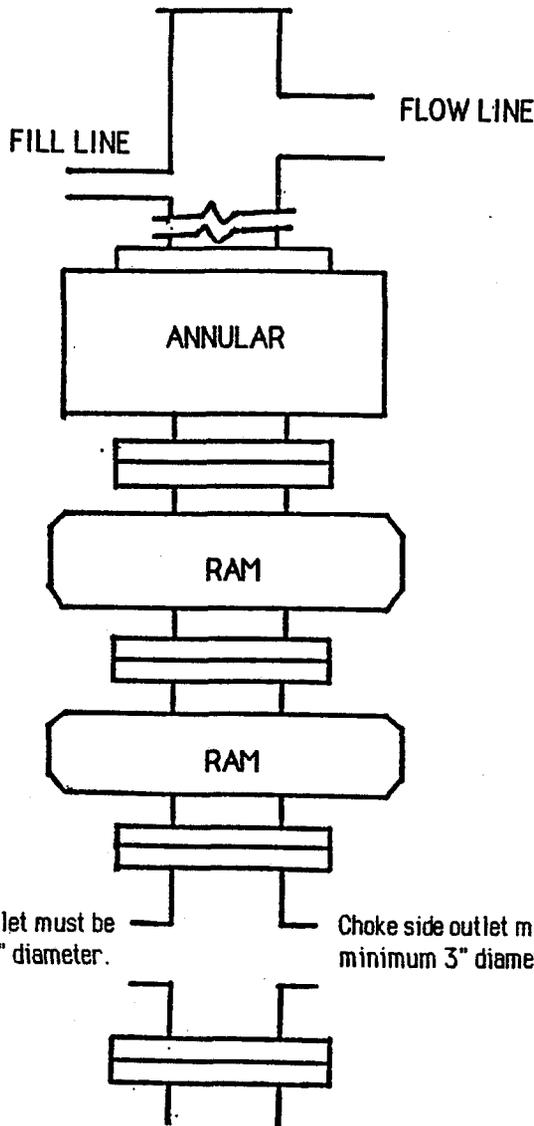
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Bierstadt 21-13

Surface: 368' FNL & 1553' FWL

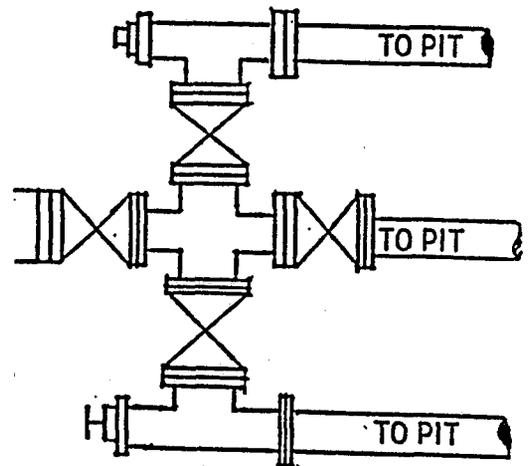
BHL: 240' FNL & 1240' FWL

Sec. 13, T. 40 S., R. 22 E., San Juan County, Utah



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.

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PERMITS WEST, INC.
PROVIDING PERMITS for the ENERGY INDUSTRY

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Bierstadt 21-13

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Sec. 13, T. 40 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 ≈4300'. Samples will be collected every 10' from ≈4300' to TD. A two man mud logging unit will be on location from ≈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 ≈2,220 psi.

8. OTHER INFORMATION

The anticipated spud date is November 1, 2000. It is expected it will take ≈2 weeks to drill and ≈2 weeks to complete the well.

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Bierstadt 21-13

Surface: 368' FNL & 1553' FWL

BHL: 240' FNL & 1240' FWL

Sec. 13, T. 40 S., R. 22 E., San Juan County, Utah

Surface Use Plan

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

From the junction of U-163 & U-262 in Montezuma Creek ...

Go W 8.3 miles on U-163

Then turn right onto County Road 217 and go NW 1.6 miles

Then turn right and go N 150' on a dirt road to the well pad

Only the last 150' of road needs upgrading. Roads will be maintained to a standard at least equal to their present condition.

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 150' of access will be flat bladed with a 16' wide running surface. Maximum disturbed width will be 20'. Topsoil will be windrowed by the side. Maximum cut or fill is 3'. Maximum grade is 5%. No culvert, cattleguard, or turnout is needed.

If the well is a producer, the final 150' of access will be upgraded to Class 3 Road Standards within 60 days of dismantling the rig. 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.

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Bierstadt 21-13

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Sec. 13, T. 40 S., R. 22 E., San Juan County, Utah

3. EXISTING WELLS (See Page 11)

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

4. PROPOSED PRODUCTION FACILITIES

A wellhead, pump, separator, meter run, dehydrator, and above ground tank battery will be installed. 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.

5. WATER SUPPLY

Water will be trucked 4 miles from an artesian well in 20-40s-23e.

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.

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Topsoil and brush will be stripped and stockpiled east of the reserve pits

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Bierstadt 21-13

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Sec. 13, T. 40 S., R. 22 E., San Juan County, Utah

Rock will be hauled from an existing source off BLM land.

The reserve pit will be lined with at least 24 tons of commercial bentonite worked into 3:1 sides. At least 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 strands 4" and 16" above the woven wire. Steel posts will be set $\approx 16.5'$ apart. Corner posts will be $\geq 6"$ OD wood and anchored with a deadman. The 4th side will be fenced the same when drilling stops. The fence will be kept in good repair while the pit dries.

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. It will be hauled to the county landfill. There will be no trash burial or burning.

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.

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Bierstadt 21-13

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Sec. 13, T. 40 S., R. 22 E., San Juan County, Utah

9. WELL SITE LAYOUT

See PAGES 13 & 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 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 construction is on lease and on BLM surface.

12. OTHER INFORMATION

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Bierstadt 21-13

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Sec. 13, T. 40 S., R. 22 E., San Juan County, Utah

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

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

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 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

Basin Exploration, Inc.

1670 Broadway, Suite 2800

Denver, Co. 80202-4801

(303) 685-8000

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Bierstadt 21-13

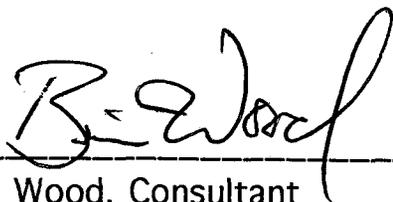
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Sec. 13, T. 40 S., R. 22 E., San Juan County, Utah

Be advised that Basin Exploration, Inc. is considered to be the operator of the Bierstadt 21-13 well in the N2NE4 13-40s-22e, Lease UTU-75140, San Juan County, Utah, and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands. Bond 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.

I hereby certify Basin Exploration, Inc. 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 activities will be provided by Basin Exploration, Inc. 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 Basin Exploration, Inc. 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.



Brian Wood, Consultant

October 10, 2000

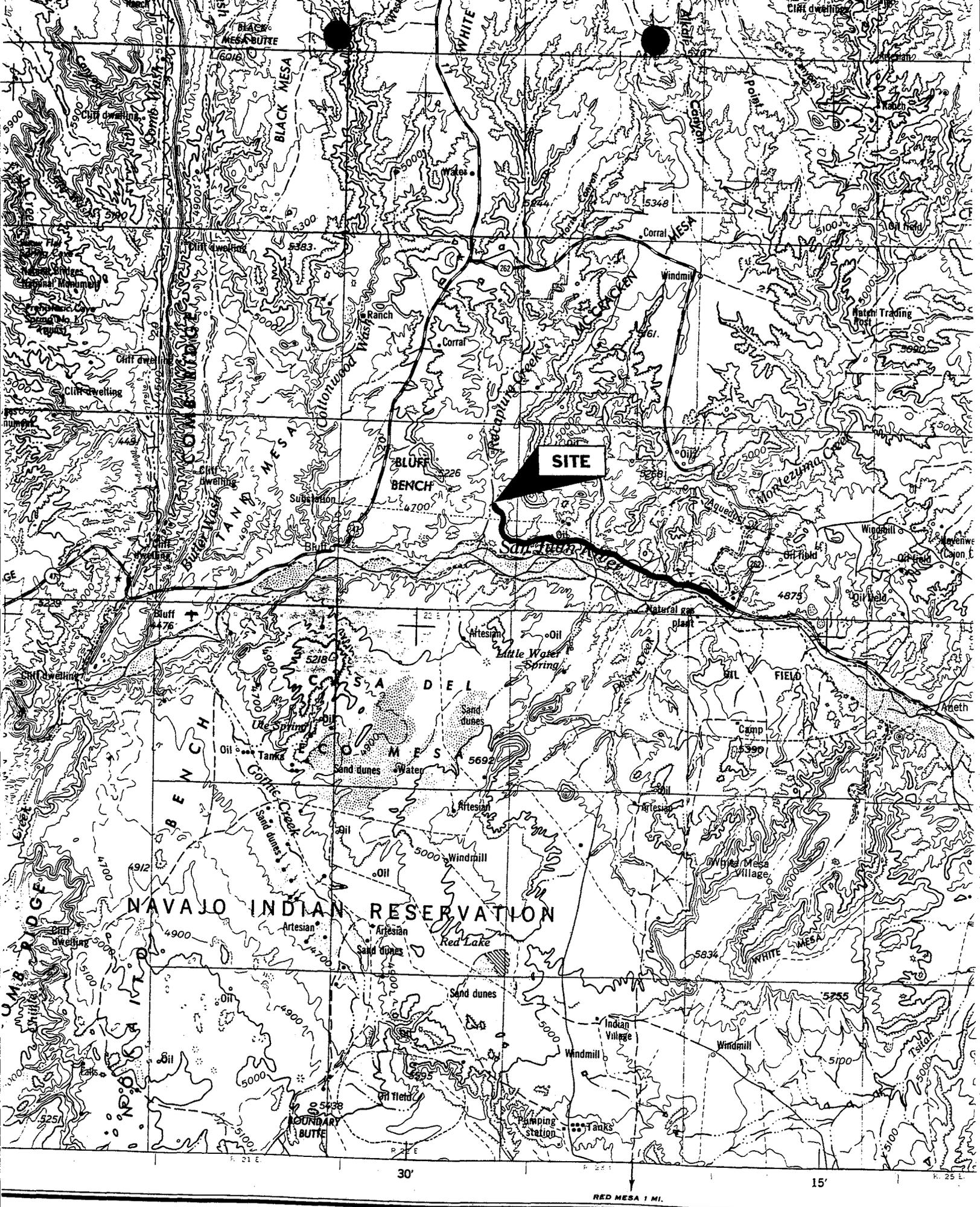
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LEGEND

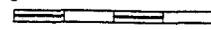
Figures in red denote approximate distances in miles between stars

POPULATED PLACES

ROADS

Primary, all-weather, hard surface

5



LOS ANGELES

RED MESA 1 MI.

