

FILE NOTATIONS

Entered in NID File ✓
 Entered On S R Sheet _____
 Location Map Pinned ✓
 Card Indexed ✓
 I W R for State or Fee Land _____

Checked by Chief JMB
 Copy NID to Field Office _____
 Approval Letter 3-14-68
 Disapproval Letter _____

COMPLETION DATA:

Date Well Completed 6-17-68

Location Inspected _____

OW _____ WW _____ TA _____

Bond released _____

SI GW ✓ OS _____ PA _____

State of Fee Land _____

LOGS FILED

Driller's Log 11-4-68

Electric Logs (No.) _____

E _____ I _____ E-I _____ GR _____ GR-N _____ Micro _____

Lat _____ Mi-L _____ Sonic _____ Others _____

Mr. Lonsdale - (Calif.)

4

- T. D 1050

Lease # A-0146256

Entrala

T 19 S R 25 E -

→ 1/2 mile from Grand Junction - moving in equip.

sec. 3 lot 4

SW 1/4 NW 1/4 W 1/2 SW 1/4 SE 1/4 SW 1/4 = 200.65 acres

FSL - 1050 FWL 330' - Record

SW NW SW

to top. Exception and
show all bearings on 660'
radius

CE = 4914.7 ft

Mr. Lonsdale

(About 4960' from Well # 1 & Well # 2 never drilled)

3/11/68 - Gene OH - JMB

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

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

2. NAME OF OPERATOR
 A. Lansdale

3. ADDRESS OF OPERATOR
 P.O. Box 68 Garden Grove, California 92642

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface 320' EWL 1650' NSL
 At proposed prod. zone SW NW SW

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 20 miles east of Cisco, Utah

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

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED TO THIS WELL

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

19. PROPOSED DEPTH
 950' (Entrada)

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

22. APPROX. DATE WORK WILL START*

5. LEASE DESIGNATION AND SERIAL NO.
 U-0146256

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
 Lansdale-Govt

9. WELL NO.
 4

10. FIELD AND POOL, OR WILDCAT
 Harley Dome Area Wildcat

11. SEC., T., R., M., OR RLE. AND SURVEY OR ABMA
 SW/4 NW/4 SW/4
 Sec. 3 T19S R25E

12. COUNTY OR PARISH | 13. STATE
 Grand | Utah

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
9 3/4	7"		60' ✓	20 sacks ✓
6 1/2	4 1/2"		T.D.	50 sacks

43-019-30003

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, 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 A. Lansdale TITLE Operator DATE 3/11/68

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

X

March 14, 1968

A. Lansdale
P. O. Box 68
Garden Grove, California 92642

Re: Well No. Lansdale-Government #4,
Sec. 3, T. 19 S., R. 25 E.,
Grand County, Utah.

Dear Mrs. Lansdale:

This letter is to confirm verbal approval to drill granted by Paul W. Burchell, Chief Petroleum Engineer on March 11, 1968. However, this approval is conditional upon a surveyor's plat being furnished this office and the "Monthly Report of Operations" being filed on the Lansdale Government #1 well and the Lansdale Government #3 well.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

PAUL W. BURCHELL, Chief Petroleum Engineer
HOME: 277-2890 - Salt Lake City, Utah
OFFICE: 328-5771

This approval terminates within 90 days if the well has not been spudded-in within said period.

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered while drilling. Your cooperation with respect to completing this form will be greatly appreciated.

A. Lansdale

March 14, 1968

-2-

The API number assigned to this well is 43-019-30003 (see Bulletin D12 published by the American Petroleum Institute).

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLYDE B. FRIGHT
DIRECTOR

CBF:sc

cc: U. S. Geological Survey
Rodney Smith, District Engineer
8416 Federal Building
Salt Lake City, Utah

Sharon

ARLYNE LANSDALE
ATTORNEY AT LAW
POST OFFICE BOX 68
GARDEN GROVE, CALIFORNIA 92642
TELEPHONE (714) 638-1352

March 16th, 1968.

Division of Oil & Gas Conservation
1588 West North Temple
SALT LAKE CITY, UTAH 84116

Attention: Mr. Paul W. Burchell
Chief Petroleum Engineer

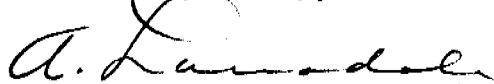
Re:Lansdale-Gov't.#4
Sec.3, T. 19 S. R. 25 E.
Grand County, Utah

Dear Mr. Burchell:

Pursuant to your understanding when you talked with Mr. Lansdale on the telephone March 11, 1968, the above location of the well is based on a topographic exception in accordance with Rule C-3 and we hold an Oil & Gas Lease on all the acreage in a 660' radius from the proposed location.