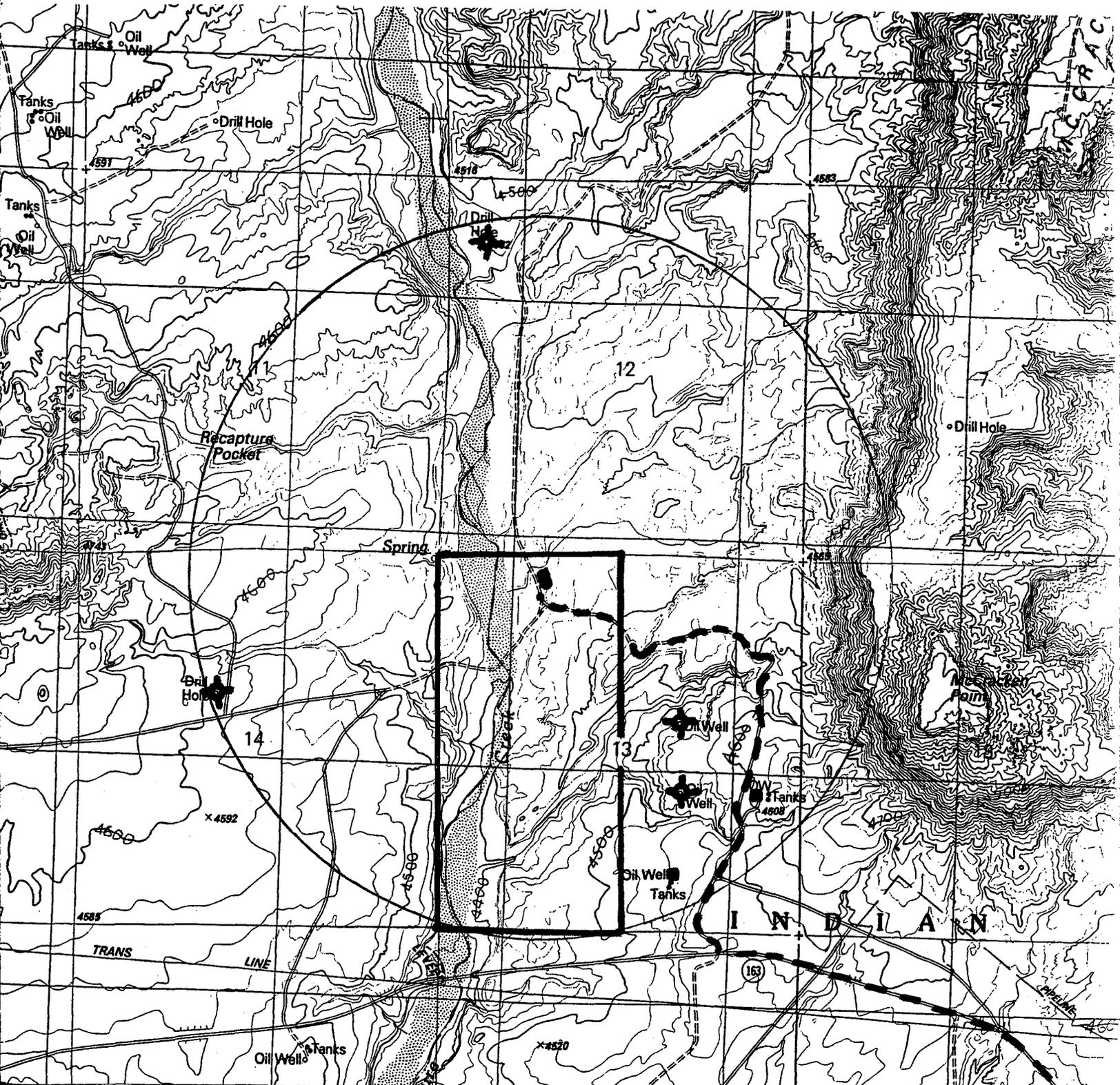
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PROPOSED WELL: 
EXISTING WELL: 
P&A WELL: 

ROAD WORK: 
EXISTING ROAD: 
LEASE BOUNDARY: 

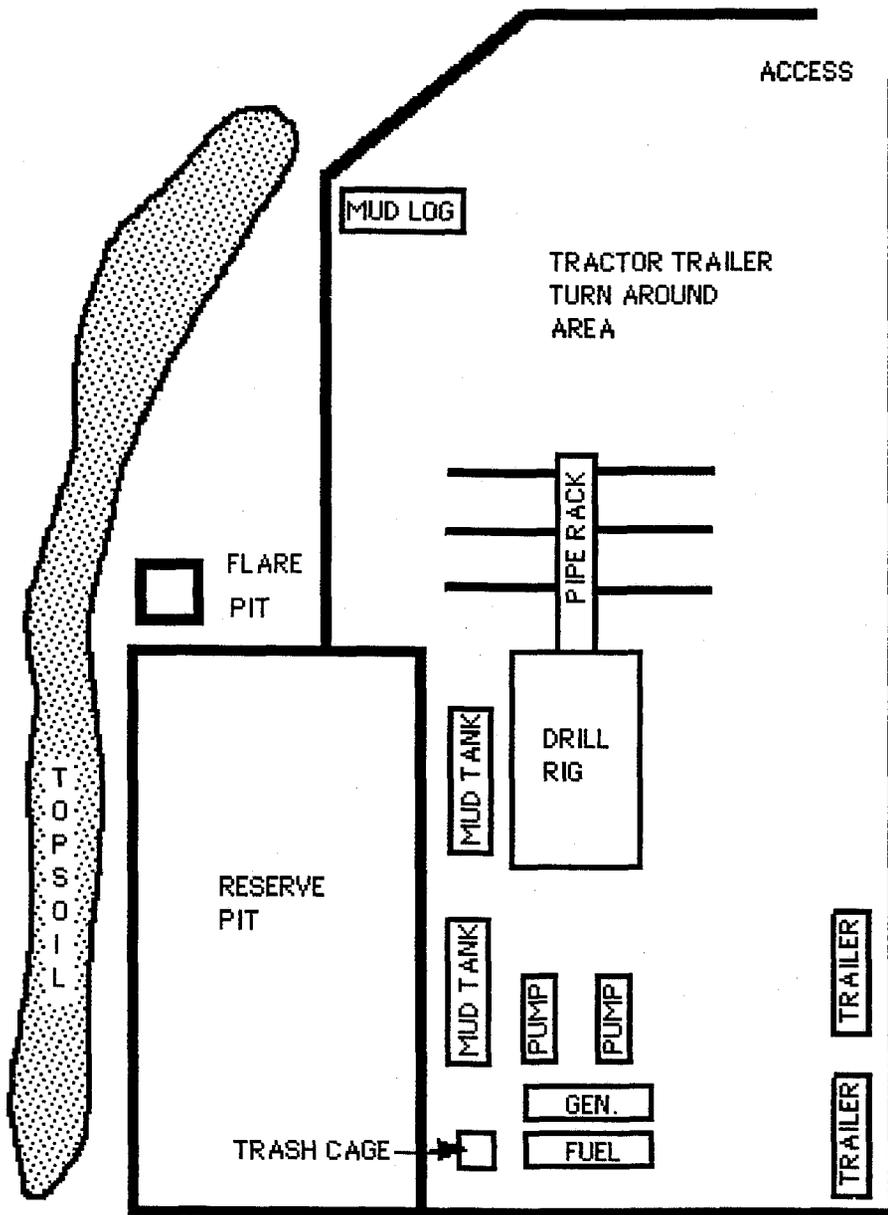
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1" = 50'

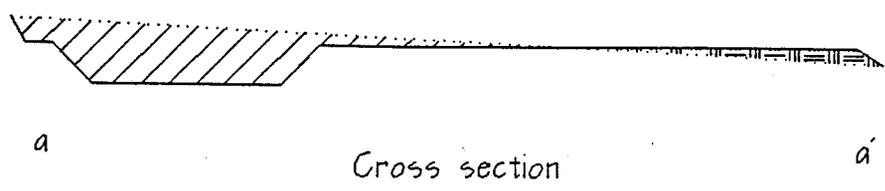
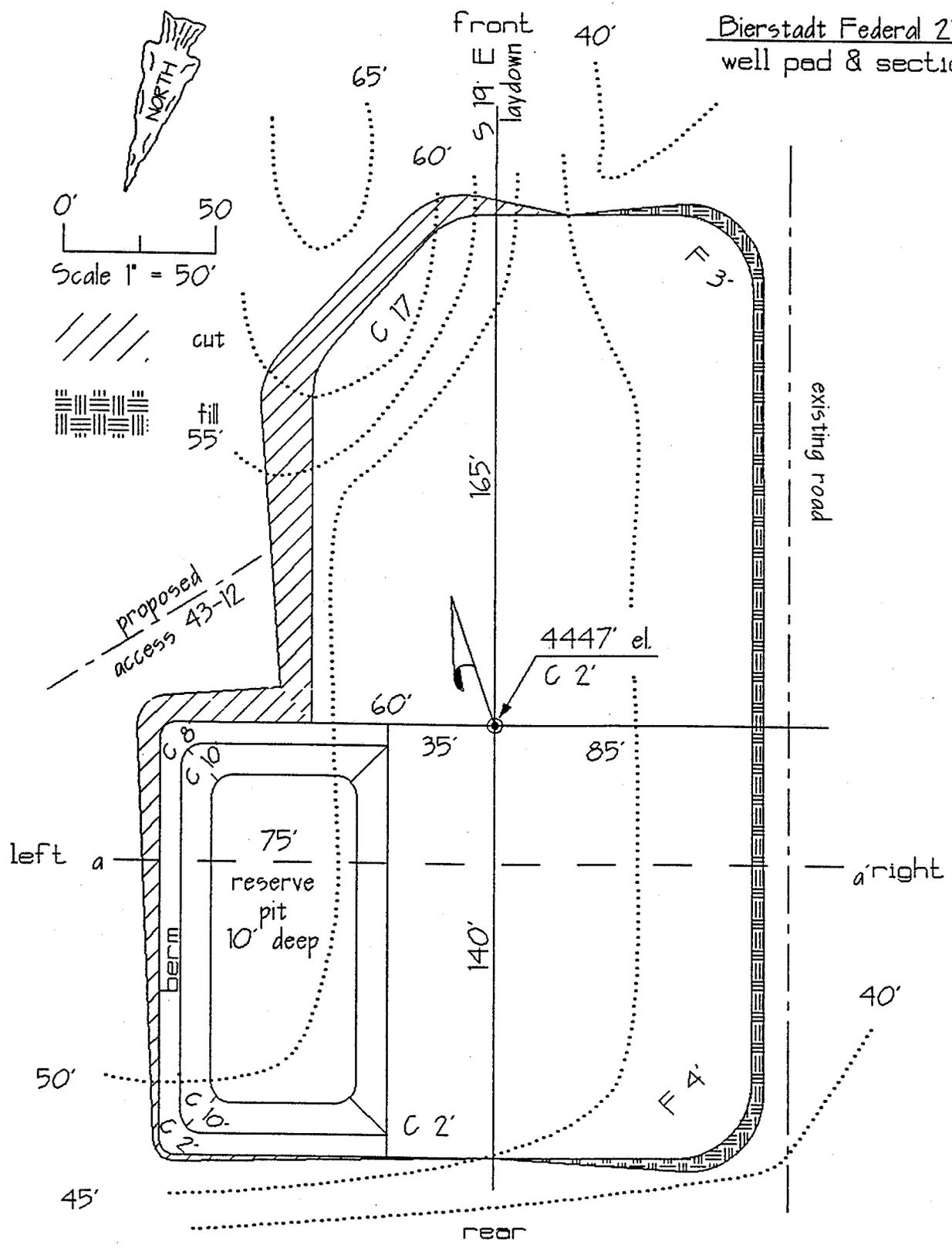