We wish to thank you for the assistance rendered us by you in our drilling program in the above area in Grand County, and if, at any time, we overlook any of your rules or regulations, do not hesitate to notify this office.

Yours very truly,



A. Lansdale

AL-b

CHEMICAL & GEOLOGICAL LABORATORIES

P. O. Box 279
Casper, Wyoming

GAS ANALYSIS REPORT

Company A. Lansdale Date March 21, 1968 Lab. No. 24162
 Well No. Unit No. 4 Location Section 3-19S-25E
 Field Harley Dome Formation Entrada
 County Grand Depth _____
 State Utah Sampling point: Wellhead, Separator, Treater
 Line pressure, _____ psig; Sample pressure 80 psig; Temperature _____ F

Remarks: _____

<u>Component</u>	<u>Mole % or Volume %</u>	<u>Gallons per MCF</u>
Oxygen	0	
Nitrogen	86.10	
Carbon dioxide	0.91	
Hydrogen sulfide	0	
<u>Helium</u>	7.31 ✓	
Methane	5.56	
Ethane	0.11	
Propane	0.01	0.003
Iso-butane & higher	Trace	-
N-butane		
Iso-pentane		
N-pentane		
Hexanes		
Total	100.00	0.003

Gross btu/cu. ft. @60°F & 14.7 psia (dry basis)	58
Specific gravity (calculated from analysis)	0.889
Specific gravity (measured)	0.892
GPM of pentanes & higher fraction	-

Remarks: _____

X

Sharon

ARLYNE LANSDALE
ATTORNEY AT LAW
POST OFFICE BOX 68
GARDEN GROVE, CALIFORNIA 92642
TELEPHONE (714) 638-1352

March 29th, 1968.

Mr. Cleon Feight
Utah Oil & Gas Conservation
Commission
Newhouse Building
Salt Lake City, Utah 84111

Dear Mr. Feight:

My Son advised me that in your conversation with him,
over the telephone, today, you had asked him for a
copy of the gas analysis taken on my Well No.4.

I am happy to furnish you with a copy of this analysis,
and I am enclosing the same herewith.

If there is any further data you would like, do not
hesitate to advise.

Yours very truly,

A. Lansdale
A. Lansdale

AL-b
Enc.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

W0046256

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER

7. UNIT AGREEMENT NAME

2. NAME OF OPERATOR
A. Lansdale

8. FARM OR LEASE NAME

Gov't

3. ADDRESS OF OPERATOR
PO Box 68 Garden Grove, Calif 92642

9. WELL NO.

4

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

10. FIELD AND POOL, OR WILDCAT

Hartley Dome

*1650 N of South & 330 E of West
sec 3, T. 19S., R 25E*

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

sec 3 T. 19S. R 25E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4915 GR

12. COUNTY OR PARISH

13. STATE

Grand

Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <i>Deepen 80'</i> <input type="checkbox"/>	

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

17. 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.)*

*TO drill 3 7/8" hole from 942' to 1022'
with air.*

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

SIGNED *Galen Helmske*

TITLE *Geologist*

DATE *June 1, 1968*

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

ARLYNE LANSDALE
ATTORNEY AT LAW
POST OFFICE BOX 68
GARDEN GROVE, CALIFORNIA 92642
TELEPHONE (714) 638 1352

June 15th, 1968.

Mr. Cleon B. Feight, Director
Division of Oil & Gas Conservation
1588 West North Temple
Salt Lake City, Utah 84116

Dear Mr. Feight:

I am enclosing the monthly reports, form 9-329, on wells No.1, 4 and 13.

Wells 5, 6, and 9, are being studied for possibly deepening and I will not have the results for thirty days.

No.3 has been abandoned, and I have ordered the site put in good condition.

I will keep you advised as to developments, and further exploratory work in this area.

Yours very truly,

A. Lansdale
A. Lansdale

AL-b
Encls.

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUBMIT IN DUPLICATE

(See other In-
structions on
reverse side)

Form approved,
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

U-D146256

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Govt.