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Bierstadt Federal 21-13
well pad & section



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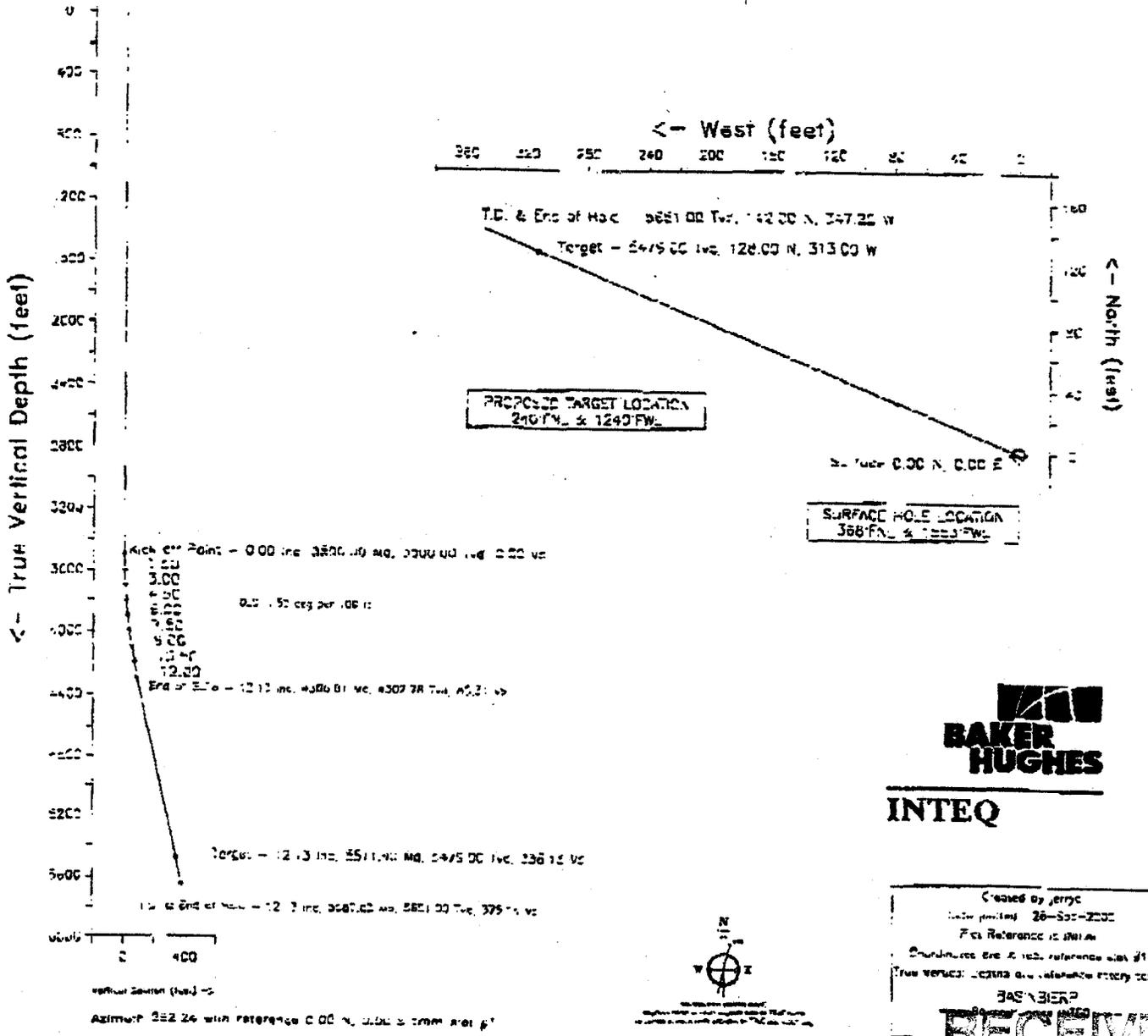
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BASIN EXPLORATION, INC.

Structure : SEC.13-T4GS-R22E Slot : slot #1
 Field : SAN JUAN COUNTY Location : WIAH

WELL PROFILE DATA

Point	MD	Incl	Dr	TVD	North	East	V. Sec.	Dec/100
Top of Hole	0.00	0.00	752.24	0.00	0.00	0.00	0.00	0.00
KOP	3500.00	0.00	292.24	3500.00	0.00	0.00	0.00	0.00
End of Buho	4328.81	12.13	292.24	4307.78	32.25	-78.96	80.57	1.50
Target	5511.90	12.13	292.24	5479.00	128.00	-313.00	336.18	0.00
T.D. & End of Hole	5687.93	12.13	292.24	5651.00	142.00	-347.92	375.14	0.00



INTEQ

Created by Jerry
 Date printed: 26-SEP-2000
 Plot Reference is 001111
 Coordinates are X, Y, Z, reference slot #1
 True vertical section and reference every 100 ft

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BASIN EXPLORATION, INC.
SEC.13-T40S-R22E

slot #1
SAN JUAN COUNTY
UTAH

PROPOSAL LISTING

by
Baker Hughes INTEQ

Your ref : INITIAL
Our ref : prop4820
License :

Date printed : 28-Sep-2000
Date created : 25-Sep-2000
Last revised : 28-Sep-2000

Field is centred on n37 40 0.000,w109 15 0
Structure is centred on n37 40 0.000,w109 15 0

Slot location is n37 40 0.000,w109 15 0.000
Slot Grid coordinates are N 371943.370, E 2651214.940
Slot local coordinates are 0.00 N 0.00 E

Projection type: lambert - Utah South (4303), Spheroid: Clarke - 1866

Reference North is True North

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BASIN EXPLORATION, INC.
 SEC.13-T40S-R22E, slot #1
 SAN JUAN COUNTY, UTAH

PROPOSAL LISTING Page 1
 Your ref : INIT
 Last revised : 28-SEP-2000

Measured Depth	Inclin. Degrees	Azimuth Degrees	True Vert Depth	RECTANGULAR COORDINATES		Dogleg Deg/100ft	Vert Sect
0.00	0.00	292.24	0.00	0.00 N	0.00 E	0.00	0.00
500.00	0.00	292.24	500.00	0.00 N	0.00 E	0.00	0.00
1000.00	0.00	292.24	1000.00	0.00 N	0.00 E	0.00	0.00
1500.00	0.00	292.24	1500.00	0.00 N	0.00 E	0.00	0.00
2000.00	0.00	292.24	2000.00	0.00 N	0.00 E	0.00	0.00
2500.00	0.00	292.24	2500.00	0.00 N	0.00 E	0.00	0.00
3000.00	0.00	292.24	3000.00	0.00 N	0.00 E	0.00	0.00
3500.00	0.00	292.24	3500.00	0.00 N	0.00 E	0.00	0.00
3600.00	1.50	292.24	3599.99	0.50 N	1.21 W	1.50	1.31
3700.00	3.00	292.24	3699.91	1.98 N	4.85 W	1.50	5.23
3800.00	4.50	292.24	3799.69	4.46 N	10.90 W	1.50	11.77
3900.00	6.00	292.24	3899.27	7.92 N	19.37 W	1.50	20.92
4000.00	7.50	292.24	3998.57	12.37 N	30.25 W	1.50	32.60
4100.00	9.00	292.24	4097.54	17.80 N	43.53 W	1.50	47.02
4200.00	10.50	292.24	4196.09	24.21 N	59.20 W	1.50	63.96
4300.00	12.00	292.24	4294.16	31.59 N	77.26 W	1.50	83.47
4308.81	12.13	292.24	4302.78	32.29 N	78.96 W	1.50	85.31
4500.00	12.13	292.24	4489.70	47.50 N	116.16 W	0.00	125.49
5000.00	12.13	292.24	4978.53	87.28 N	213.42 W	0.00	230.58
5500.00	12.13	292.24	5467.36	127.05 N	310.68 W	0.00	335.66
5511.90	12.13	292.24	5479.00	128.00 N	313.00 W	0.00	338.16
5687.83	12.13	292.24	5651.00	142.00 N	347.22 W	0.00	375.14

All data is in feet unless otherwise stated.
 Coordinates from slot #1 and TVD from rotary table.
 Bottom hole distance is 375.14 on azimuth 292.24 degrees from wellhead.
 Vertical section is from N 0.00 E 0.00 on azimuth 292.24 degrees.
 Calculation uses the minimum curvature method.
 Presented by Baker Hughes INTEQ

RECEIVED

OCT 16 2000

DIVISION OF
 OIL, GAS AND MINING

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 10/16/2000

API NO. ASSIGNED: 43-037-31793

WELL NAME: BIERSTADT 21-13
 OPERATOR: BASIN EXPLORATION INC (N5070)
 CONTACT: BRIAN WOOD, AGENT

PHONE NUMBER: 505-466-8120

PROPOSED LOCATION:

NENW 13 400S 220E
 N(W) SURFACE: 0368 FNL 1553 FWL
 BOTTOM: 0240 FNL 1240 FWL
 SAN JUAN
 UNDESIGNATED (2)

LEASE TYPE: 1-Federal
 LEASE NUMBER: UTU-75140
 SURFACE OWNER: 1-Federal

PROPOSED FORMATION: IS-DC

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

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]
(No. B-7680)
- Potash (Y/N)
- Oil Shale (Y/N) *190 - 5 (B)
- Water Permit
(No. 09-1419 or 09-1428)
- RDCC Review (Y/N)
(Date: _____)
- Fee Surf Agreement (Y/N)

LOCATION AND SITING:

- R649-2-3. Unit _____
- R649-3-2. General
Siting: _____
- R649-3-3. Exception
- Drilling Unit
Board Cause No: _____
Eff Date: _____
Siting: _____
- R649-3-11. Directional Drill

COMMENTS: _____

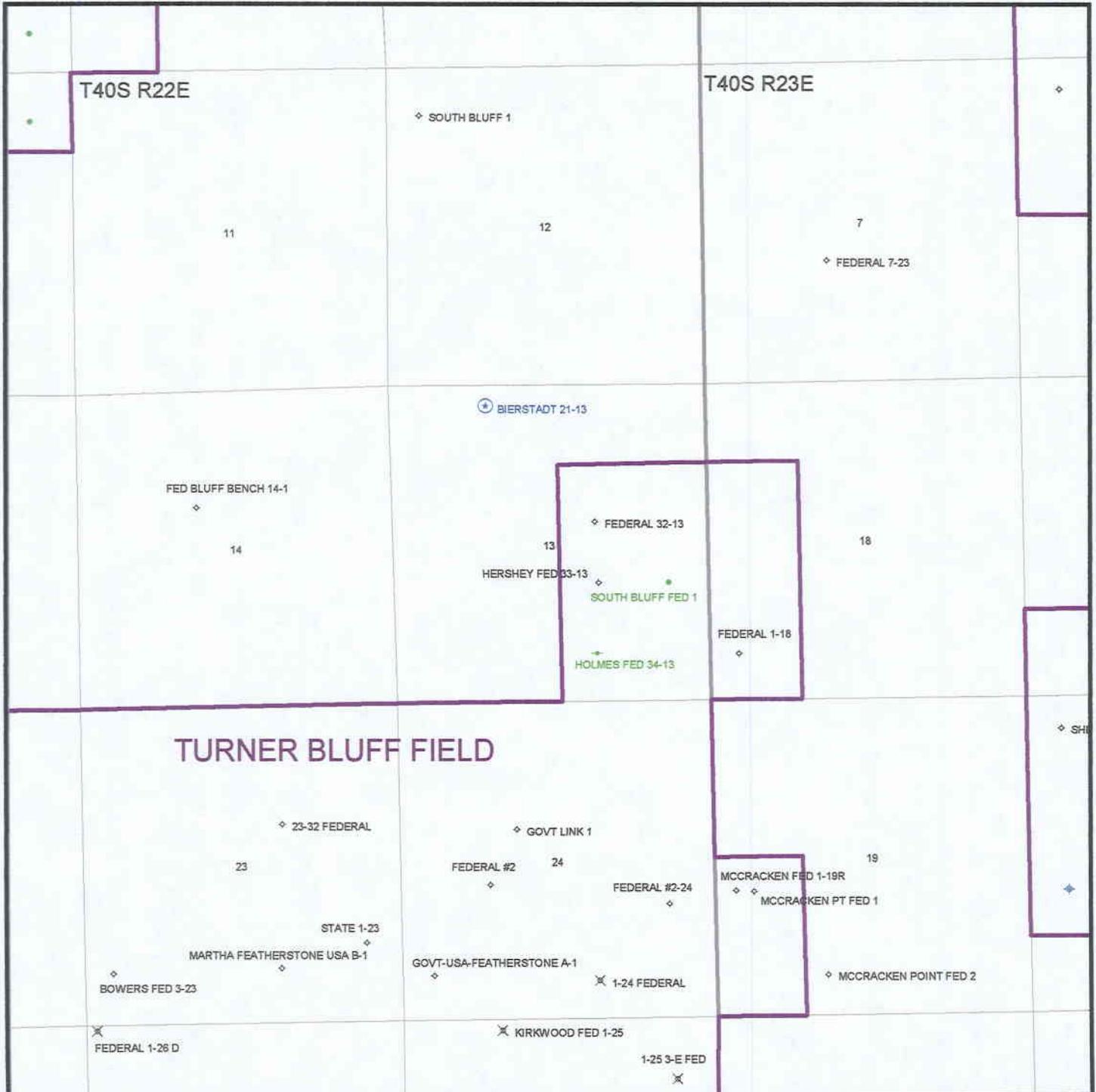
STIPULATIONS: ① FEDERAL APPROVAL

OPERATOR: BASIN EXPLORATION (N5070)

FIELD: UNDESIGNATED (002)

SEC. 13 T40S, R22E,

COUNTY: SAN JUAN SPACING: R649-3-11

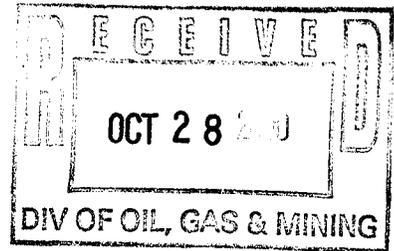


PERMITS WEST, INC.

PROVIDING PERMITS for LAND USERS

17 Verano Loop, Santa Fe, New Mexico 87505

(505) 466-8120



Fax Transmittal Cover

From: Brian

Permits West, Inc.

phone: (505)-466-8120

fax: (505)-466-9682

To: LISHA Date: 10-28

Office: _____

Fax No. _____ No. pages to follow 0

Comments:

Basin's BLM bond is B-7680

Still researching ownership of water well. It is on BLM, but have been unable to determine if it is recorded with Div. of Water Rights.

It appears to be an old oil well which was plugged back & developed as an artesian water well.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.

UTU-75140

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

Bierstadt 21-13

9. API Well No.

10. Field and Pool, or Exploratory Area

Wildcat

11. County or Parish, State

San Juan, Ut.

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

Basin Exploration, Inc. (303) 685-8000

3. Address and Telephone No.

1670 Broadway, Suite 2800, Denver, Co. 80202

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

Surface: NENW 13-40s-22e

BHL: NWNW 13-40s-22e

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

TYPE OF SUBMISSION

Notice of Intent
 Subsequent Report
 Final Abandonment Notice

TYPE OF ACTION

Abandonment
 Recompletion
 Plugging Back
 Casing Repair
 Altering Casing **Water Source**
 Other

Change of Plans
 New Construction
 Non-Routine Fracturing
 Water Shut-Off
 Conversion to Injection
 Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Basin is filing with Ut. Div. of Water Rights to use an existing water well in NWSE 20-40s-23e. In interim, Basin will use already permitted existing water wells in NENW 27-40s-23e (09-1419; A60809) or NWNE 36-40s-23e (09-1428; A60998).

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NOV 13 2000

**DIVISION OF
OIL, GAS AND MINING**

cc: BLM, Gentry, UDOGM

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

Signed *[Signature]* Title **Consultant (505) 466-8120** Date **11-10-00**

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:



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)

November 14, 2000

Basin Exploration, Inc.
1670 Broadway, Suite 2800
Denver, CO 80202

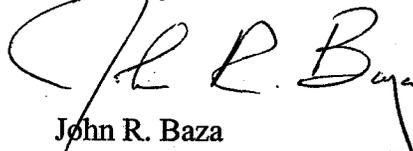
Re: Bierstadt 21-13 Well, 240' FNL, 1240' FWL, NW NW, Sec. 13, T. 40 South, R. 22 East, San Juan County, Utah

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.

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 43-037-31793.

Sincerely,



John R. Baza
Associate Director

er

Enclosures

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

Operator: Basin Exploration, Inc.
Well Name & Number Bierstadt 21-13
API Number: 43-037-31793
Lease: UTU-75140

Location: NW NW Sec. 13 T. 40 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.

5. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK
 DRILL DEEPEN

b. TYPE OF WELL
 OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
 Basin Exploration, Inc. (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: 368' FNL & 1553' FWL NENW
 At proposed prod. zone: 240' FNL & 1240' FWL

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 6 air miles ENE of Bluff, Ut.

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
 240'

16. NO. OF ACRES IN LEASE
 320

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
 5,650'

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 4,447' ungraded ground

22. APPROX. DATE WORK WILL START*
 Nov. 1, 2000

5. LEASE DESIGNATION AND SERIAL NO.
 UTU-75140

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

7. UNIT AGREEMENT NAME
 N/A

8. FARM OR LEASE NAME, WELL NO.
 Bierstadt 21-13

9. AP WELL NO.
 43-037-31793

10. FIELD AND POOL OR WILDCAT
 Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 13-40s-22e SLBM

12. COUNTY OR PARISH
 San Juan

13. STATE
 Ut.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8" (J-55)	24#	1,500'	≈ 1,360 cu ft & to surface
7-7/8"	5-1/2" (K-55)	15.5#	5,650'	≈ 1,091 cu ft & to surface

Request exception because of geology and topography (location was picked to avoid Recapture Wash and to penetrate reservoir identified by 3-D seismic). Exception is to section line (240' instead of ≥460'), not to a well. Orthodox location would be marginal producer or dry.

Orthodox well could be drilled at 460 FN & 860 FW 13-40s-22e, but it would be in a major wash. Request permission to drill (BHL) at 240' FNL & 1240' FWL 13-40s-22e. This is the only well in the quarter section. There are no producing wells within >4,000'. Wells (see Page 11) could be drilled in 8 offsetting units. Basin is owner of all drilling units and leases within minimum ≥1560' radius of proposed exception. This includes all 8 directly or diagonally offsetting drilling units.

FLARING OR VENTING OF GAS IS SUBJECT TO NTL 4-A Dated 1/1/80

Directional drilling data at end of APD.

Bond # CD 0944

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 10-10-00

(This space for Federal or State office use)

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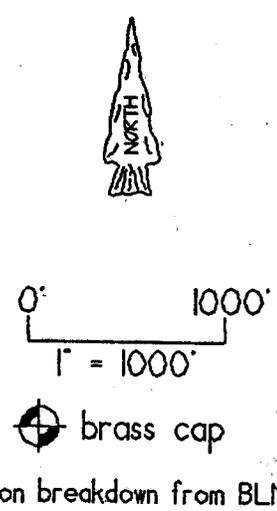
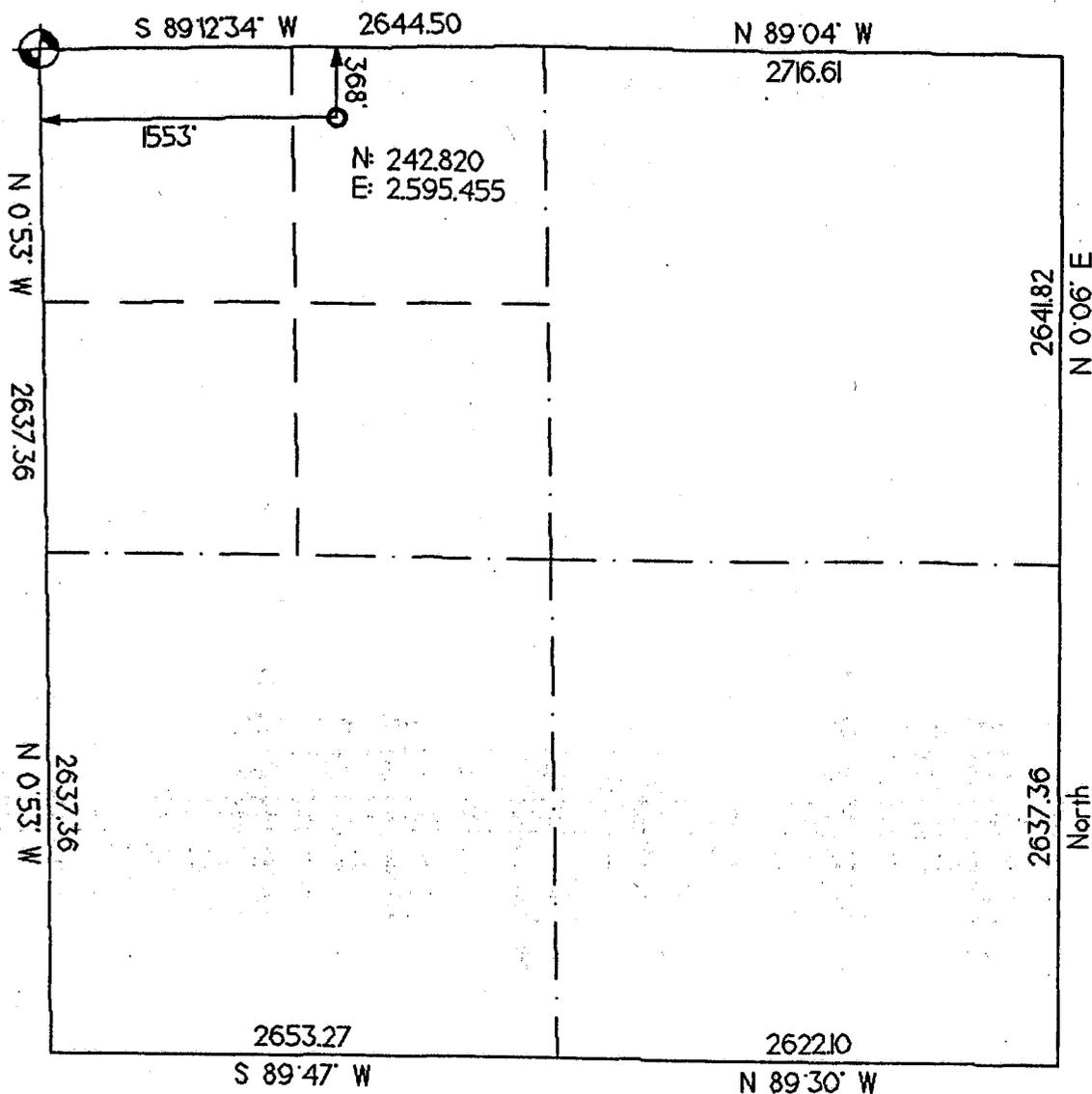
PERMIT NO. _____ APPROVAL DATE _____