9. WELL NO.

4

10. FIELD AND POOL, OR WILDCAT

Harley Dome

11. SEC., T., R., M., OR BLOCK AND SURVEY
OF AREA

**NW SW sec 3
T19S R25E**

12. COUNTY OR
PARISH

Grand

13. STATE

Utah

14. PERMIT NO. DATE ISSUED
June 4, '68

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____

b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. Other _____

2. NAME OF OPERATOR
A Lansdale

3. ADDRESS OF OPERATOR
P.O. Box 68 Garden Grove, Calif 92642

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface **1650 North of South, 330 East of West**

At top prod. interval reported below
Sec. 3 T. 19 S R 25 E

At total depth

15. DATE SPUNDED **June 4, '68** 16. DATE T.D. REACHED **June 17, '68** 17. DATE COMPL. (Ready to prod.) _____ 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* **4915 Gr.** 19. ELEV. CASINGHEAD **4918**

20. TOTAL DEPTH, MD & TVD **972** 21. PLUG, BACK T.D., MD & TVD _____ 22. IF MULTIPLE COMPL., HOW MANY* _____ 23. INTERVALS DRILLED BY **Rotary-all** ROTARY TOOLS _____ CABLE TOOLS _____

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* **836-920** 25. WAS DIRECTIONAL SURVEY MADE **no**

26. TYPE ELECTRIC AND OTHER LOGS RUN **IES Gamma Ray and Bulk Densty** 27. WAS WELL CORED **no**

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
7"	23"	96		19 sax	none
4½"	8.8"	963		50 sax	none

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
NONE							

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
INTERVAL (MD)	SIZE	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
		NONE	NONE

33.* PRODUCTION
DATE FIRST PRODUCTION _____ PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) _____ WELL STATUS (Producing or shut-in) _____

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
			→				
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
		→					

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) _____ TEST WITNESSED BY _____

35. LIST OF ATTACHMENTS
A. Lansdale has not been tested after casing was set

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

SIGNED _____ TITLE **Geologist** DATE **Oct. 30, 1968**

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. 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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
DAKOTA	0	140	SANDSTONE, SHALE, COAL
UPPER MORRISON	140	495	RED-GREEN SHALE OCCASIONAL SANDSTONE
LOWER MORRISON (SAKT-WASH)	495	805	SANDSTONE + GREEN SHALE
SUMMERVILLE	805	836	SHALE MAROON GYPSUM
ENTRADA	836	972	SANDSTONE FINE-MEDIUM-GRAINED PORUS

38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
DAKOTA	0	
MORRISON	140	
SUMMERVILLE	805	
ENTRADA	836	

LANSDALE #4

El. 4915 G.L.

1650 N. of S. and 330
E. of W. Line
Sec 3 T. 19 S. R. 25 E
7" @ 95' with 19 sax.

Test was spudded at top of Dakota formation

0-100	No Samples
100-120	Sandstone light gray with trace of coal
120-40	Shale gray green
140-80	Shale gray some loose sand grams
180-200	Sandstone, med grain, subangular
200-220	Shale gray green and sanstone mostly loose grains
220-40	Shale green bentonite
240-60	Shale as above
260-80	Shale red-green varigated
280-300	Shale as above bentonite
300-320	Shale as above
320-40	Sandstone light gray very fine grained light.
340-60	Shale red occ. white bentonite
360-80	Sandstone light gray very fine grained
380-400	Shale red green with white bentonite
400-40	Shale dark red
440-60	Sandstone light gray-tan fine grained
460-80	Shale red and green bentonite shale
480-500	Shale as above and darker green shale
500-20	Sandstone tan very fine-fine grained
520-40	Shale varigated
540-60	Sandstone tan poorly sorted mostly sub angular
560-80	Shale Red
580-600	Sandstone, buff-gray, fine grained
600-20	Sandstone as above and gray green shale
620-60	Shale gray green
660-80	Shale as above with sandstone stringers
680-740	Shale gray slightly silty
740-60	Shale gray green
760-800	Shale as above and red shale
800-820	Shale as above and maroon soft shale
820-40	Shale maroon soft soluble
840-70	Entrada sandstone salmon friable well rounded frosted 60% fine grained 40% medium grained. Frosted surfaces indicate colian origin.
870-972	Sandstone as above
972-TD.	

RECEIVED
GEOLOGICAL SURVEY
WASHINGTON
MAY 1 1954
GEOLOGICAL SURVEY
WASHINGTON

Galen Helmke

LANSDALE #4

El. 4915 G.L.