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:
 /S/ WILLIAM C. STRINGER
 Assistant Field Manager,
 Division of Resources

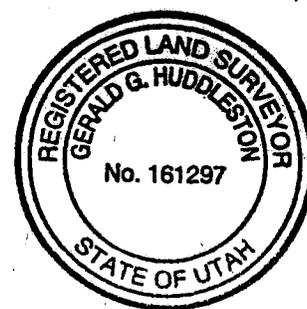
APPROVED BY _____ TITLE _____ DATE _____

*See Instructions On Reverse Side
 CONDITIONS OF APPROVAL ATTACHED



Well Location Description

BASIN EXPLORATION, INC.
 BIERSTADT FEDERAL 2I-I3
 368' FNL & 1553' FWL
 Section 13, T.40 S., R.22 E., SLM
 San Juan County, UT
 4447' grd. el. (from GPS)



RECEIVED

20 September 2000

Gerald G. Huddleston
 Gerald G. Huddleston, LS

JAN 16 2001

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

DIVISION OF
 OIL, GAS AND MINING

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

Basin Exploration, Inc.

Bierstadt No. 21-13

Lease U-75140

Location:

Surface- NE/NW Sec. 13, T40S, R22E

Bottom hole- NW/NW Sec. 13

San Juan County, Utah

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 Basin Exploration, Inc. 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 - Basin Exploration, Inc.) 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 copy of these conditions and the approved plan will be made available to field representatives to insure compliance.

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DIVISION OF
OIL, GAS AND MINING

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 approval by DOGM of the exception location you have requested.
3. If cement is not circulated to surface behind the production casing (5½-inch), 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.
4. Directional survey data shall be included with the Completion Report.

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DIVISION OF
OIL, GAS AND MINING

B. SURFACE

1. The netting material proposed shall be installed over the top and around the sides to ground level of the reserve pit. The netting material shall be one inch mesh or less and maintain in a tight condition and good repair.
2. A raptor survey and clearance of the affected area surrounding the proposed drilling sites would be accomplished prior to work initiation if the proposed wells are drilled between February 1, and August 31. If the raptor survey locates an active raptor nesting territory which will be affected by this proposal, no work will be allowed until nestlings have fledged. This will apply to the golden eagle and all other raptors found to be nesting within 0.5 mile of the proposed site. Discussion will be entered into by the Monticello Field Office with the U.S. Fish & Wildlife Service to determine the feasibility of allowing drilling of said well closer (0.25 mile) of the proposed drill site if it can be proven that activity (noise and visual impacts) can take place without impacting the nesting birds and their offspring. The U.S. Fish & Wildlife Service will be fully consulted if golden eagle nesting becomes an issue and given updates on the nesting status of these birds.
3. A paleontological consultant will be on site to monitor for possible paleontological resources which may be encountered during construction activity. A monitor is required where construction activity will expose or cut bedrock of the Morrison Formation. The paleontological consultant must be permitted by the Bureau of Land Management Utah State Office.

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DIVISION OF
OIL, GAS AND MINING

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.

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OIL, GAS AND MINING

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.

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DIVISION OF
OIL, GAS AND MINING

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 (8⁵/₈" 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

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DIVISION OF
OIL, GAS AND MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.
UTU-75140

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

7. If Unit or CA, Agreement Designation
N/A
11-13

8. Well Name and No.
Bierstadt Fed. ~~11-13~~

9. API Well No.
43-037-31793

10. Field and Pool, or Exploratory Area
Wildcat

11. County or Parish, State
San Juan, Ut.

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

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 (Footage, Sec., T., R., M., or Survey Description)
Surface: NENW 13-40s-22e
BHL: NWNW 13-40s-22e

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other Pipeline
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

**Basin Exploration, Inc. has merged with Stone Energy LLC.
Stone Energy LLC will operate well and provide bond.**

Will install 1,546.88' of gas pipeline on lease. Pipe will be a ≈4" O.D. coated, wrapped, welded steel pipeline laid on the surface except where crossing roads - where it will be buried at least 36" deep. Wall thickness will be 0.109". Operating pressure will be ≈300 psi. Burst pressure is ≈1,530 psi. Pipe will be tested with gas to ≈500 psi before use. Test gas will discharge into the Elkhorn line. The pipeline route will be posted with intervisible markers. All of route parallels road. Authorization for remainder of route is sought via right-of-way application which is being concurrently filed.

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

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

Signed *[Signature]* Title Consultant (505) 466-8120 Date 2-2-01

(This space for Federal or State office use)

Approved by _____ Title _____ Date FEB 02 2001
Conditions of approval, if any:

RECEIVED

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF CONVERSION OF "BASIN EXPLORATION, INC.", CHANGING ITS NAME FROM "BASIN EXPLORATION, INC." TO "STONE ENERGY, L.L.C.", FILED IN THIS OFFICE ON THE FIRST DAY OF FEBRUARY, A.D. 2001, AT 3:30 O'CLOCK P.M.



Harriet Smith Windsor
Harriet Smith Windsor, Secretary of State

2289801 8100

AUTHENTICATION: 0958659

010060875

DATE: 02-06-01

CERTIFICATE OF CONVERSION
OF
BASIN EXPLORATION, INC.
INTO
STONE ENERGY, L.L.C.

February 1, 2001

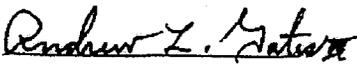
UNDER SECTION 266 OF THE GENERAL CORPORATION LAW
OF THE STATE OF DELAWARE AND SECTION 18-214 OF THE
DELAWARE LIMITED LIABILITY COMPANY ACT

Basin Exploration, Inc., a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware (the "Company"), DOES HEREBY CERTIFY THAT:

1. *Name of Corporation to be Converted.* The name of the Company immediately prior to conversion is Basin Exploration, Inc., and the name under which the Company was originally incorporated was Basin Exploration, Inc.
2. *Original Date and Jurisdiction of Incorporation.* The original certificate of incorporation of the Company was filed on March 2, 1992 with the Secretary of the State of Delaware.
3. *Name of Limited Liability Company.* The name of the limited liability company into which the Company will be converted is Stone Energy, L.L.C.
4. *Approval of Conversion.* This conversion has been approved in accordance with the provisions of Section 266 of the General Corporation Law of Delaware and Section 18-214 of the Delaware Limited Liability Company Act.
5. *Effective Time.* The effective time of the conversion of the Company to a limited liability company contemplated hereby shall be February 1, 2001.

IN WITNESS WHEREOF, the undersigned has executed this Certificate of Conversion as of the date first written above.

BASIN EXPLORATION, INC.

By: 
Andrew L. Gates, III
Attorney In Fact

CERTIFICATE OF FORMATION
OF
STONE ENERGY, L.L.C.

This Certificate of Formation, dated February 1, 2001, has been duly executed and is filed pursuant to Section 18-201 of the Delaware Limited Liability Company Act (the "Act") to form a limited liability company (the "Company") under the Act.

1. **Name.** The name of the Company is "Stone Energy, L.L.C."
2. **Registered Office; Registered Agent.** The address of the registered office required to be maintained by Section 18-104 of the Act is:

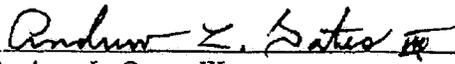
1209 Orange Street
Wilmington, Delaware 19801

The name and address of the registered agent for service of process required to be maintained by Section 18-104 of the Act are:

The Corporation Trust Company
1209 Orange Street
Wilmington, Delaware 19801

3. **Effective Time.** The effective time of the formation of the Company contemplated hereby is February 1, 2001.

EXECUTED as of the date first written above.


Andrew L. Gates, III
Authorized Person

State of Delaware
Office of the Secretary of State

PAGE 2

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE DO HEREBY CERTIFY THAT THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF FORMATION OF "STONE ENERGY, L.L.C." FILED IN THIS OFFICE ON THE FIRST DAY OF FEBRUARY, A.D. 2001, AT 3:30 O'CLOCK P.M.



Harriet Smith Windsor
Harriet Smith Windsor, Secretary of State

2289801 8100V

AUTHENTICATION: 0950237

010053850

DATE: 02-01-01

CERTIFICATE OF FORMATION
OF
STONE ENERGY, L.L.C.

This Certificate of Formation, dated February 1, 2001, has been duly executed and is filed pursuant to Section 18-201 of the Delaware Limited Liability Company Act (the "Act") to form a limited liability company (the "Company") under the Act.

1. **Name.** The name of the Company is "Stone Energy, L.L.C."
2. **Registered Office; Registered Agent.** The address of the registered office required to be maintained by Section 18-104 of the Act is:

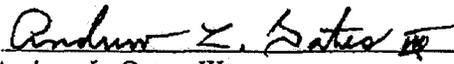
1209 Orange Street
Wilmington, Delaware 19801

The name and address of the registered agent for service of process required to be maintained by Section 18-104 of the Act are:

The Corporation Trust Company
1209 Orange Street
Wilmington, Delaware 19801

3. **Effective Time.** The effective time of the formation of the Company contemplated hereby is February 1, 2001.

EXECUTED as of the date first written above.



Andrew L. Gates, III
Authorized Person

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:
2. NAME OF OPERATOR:		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: CITY _____ STATE _____ ZIP _____		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: _____ QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____		8. WELL NAME and NUMBER:
PHONE NUMBER: _____		9. API NUMBER:
		10. FIELD AND POOL, OR WILDCAT:
		STATE: UTAH

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

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

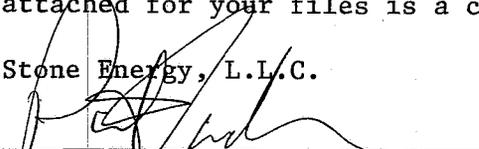
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

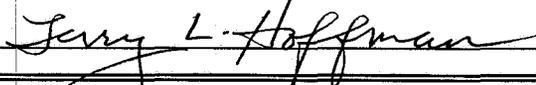
Effective 2/1/01 Basin Exploration, Incorporated merged with Stone Energy. The new name is as follows:

Stone Energy, L.L.C.
1670 Broadway, Suite 2800
Denver, CO 80202

Blanket Bond #RLB0002054

Attached is the list of wells that will be effected in the State of Utah. Also attached for your files is a copy of the merger documentation.

Stone Energy, L.L.C.  Pat Jackson - Denver District Manager	Basin Exploration, Inc.  Gerald D. Gentry Operations Manager
--	--

NAME (PLEASE PRINT) <u>Terry L. Hoffman</u>	TITLE <u>Engineering Technician</u>
SIGNATURE 	DATE <u>2/1/01</u>

(This space for State use only)

RECEIVED
MAR 05 2001
DIVISION OF
OIL, GAS AND MINING

Lease #	Well Name & Number	API Number	Field	Legal Location	County
UTU 75140	Dierstat #24-13	4303731703	Wildcat	NE NW 13-T40S-R22E	San Juan
SL 067701	Bluff #10	4303715328	Desert Creek	SW SW 30-T39S-R23E	San Juan
SL 071403A	Bluff #13-4	4303730726	Bluff	NW SE 4-T40S-R23E	San Juan
SL 067701	Bluff #16	4303730989	Desert Creek	SW SE 29-T39S-R23E	San Juan
ML 2008	Bluff #2	4303716538	Desert Creek	SE NW 32-T39S-R23E	San Juan
SL 071403A	Bluff #42-5	4303730866	Desert Creek	SE NE 5-T40S-R23E	San Juan
SL 071403A	Bluff #44-5	4303715867	Bluff	SE SE 5-T40S-R23E	San Juan
892000782A	Bluff #9	4303715327	Desert Creek	NE SE 30-T-39S-T23E	San Juan
892000782A	Bluff State #1	4303720236	Desert Creek	NW NW 32-T39S-R23E	San Juan
SL 067701	Bluff Unit #14	4303730533	Desert Creek	NE SE 30-T-39S-T23E	San Juan
1420603248	Desert Creek #11-35	4303731806	Wildcat	NW NE 35-T41S-R23E	San Juan
1420603248	Desert Creek #2	4303715868	Desert Creek	SE SE 35-T41S-R23E	San Juan
1420603270	Navajo Tribal #23-1	4303710535	Tohonadla	NE NE 2-T42S-21E	San Juan
U-01890	Recapture Creek #1	4303715871	Recapture Creek	SE SE 21-T40S-R23E	San Juan
U-01890	Recapture Creek #2	4303730727	Recapture Creek	NW SW 21-T40S-R23E	San Juan
U-01890	Recapture Creek #3	4303730926	Recapture Creek	NW SE 21-T40S-R23E	San Juan
1420603229	Tohonadla #1	4303715872	Tohonadla	SW SE 35-T41S-R21E	San Juan
1420603229	Tohonadla #23-35	4303715874	Tohonadla	NE SW 35-T41S-R21E	San Juan
1420603229	Tohonadla #2-35	4303731568	Tohonadla	N2 S2 35-T41S-R21E	San Juan

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.

UTU-75140

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA. Agreement Designation

N/A

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

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 (Footage, Sec., T., R., M., or Survey Description)

Surface: NENW 13-40s-22e

BHL: NWNW 13-40s-22e

8. Well Name and No.

Bierstadt Fed. 11-13

9. API Well No.

43-037-31793

10. Field and Pool, or Exploratory Area

Wildcat

11. County or Parish, State

San Juan, Ut.

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

TYPE OF SUBMISSION

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

TYPE OF ACTION

- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- Other Well Number
- Change of Plans
- New Construction
- Non-Routine Fracturing
- Water Shut-Off
- Conversion to Injection
- Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Well number has changed from Bierstadt Federal 21-13 to Bierstadt Federal 11-13.

RECEIVED

MAR 14 2001

**DIVISION OF
OIL, GAS AND MINING**

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

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

Signed [Signature] Title Consultant (505) 466-8120 Date 3-1-01

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

In Reply Refer To:
3100
SL-067701 et al
(UT-932)

MAR 23 2001

NOTICE

Stone Energy, L.L.C. : Oil and Gas Leases
1670 Broadway, #2800 :
Denver, CO 80202 :

Name Change Recognized

Acceptable evidence has been received in this office concerning the change of name of Basin Exploration, Inc. to Stone Energy, L.L.C. on Federal oil and gas leases.

The oil and gas lease files identified on the enclosed exhibit have been noted as to the name change. The exhibit was compiled from a list of leases obtained from our automated records system. We have not abstracted the lease files to determine if the entity affected by the name change holds an interest in the leases identified nor have we attempted to identify leases where the entity is the operator on the ground maintaining no vested record title or operating rights interests. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the name change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

Due to the name change, the name of the principal on oil and gas bond WY3181 is required to be changed from Basin Exploration, Inc. to Stone Energy, L.L.C. You may accomplish this change either by consent of the surety on the original bond or by a rider to the original bond. The rider should be submitted to the Wyoming State Office.

ROBERT LOPEZ

Robert Lopez
Chief, Branch of
Minerals Adjudication

Enclosure
Exhibit of Leases

RECEIVED

MAR 27 2001

**DIVISION OF
OIL, GAS AND MINING**

EXHIBIT A
LEASES AFFECTED BY NAME CHANGE

SL-067701
U-01058
U-23147
UTU-73064
UTU-75000
UTU-75501
UTU-76304
UTU-76957
UTU-77299
UTU-77536
UTU-78227
UTU-78522
UTU-79007
UTU-79131
UTU-79148

SL-067710A
U-01890
U-37841
UTU-73734
UTU-75013
UTU-76062
UTU-76728
UTU-77288
UTU-77528
UTU-78027
UTU-78230
UTU-78730
UTU-79008
UTU-79182
U-63011X (Bluff Unit)

SL-071403A
U-056794
UTU-72671
UTU-74461
UTU-75140
UTU-76303
UTU-76865
UTU-77289
UTU-77529
UTU-78226
UTU-78441
UTU-79006
UTU-79009
UTU-79183
U-63020X (Recapture Creek)

cc: MMS-Reference Desk Branch, MS 3130, Box 5860, Denver, 80217
State of Utah, DOGIM, Attn: Jim Thompson (Ste. 1210), Box 145801, SLC, UT 84114-5801
Teresa Thompson (UT-931)
Rhonda Flynn/Angela Williams (UT-942)
Vernal Field Office
Moab Field Office
Price Field Office
San Juan Field Office

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH		4-KAS ✓
2. CDW ✓		5- STB ✓
3. JLT		6-FILE

Enter date after each listed item is completed

Change of Operator (Well Sold)

Designation of Agent

X Operator Name Change (Only)

Merger

The operator of the well(s) listed below has changed, effective: **2/1/2001**

FROM: (Old Operator):
BASIN EXPLORATION INC
Address: 1670 BROADWAY, STE 2800
DENVER, CO 80202
Phone: 1-(303)-685-8000
Account No. N5070

TO: (New Operator):
STONE ENERGY LLC
Address: 1670 BROADWAY, STE 2800
DENVER, CO 80202
Phone: 1-(303)-685-8000
Account No. N1555

CA No.

Unit:

WELL(S)

NAME	API NO.	ENTITY NO.	SEC. TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
BLUFF 16	43-037-30989	632	29-39S-23E	FEDERAL	OW	P
BLUFF 10	43-037-15328	627	30-39S-23E	FEDERAL	OW	TA
BLUFF 2	43-037-16538	629	32-39S-23E	STATE	OW	S
TORREYS FEDERAL 43-12	43-037-31807	99999	12-40S-22E	FEDERAL	OW	APD
BIERSTADT FEDERAL 11-13	43-037-31793	99999	13-40S-22E	FEDERAL	OW	APD
RECAPTURE CREEK 2	43-037-30727	6255	21-40S-23E	FEDERAL	OW	P
RECAPTURE CREEK 3	43-037-30926	8450	21-40S-23E	FEDERAL	OW	S

OPERATOR CHANGES DOCUMENTATION

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 03/05/2001
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 03/05/2001
- The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 03/28/2001
- Is the new operator registered in the State of Utah: YES Business Number: 4874937-0161
- If **NO**, the operator was contacted on: N/A
- 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: 03/23/2001
- Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: 03/23/2001

8. **Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: N/A

9. **Underground Injection Control ("UIC") Prog:** 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:

1. Changes entered in the **Oil and Gas Database** on: 03/29/2001
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 03/29/2001
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

STATE BOND VERIFICATION:

1. State well(s) covered by Bond No.: N/A

FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed has furnished a bond No: N/A
2. The **FORMER** operator has requested a release of liability from their bond on: N/A
The Division sent response by letter on: N/A
3. (R649-2-10) The **FORMER** operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

FILMING:

1. All attachments to this form have been **MICROFILMED** on: **APR. 25 2001**

FILING:

1. **ORIGINALS/COPIES** of all attachments pertaining to each individual well have been filled in each well file on: _____

COMMENTS:

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: STONE ENERGY LLC

Well Name: BIERSTADT FED 11-13

Api No. 43-037-31793 LEASE TYPE: FEDERAL

Section 13 Township 40S Range 22E County SAN JUAN

Drilling Contractor CATFISH DRILLING RIG # 1

SPUDDED:

Date 05//02/2001

Time 2:00 PM

How DRY

Drilling will commence _____

Reported by BOB SYLER

Telephone # 1-435-672-2330

Date 05/03/2001 Signed: CHD

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.

UTU-75140

6. If Indian, Allottee or Tribe Name

N/A

SUBMIT IN TRIPLICATE

7. If Unit or CA, Agreement Designation

N/A

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

Stone Energy, L. L. C. (303) 685-8000

8. Well Name and No.

Bierstadt Fed. 11-13

3. Address and Telephone No.

1670 Broadway, Suite 2800, Denver, Co. 80202

9. API Well No.

43-037-31793

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

Surface: NENW 12-40s-22e

BHL: NWNW 12-40s-22e

10. Field and Pool, or Exploratory Area

Wildcat

11. County or Parish, State

San Juan, Ut.

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

TYPE OF SUBMISSION

Notice of Intent
 Subsequent Report
 Final Abandonment Notice

TYPE OF ACTION

Abandonment
 Recompletion
 Plugging Back
 Casing Repair
 Altering Casing
 Other Surface Casing & Well
 Change of Plans
 New Construction
 Non-Routine Fracturing
 Water Shut-Off
 Conversion to Injection
 Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Well number has changed from 21-13 to 11-13.

Will change surface casing from J-55 and 24# to K-55 and 32#.
(No change in diameters, setting depth, or threads & couplings.)
Will control fluid loss in cement to 100 - 200 cc with additives.
Will drop plug on fly. Will not stop pumping at any time.