1650 N. of S. and 330
E. of W. Line
Sec 3 T. 19 S. R. 25 E
7" @ 95' with 19 sax.

Test was spudded at top of Dakota formation

0-100 No Samples
100-120 Sandstone light gray with trace of coal
120-40 Shale gray green
140-80 Shale gray some loose sand grains
180-200 Sandstone, med grain, subangular
200-220 Shale gray green and sandstone mostly loose grains
220-40 Shale green bentonite
240-60 Shale as above
260-80 Shale red-green varigated
280-300 Shale as above bentonite
300-320 Shale as above
320-40 Sandstone light gray very fine grained light.
340-60 Shale red occ. white bentonite
360-80 Sandstone light gray very fine grained
380-400 Shale red green with white bentonite
400-40 Shale dark red
440-60 Sandstone light gray-tan fine grained
460-80 Shale red and green bentonite shale
480-500 Shale as above and darker green shale
500-20 Sandstone tan very fine-fine grained
520-40 Shale varigated
540-60 Sandstone tan poorly sorted mostly sub angular
560-80 Shale Red
580-600 Sandstone, buff-gray, fine grained
600-20 Sandstone as above and gray green shale
620-60 Shale gray green
660-80 Shale as above with sandstone stringers
680-740 Shale gray slightly silty
740-60 Shale gray green
760-800 Shale as above and red shale
800-820 Shale as above and maroon soft shale
820-40 Shale maroon soft soluble
840-70 Entrada sandstone salmon friable well rounded frosted 60%
fine grained 40% medium grained. Frosted surfaces indicate
colian origin.
870-972 Sandstone as above
972-TD.



**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

Form approved.
Budget Bureau No. 42-R356.5.
LAND OFFICE SALT LAKE CITY
LEASE NUMBER U-0146256
UNIT No. 4

LESSEE'S MONTHLY REPORT OF OPERATIONS

State UTAH County GRAND Field HARLEY DOME

The following is a correct report of operations and production (including drilling and producing wells) for the month of December, 19 75

~~Address~~ address P. O. Box 68 Company A. KANSDALE
Garden Grove, Calif. 92642 Signed A. Kansdale

Phone 638-1352 (Area Code 714) Agent's title Owner

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DATE PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
Sec. 3 NW 1/4 SW 1/4	19S	25E	4							NOTE: This well temporarily shut-in. Well properly cased and locked. Will put on production when further exploratory work is completed.

NOTE.—There were _____ runs or sales of oil; _____ M cu. ft. of gas sold; _____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R356.5.

LAND OFFICE SALT LAKE CITY
LEASE NUMBER U-0146256
UNIT No. 4

LESSEE'S MONTHLY REPORT OF OPERATIONS

State UTAH County GRAND Field HARLEY DOME

The following is a correct report of operations and production (including drilling and producing wells) for the month of September, 19 76

Agent's address P. O. Box 68 Company A. LANSDALE
Garden Grove, Calif. 92642 Signed A. Lansdale

Phone 638-1352 (Area Code 714) Agent's title Owner

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL No.	DAYS Produced	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
Sec. 3 NW¼SW¼	19S	25E	4							NOTE: This well temporarily shut-in. Well properly cased and locked. Will put on production when when further exploratory work is completed.

NOTE.—There were _____ runs or sales of oil; _____ M cu. ft. of gas sold;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

Form approved.
Budget Bureau No. 42-R356.5.
LAND OFFICE SALT LAKE CITY
LEASE NUMBER U-0146256
UNIT No. 4

LESSEE'S MONTHLY REPORT OF OPERATIONS

State UTAH County GRAND Field HARLEY DOME

The following is a correct report of operations and production (including drilling and producing wells) for the month of January, 1977,

~~Lessee's~~ address P. O. Box 68 Company A. LANSDALE
Garden Grove, Calif. 92642 Signed [Signature]

Phone 638-1352 (Area Code 714) Agent's title Owner

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
Sec. 3 NW¼SW¼	19S	25E	4							NOTE: This well temporarily shut-in. Well properly cased and locked. Will put on production when further exploratory work is completed.

NOTE.—There were _____ runs or sales of oil; _____ M cu. ft. of gas sold;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R356.5.
LAND OFFICE SALT LAKE CITY
LEASE NUMBER U-0146256
UNIT No. 4

LESSEE'S MONTHLY REPORT OF OPERATIONS

State UTAH County GRAND Field HARLEY DOME

The following is a correct report of operations and production (including drilling and producing wells) for the month of Oct., Nov., & Dec. 1976,

~~Address~~ address P.O. Box 68 Company A. LANSDALE
Garden Grove, Calif. 92642 Signed A. Lansdale

Phone 638-1352 (Area Code 714) Agent's title Owner

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL No.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; If shut down, cause; date and result of test for gasoline content of gas)
Sec. 3 NW 1/4 SW 1/4	19S	25E	4							<p style="text-align: center;">NOTE: This well temporarily shut-in. Well properly cased and locked.</p> <p style="text-align: center;">Will put on production when further exploratory work is completed.</p>

NOTE.—There were _____ runs or sales of oil; _____ M cu. ft. of gas sold;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form Approved.
Budget Bureau No. 42-RO356
LAND OFFICE SALT LAKE CITY
LEASE NUMBER U-0146256
UNIT No. 4

LESSEE'S MONTHLY REPORT OF OPERATIONS

State UTAH County GRAND Field HARLEY DOME

The following is a correct report of operations and production (including drilling and producing wells) for the month of February, 1977.

~~Agent's~~ address P. O. Box 68 Company A. LANSDALE

Garden Grove, Calif. 92642 Signed A. Lansdale

Phone 638-1352 (Area Code 714) Agent's title Owner

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
Sec. 3. NW 1/4 SW 1/4	19S	25E	4							

NOTE: This well temporarily shut-in.
Well properly cased and locked.

Will put on production when
further exploratory work is
completed.

NOTE.—There were runs or sales of oil; M cu. ft. of gas sold;

..... runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form Approved.
Budget Bureau No. 42-RO356
LAND OFFICE **SALT LAKE CITY**
LEASE NUMBER **U-0146256**
UNIT **No. 4**

LESSEE'S MONTHLY REPORT OF OPERATIONS

State UTAH County GRAND Field HARLEY DOME

The following is a correct report of operations and production (including drilling and producing wells) for the month of March, 1977,

~~Agent's~~ address P.O. Box 68 Company A. LANSDALE
Garden Grove, Calif 92642 Signed *A. Lansdale*

Phone 638-1352 (Area Code 714) Agent's title Owner

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
Sec. 3 NW¼SW¼	19S	25E	4							

Note: This well temporarily shut-in
Well properly cased and locked.
Will put on production when
further exploratory work is
completed.

NOTE.—There were _____ runs or sales of oil; _____ M cu. ft. of gas sold;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

DAYMON D. GILLILLAND

P. O. Box 1844
Grand Junction, CO 81502
(303) 241-3292

Division of Oil, Gas and Mining
355 West North Temple,
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

March 12, 1985

Re: Additions to Producing Entity Action Form

Gentlemen:

Operating as Gililland Energy Corporation, a Utah corporation, I have acquired the following wells in addition to the wells listed on the attached form:

T17S, R25E, Grand County, Utah

Section 13: SWSW 43-019-30412 Brushy Basin
Lansdale Fed. 13-13 Well

Section 14: SWNE 43-019-30279 Brushy Basin
Lansdale Fed. 14-1 Well

T18S, R25E, Grand County, Utah

Section 27: NWSW 43-019-30037 Morrison
Lansdale Gov't #8 Well

Section 27: SESE 43-019-30996 Morrison
Lansdale Gov't 27-44 Well
(Formerly the West Bitter Creek 27-44 Well)

Section 33: SWSE 43-019-20247 Morrison
Lansdale Gov't #1 Well

Section 35: SWNW 43-019-30017 Morrison
Lansdale Gov't #15

T19S, R25E, Grand County, Utah

Section 3: NWSW 43-019-30003 Entrada
Lansdale #4

Should you have any questions, please call.

Sincerely,



Daymon D. Gililland
President of Gililland Energy Corporation

RECEIVED

MAR 18 1985

DIVISION OF OIL
& GAS & MINING

DAYMON D. GILLILLAND

P. O. Box 1844
Grand Junction, CO 81502
(303) 241-3292

Division of Oil, Gas and Mining
355 West North Temple,
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

March 12, 1985

Re: Additions to Producing Entity Action Form

Gentlemen:

Operating as Gililland Energy Corporation, a Utah corporation, I have acquired the following wells in addition to the wells listed on the attached form:

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Lansdale Gov't #15

T19S, R25E, Grand County, Utah

Section 3: NWSW 43-019-30003 Entrada
Lansdale #4

Should you have any questions, please call.