RECEIVED

MAY 02 2001

DIVISION OF
OIL, GAS AND MINING

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

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

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

Signed

[Signature]

Title

Consultant (505) 466-8120

Date

4-30-01

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date

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

FORM 6

ENTITY ACTION FORM

Operator: Stone Energy, L.L.C.
Address: 1670 Broadway, 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
37-31793	Bierstadt Federal #1-13		NENW	12	40S	22E	San Juan
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
A	99999	13136	5/2/2001			5/2/2001	
Comments: <u>514-01</u>							

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)

Terry L. Hoffman
Signature

Engineering Technician

5/3/2001
Date

Title

Date

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-75140

6. If Indian, Allottee, or Tribe Name
NA

7. If Unit or CA. Agreement Designation
NA

8. Well Name and No.

Bierstadt Federal #21-13

9. API Well No.

43-037-31793

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)

**NE NW Section ¹³12-T40S-R22E
368' FNL & 1553' FWL**

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 Weekly Status		
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and abandon	<input type="checkbox"/> Temporarily Abandon			
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug back	<input type="checkbox"/> Water Disposal			

13. Describe Proposed or Completed Operation (clearly state all pertinent details including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths 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 susequnet reports shqll be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in anew interval, a Form 3160-4 shall be filed onca 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.)

Weekly status as of 5/30/01.

See attachment.

RECEIVED

JUN 04 2001

**DIVISION OF
OIL, GAS AND MINING**

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

Terry L. Hoffman

Title

Engineering Technician

Signature

Terry L. Hoffman

Date

5/30/01

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.

WELL NAME: BIERSTADT FEDERAL #21-13
WELL TYPE: DRILLING -- Exploratory
LOCATION: NE NW Section 13-T40S-R22E -- San Juan County, Utah
FIELD: Wildcat
API NO.: 43-037-31793
AFE NO.: UT525710
AFE COST: \$439,110 -- Dry Hole
CURRENT AFE COST: \$683,945 -- Total Drill & Complete
DAILY TOTAL COST: \$14,066
TOTAL COST TO DATE: \$196,990
PROPOSED TARGET: Desert Creek/5475'
PROPOSED TD: 5640' MD
DEPTH/24 HR FOOTAGE: 2890'/813'
SPUD DATE: 5/2/01
PROJ. DAYS/DAYS F/ SPUD: 15/6
MUD WEIGHT: 8.4

5/8/01

AART: Drig.

Last 24 hours: Drld from 2077-2386'. Worked tight hole, top of cutler 2350' caved in . Circulated sweeps. Drld from 2386-2540'. Survey @ 2540' - .25 degrees. Drld from 2540-2591'. PU off bottom, circulated f/seismic activity @ Grays State #42-2. Drld from 2591-2890', 5 bpm wtr flow after 2591'. Prepared to mud up to build volume.

WELL NAME: BIERSTADT FEDERAL #21-13
WELL TYPE: DRILLING - Exploratory
LOCATION: NE NW Section 13-T40S-R22E - San Juan County, Utah
FIELD: Wildcat
API NO.: 43-037-31793
AFE NO.: UT525710
AFE COST: \$439,110 - Dry Hole
CURRENT AFE COST: \$683,945 - Total Drill & Complete
DAILY TOTAL COST: \$36,663
TOTAL COST TO DATE: \$233,653
PROPOSED TARGET: Desert Creek/5475'
PROPOSED TD: 5640' MD
DEPTH/24 HR FOOTAGE: 3522'/632'
SPUD DATE: 5/2/01
PROJ. DAYS/DAYS F/ SPUD: 15/7
MUD WEIGHT: 10.3

5/9/01

AART: LD DC's/PU directional tools.

Last 24 hours: Drld from 2890-3068', well flowing 5 bpm. Circulated & surveyed @ 3068'. Drld from 3068-3502', prepared to displace. Displaced hole w/10.3 ppg mud, 45 Vis. Wtr flow died. Drld from 3502-3522', conditioned mud, built volume. Dropped survey. POOH w/bit #2.

WELL NAME:	BIERSTADT FEDERAL #21-13
WELL TYPE:	DRILLING – Exploratory
LOCATION:	NE NW Section 13-T40S-R22E – San Juan County, Utah
FIELD:	Wildcat
API NO.:	43-037-31793
AFE NO.:	UT525710
AFE COST:	\$439,110 – Dry Hole
CURRENT AFE COST:	\$683,945 – Total Drill & Complete
DAILY TOTAL COST:	\$38,774
TOTAL COST TO DATE:	\$272,427
PROPOSED TARGET:	Desert Creek/5475'
PROPOSED TD:	5640' MD
DEPTH/24 HR FOOTAGE:	3575'/53'
SPUD DATE:	5/2/01
PROJ. DAYS/DAYS F/ SPUD:	15/8
MUD WEIGHT:	10.2

5/10/01
AART: Drlg.
Last 24 hours: Finished POOH w/bit #2, LD DC's. Prepared f/pump replacement, stripped #1 pump f/relocation. PU bit #3, MIX AKO motor, directional tools/MWD. Set #1 pump OCI 700 w/379 cat in, RU. PU remainder of BHA (20 HWDP), SLM in hole. W&R bridge @ 2187-2230'. Very sticky. Finished SLM in hole, surveying every 500'. W&R from 3520-3558'. Drid from 3558-3575'.

WELL NAME: BIERSTADT FEDERAL #21-13
WELL TYPE: DRILLING - Exploratory
LOCATION: NE NW Section 13-T40S-R22E - San Juan County, Utah
FIELD: Wildcat
API NO.: 43-037-31793
AFE NO.: UT525710
AFE COST: \$439,110 - Dry Hole
CURRENT AFE COST: \$683,945 - Total Drill & Complete
DAILY TOTAL COST: \$35,628
TOTAL COST TO DATE: \$308,055
PROPOSED TARGET: Desert Creek/5475'
PROPOSED TD: 5640' MD
DEPTH/24 HR FOOTAGE: 3782'/207'
SPUD DATE: 5/2/01
PROJ. DAYS/DAYS F/ SPUD: 15/9
MUD WEIGHT: 10.3

5/11/01

AART: Drlg.

Last 24 hours: Drid from 3575-3782. Surveyed & rig repairs.

WELL NAME: BIERSTADT FEDERAL #21-13
WELL TYPE: DRILLING – Exploratory

LOCATION: NE NW Section 13-T40S-R22E – San Juan County, Utah
FIELD: Wildcat
API NO.: 43-037-31793
AFE NO.: UT525710
AFE COST: \$439,110 – Dry Hole
CURRENT AFE COST: \$683,945 – Total Drill & Complete
DAILY TOTAL COST: \$42,519
TOTAL COST TO DATE: \$350,574
PROPOSED TARGET: Desert Creek/5475'
PROPOSED TD: 5640' MD
DEPTH/24 HR FOOTAGE: 4225'/443'
SPUD DATE: 5/2/01
PROJ. DAYS/DAYS F/ SPUD: 15/11
MUD WEIGHT: 10.1

5/12/01

AART: Drlg.

Last 24 hours: Drld from 3782-4022'.

5/13/01

AART: Drlg.

Last 24 hours: Drld from 4022-4225'.



WELL NAME: BIERSTADT FEDERAL #21-13
WELL TYPE: DRILLING - Exploratory
LOCATION: NE NW Section 13-T40S-R22E - San Juan County, Utah
FIELD: Wildcat
API NO.: 43-037-31793
AFE NO.: UT525710
AFE COST: \$439,110 - Dry Hole
CURRENT AFE COST: \$683,945 - Total Drill & Complete
DAILY TOTAL COST: \$49,093
TOTAL COST TO DATE: \$399,667
PROPOSED TARGET: Desert Creek/5475'
PROPOSED TD: 5640' MD
DEPTH/24 HR FOOTAGE: 4545'/320'
SPUD DATE: 5/2/01
PROJ. DAYS/DAYS F/ SPUD: 15/12
MUD WEIGHT: 10.1

5/14/01

AART: Drlg.

Last 24 hours: Drl'd from 4225-4430'. Serviced rig & surveyed.

5/15/01

AART: Drlg.

Last 24 hours: Drl'd & surveyed from 4430-4445'. Pumped pill, POOH f/new bit. Serviced rig, PU new bit #4, drained pump. RIH to 4424'. POOH, looked f/DP screen, retrieved screen, RIH. W&R from 4424-4445'. Drl'd & surveyed from 4445-4458'. Serviced rig, worked on pump. Drl'd & surveyed from 4458-4545', 8 fph.

WELL NAME: BIERSTADT FEDERAL #21-13
WELL TYPE: DRILLING - Exploratory
LOCATION: NE NW Section 13-T40S-R22E - San Juan County, Utah
FIELD: Wildcat
API NO.: 43-037-31793
AFE NO.: UT525710
AFE COST: \$439,110 - Dry Hole
CURRENT AFE COST: \$683,945 - Total Drill & Complete
DAILY TOTAL COST: \$21,570
TOTAL COST TO DATE: \$421,237
PROPOSED TARGET: Desert Creek/5475'
PROPOSED TD: 5640' MD
DEPTH/24 HR FOOTAGE: 4708'/163'
SPUD DATE: 5/2/01
PROJ. DAYS/DAYS F/ SPUD: 15/13
MUD WEIGHT: 10.1

5/16/01
AART: Drig.
Last 24 hours: Drid & surveyed from 4545-4708'.

WELL NAME: BIERSTADT FEDERAL #21-13
WELL TYPE: DRILLING – Exploratory
LOCATION: NE NW Section 13-T40S-R22E – San Juan County, Utah
FIELD: Wildcat
API NO.: 43-037-31793
AFE NO.: UT525710
AFE COST: \$439,110 – Dry Hole
CURRENT AFE COST: \$683,945 – Total Drill & Complete
DAILY TOTAL COST: \$21,285
TOTAL COST TO DATE: \$442,522
PROPOSED TARGET: Desert Creek/5475'
PROPOSED TD: 5640' MD
DEPTH/24 HR FOOTAGE: 4872'/164'
SPUD DATE: 5/2/01
PROJ. DAYS/DAYS F/ SPUD: 15/14
MUD WEIGHT: 10.1

5/17/01
AART: Drig.
Last 24 hours: Drld & surveyed from 4708-4872'.

WELL NAME: BIERSTADT FEDERAL #21-13
WELL TYPE: DRILLING - Exploratory

LOCATION: NE NW Section 13-T40S-R22E - San Juan County, Utah
FIELD: Wildcat
API NO.: 43-037-31793
AFE NO.: UT525710
AFE COST: \$439,110 - Dry Hole
CURRENT AFE COST: \$683,945 - Total Drill & Complete
DAILY TOTAL COST: \$91,640
TOTAL COST TO DATE: \$534,162
PROPOSED TARGET: Desert Creek/5475'
PROPOSED TD: 5640' MD
DEPTH/24 HR FOOTAGE: 5568'/696'
SPUD DATE: 5/2/01
PROJ. DAYS/DAYS F/ SPUD: 15/18
MUD WEIGHT: 10.15

5/18/01

AART: Drlg.

Last 24 hours: Drl'd & surveyed from 4872-5052'.

5/19/01

AART: Drlg.

Last 24 hours: Drl'd & surveyed from 5052-5227'.

5/20/01

AART: Drlg.

Last 24 hours: Drl'd & surveyed from 5227-5258'. Surveyed, pumped pill, POOH f/bit #5. Changed out motor, PU bit #3, MWD battery. RIH, W&R from 5196-5258'. Drl'd & surveyed from 5258-5384'.

5/21/01

AART: Drlg.

Last 24 hours: Drl'd & surveyed from 5384-5568'. #1 pump repair. C&C f/core #1. POOH w/bit #5.

WELL NAME: BIERSTADT FEDERAL #21-13
WELL TYPE: DRILLING – Exploratory
LOCATION: NE NW Section 13-T40S-R22E – San Juan County, Utah
FIELD: Wildcat
API NO.: 43-037-31793
AFE NO.: UT525710
AFE COST: \$439,110 – Dry Hole
CURRENT AFE COST: \$683,945 – Total Drill & Complete
DAILY TOTAL COST: \$33,432
TOTAL COST TO DATE: \$567,594
PROPOSED TARGET: Desert Creek/5475'
PROPOSED TD: 5640' MD
DEPTH/24 HR FOOTAGE: 5625'/57'
SPUD DATE: 5/2/01
PROJ. DAYS/DAYS F/ SPUD: 15/19
MUD WEIGHT: 10.2

5/22/01

AART: Coring.

Last 24 hours: Finished POOH w/bit #5, SLM no correction. Changed BHA, LD motor, monel, MWD. PU core assembly. RIH w/core bbl f/core #1. Cored from 5568-5625' (Core #1 5568-5628').

WELL NAME:	BIERSTADT FEDERAL #21-13
WELL TYPE:	DRILLING – Exploratory
LOCATION:	NE NW Section 13-T40S-R22E – San Juan County, Utah
FIELD:	Wildcat
API NO.:	43-037-31793
AFE NO.:	UT525710
AFE COST:	\$439,110 – Dry Hole
CURRENT AFE COST:	\$683,945 – Total Drill & Complete
DAILY TOTAL COST:	\$23,212
TOTAL COST TO DATE:	\$590,806
PROPOSED TARGET:	Desert Creek/5475'
PROPOSED TD:	5640' MD
DEPTH/24 HR FOOTAGE:	5651'/26'
SPUD DATE:	5/2/01
PROJ. DAYS/DAYS F/ SPUD:	15/20
MUD WEIGHT:	10.2

5/23/01

AART: Cutting drill line/RIH.

Last 24 hours: Cored from 5625-5628', finished Core #1. Circulated samples. Serviced rig. POOH w/Core #1. LD Core #1. RIH w/core assembly. Cored from 5628-5651' – Core #2. Circulated samples & conditioned mud to 10.2 ppg, well trying to flow. POOH w/Core #2. LD Core #2, core bbl, & PU bit #7 RR. PU directional BHA. RIH w/HWDP & directional BHA. Cut drlg line.

WELL NAME:	BIERSTADT FEDERAL #21-13
WELL TYPE:	DRILLING – Exploratory
LOCATION:	NE NW Section 13-T40S-R22E – San Juan County, Utah
FIELD:	Wildcat
API NO.:	43-037-31793
AFE NO.:	UT525710
AFE COST:	\$439,110 – Dry Hole
CURRENT AFE COST:	\$683,945 – Total Drill & Complete
DAILY TOTAL COST:	\$23,158
TOTAL COST TO DATE:	\$613,964
PROPOSED TARGET:	Desert Creek/5475'
PROPOSED TD:	5640' MD
DEPTH/24 HR FOOTAGE:	5700'/49'
SPUD DATE:	5/2/01
PROJ. DAYS/DAYS F/ SPUD:	15/21
MUD WEIGHT:	10.2

5/24/01

AART: Logging – Run #2.

Last 24 hours: Finished cutting drlg line. RIH w/bit #7 & directional tools. W&R 5500-5531', surveyed. Rig repair – replaced swab in #1 pump. W&R 5531-5700' TD. Surveyed @ 5661'. C&C mud f/logs. POOH f/logs, LD directional tools. RD Baker. RU HLS, RIH w/SDL/DSN/GR, loggers TD 5694', tight from 5300-5550'. Logged from 5690-3659', POOH. RIH w/DDL/GR.

WELL NAME: BIERSTADT FEDERAL #21-13
WELL TYPE: DRILLING - Exploratory
LOCATION: NE NW Section 13-T40S-R22E - San Juan County, Utah
FIELD: Wildcat
API NO.: 43-037-31793
AFE NO.: UT525710
AFE COST: \$439,110 - Dry Hole
CURRENT AFE COST: \$683,945 - Total Drill & Complete
DAILY TOTAL COST: \$38,035
TOTAL COST TO DATE: \$652,249
PROPOSED TARGET: Desert Creek/5475'
PROPOSED TD: 5640' MD
DEPTH/24 HR FOOTAGE: 5700'/0'
SPUD DATE: 5/2/01
PROJ. DAYS/DAYS F/ SPUD: 15/22
MUD WEIGHT: 10.2

5/25/01

AART: Evaluating logs for cores.

Last 24 hours: Logged, finished DLL/GR. RIH w/EMI, logged from 5696-5150'. POOH, LD EMI. RIH w/LSS tools, logged from 5685-1428'. Provided Long Spaced Sonic in lieu of BHC Sonic (not available). RD while evaluating logs/cores.

WELL NAME:	BIERSTADT FEDERAL #21-13
WELL TYPE:	DRILLING – Exploratory
LOCATION:	NE NW Section 13-T40S-R22E – San Juan County, Utah
FIELD:	Wildcat
API NO.:	43-037-31793
AFE NO.:	UT525710
AFE COST:	\$439,110 – Dry Hole
CURRENT AFE COST:	\$683,945 – Total Drill & Complete
DAILY TOTAL COST:	\$17,892
TOTAL COST TO DATE:	\$670,141
PROPOSED TARGET:	Desert Creek/5475'
PROPOSED TD:	5640' MD
DEPTH/24 HR FOOTAGE:	5700'/0'
SPUD DATE:	5/2/01
PROJ. DAYS/DAYS F/ SPUD:	15/24
MUD WEIGHT:	10.2

5/26/01

AART: TA, RD.

Last 24 hours: RD while evaluating logs/cores. MU bit, sub, & RIH to 3460'. C&C mud, 10.3 ppg, 47 vis. LD DP. PU 8-5/8" Bulldog RBP, RIH to 1415'. Set w/20M comp/10M tens. PT RBP to 400 psi – 5 minutes, held. LD DP, setting tools. Cleaned mud tanks, ND BOP's. Loaded out rentals.

5/27/01

AART: TA, RD.

Last 24 hours: Finished ND BOP's. Rig released @ 8:00 a.m., May 26, 01. **FINAL REPORT until further work.**

The form below is formatted to fit a single page in EXCEL 5.0 or newer.
 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 in-
 structions on
 reverse side)

FORM APPROVED
 OMB NO. 1004-0137
 Expires: February 28, 1995
 5. LEASE DESIGNATION AND SERIAL NO.
 UTU-75140

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

6. INDIAN ALLOTTEE OR TRIBE NAME
 NA

7. UNIT AGREEMENT
 NA

8. FARM OR LEASE NAME
 Bierstadt Federal #21-13

9. API WELL NO.
 43-037-31793

10. FIELD NAME
 Wildcat

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 368' FNL & 1553' FWL (NE NW)

At top prod. interval, reported below Same As Above

11. SEC. T, R, M, OR BLOCK AND SURVEY OR AREA
 Section 13
~~12~~-T40S-R22E

12. COUNTY OR PARISH
 San Juan

13. STATE
 Utah

14. PERMIT NO.
 DATE ISSUED

15. DATE SPUDDED
 5/2/01

16. DATE T.D. REACHED
 5/23/01

17. DATE COMPL. (Ready to Prod.)
 7-11-01

18. ELEVATIONS (DF, RKB, RT, GR, etc.)*
 4445' GR - 4457' KB

19. ELEV. CASINGHEAD
 -

20. Total Depth (MD & TVD)
 5700'

21. Plug back T.D. (MD & TVD)
 -

22. If Multiple Compl., How Many*
 -

23. ROTARY TOOLS
 0-5700'

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, Long Spaced Sonic - 5-29-01

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#	1432'	12-1/4"	1st Stage - 275 sxs "B", 2nd Stage - 330 sxs	None
				65/53 Poz, followed by 50 sxs Neat & 50 sxs "G".	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size, and number)

DEPTH INTERVAL (MD)	amt. & kind of material Used

32. ACID, SHOT, F Depth Set (MD)

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
 SEP 13 2001

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.

DIVISION OF
OIL, GAS AND MINING

SIGNED Gary L. Hoffman TITLE Engineering Technician DATE 6-Sep-01

*See Instructions and Spaces for Additional Data on Reverse Side

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.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				Upper Ismay	5328	5299
				Lower Ismay	5445	5414
				Desert Creek	5530	5497
				Base Anhydrite	5562	5529
				Akah Stage	5673	5638

Page 2
Bierstadt Federal #21-13

RECEIVED
SEP 13 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-75140

6. If Indian, Allottee, or Tribe Name
NA

7. If Unit or CA. Agreement Designation

NA

8. Well Name and No.
Bierstadt Federal #21-13

9. API Well No.
43-037-31793

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

1670 Broadway, Suite 2800 - Denver, CO 80202

3b. Phone No. (include area code)

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

**NE NW Section 42-T40S-R22E
368' FNL & 1553' FWL**

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 type="checkbox"/> Other	
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and abandon	<input type="checkbox"/> Temporarily Abandon		
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug back	<input type="checkbox"/> Water Disposal		

13. Describe Proposed or Completed Operation (clearly state all pertinent details including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths or pertinent markers and sands. Attach the Bond under which the work will be 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 recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notice shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

The above mentioned well was Plugged & Abandoned on 7/11/01 as follows:

1st plug from 5536-5235' (300'), cemented w/86 sxs Neat, displaced w/10.3# brine. 2nd plug from 3619-3169' (450'), cemented w/129 sxs Neat, displaced w/10.3# brine. TOOH to 2850', pumped down tubing to clear, circulated 4 hours to tag plug. TIH to tag plug, tagged @ 3152' (103' low), pumped 57 sxs Neat cement to top off 2nd plug & bring up 200' to 3352'. TIH & tagged cement @ 3252'. 3rd plug from 1500-1300' (200'), cemented w/78 sxs Neat, displaced w/10.3 brine. TIH 90' & pumped 4th plug to surface w/31 sxs Neat cement. Cut-off wellhead & installed dryhole marker with a 2" valve connected to conductor pipe to monitor if any flow starts around 8-5/8" annulus.

All plugs witnessed by Jeff Brown with the BLM.

RECEIVED

SEP 13 2001

14. I hereby certify that the foregoing is true and correct. Name (Printed/ Typed)		Title	DIVISION OF OIL, GAS AND MINING
Terry L. Hoffman		Engineering Technician	
Signature		Date	
<i>Terry L. Hoffman</i>		9/6/01	
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.