Sincerely,



Daymon D. Gililland
President of Gililland Energy Corporation

RECEIVED

MAR 18 1985

DIVISION OF OIL
& GAS & MINING

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-31476	
2. NAME OF OPERATOR A. Lansdale		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR c/o Security Pacific National Bank P.O. Box 7120, Newport Beach, CA 92658		8. FARM OR LEASE NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface NWSW		9. WELL NO. Lansdale #4	
14. PERMIT NO.		10. FIELD AND POOL, OR WILDCAT Entrada	
15. ELEVATIONS (Show whether SP, ST, CR, etc.)		11. SEC., T., R., M., OR BLK. AND SURVEY OR ABBA Sec 3, T19S, R25E	
		12. COUNTY OR PARISH Grand	13. STATE UT

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Change of Operator</u> <input checked="" type="checkbox"/>	
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion or Well Completion or Recompletion Report and Log form.)	

17. 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.)

Effective 12/31/84, the new operator of the above referenced well is:

Mr. Daymon D. Gililland
Gililland Energy Corporation
P.O. Box 1844
Grand Junction, CO 81502
(303)241-3292

Security Pacific National Bank as Receiver/Trustee
for the Receivership of A. Lansdale

18. I hereby certify that the foregoing is true and correct
by: SIGNED *Kenneth L. Stone* TITLE KENNETH L. STONE
Vice President DATE 4/24/85
Assistant Manager

(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

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. U-0146256
2. NAME OF OPERATOR Daymon D, Gililland		6. IF INDIAN, ALLOTTED OR TRIBE NAME
3. ADDRESS OF OPERATOR P.C. Box 1844, Grand Junction, CO 81502		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface		8. FARM OR LEASE NAME Lansdale
RECEIVED JUL 05 1985		9. WELL NO. Gov't #4
		10. FIELD AND POOL, OR WILDCAT Harley Dome
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4915 GR	11. SEC., T., R., M., OR B.L.K. AND SURVEY OR AREA R25S, Sec. 3, T19S, R25E
	DIVISION OF OIL GAS & MINING	12. COUNTY OR PARISH Grand
		18. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Flare</u>	
(Other)		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. 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.)*

This well was completed in the Entrada with an estimated initial potential of 4,800 Mcf/d. It has never been produced since it was drilled and will continue to be carried as a shut-in natural gas and helium well until it is marketed.

See the attached letter.

18. I hereby certify that the foregoing is true and correct
SIGNED Daymon D. Gililland TITLE Operator DATE 7-2-85

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

DAYMON D. GILLILLAND

P. O. Box 1844
Grand Junction, CO 81502
(303) 241-3292

RECEIVED

July 2, 1985

Bureau of Land Management
Moab District
P.O. Box 970
Moab, Utah 84532

JUL 05 1985

DIVISION OF OIL
GAS & MINING

Attn: Mr. Tom Hare

Re: Economic viability of Harley
Dome and West Bitter Creek
Helium Project

Gentlemen:

At the present time negotiations are being conducted with three separate entities for the construction of a gas processing plant. It is anticipated that the primary products of this plant would be pipeline quality natural gas, liquid hydrocarbons, nitrogen and instrument quality helium.

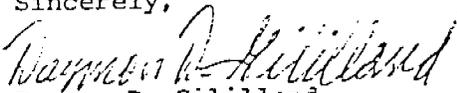
Management personnel of the electric utility serving the area are encouraging us to build an electric co-generation facility by assuring us they will purchase the power at their avoided cost. It is our plan to use the waste heat generated by the co-generation plant in the gas processing facility and thereby greatly increasing the overall efficiency of the project.

Numerous well qualified chemical engineers, geologist, petroleum engineers and other professionals have assured us that this project is economically sound. Not one single qualified person has advised us to the contrary.

Attached are Sundry Notices concerning our plans for the wells located on the following leases: U-6868, U-6821, U-0146256, U-31802. As you know these are Harley Dome and West Bitter Creek leases. Also enclosed are Sundry Notices for wells located on U-03759 and U-010847. Should you require anything additional to satisfy the requirements of the outstanding INC's, please advise.

Your cooperation in our joint effort in this matter is greatly appreciated. It is my intention to get everything in good order, have the BLM's recognition of such and to keep it in full compliance with your rules and regulations as well as those of the Department of Interior and the Bureau of Mines.

Sincerely,


Daymon D. Gililland

cc: K. Stone, Security Pacific National Bank
Division of Oil, Gas & Mining, State of Utah
BLM, Moab Grand Resource Area

the undersigned (reverse) offers to lease all or any of the lands in [redacted] that are available for lease pursuant to the Mineral Leasing Act of 1920, as amended and supplemented (30 U.S.C. 181 seq.), the Mineral Leasing Act for Acquired Lands of 1947, as amended (30 U.S.C. 351-359), the Attorney General's Opinion of [redacted] 2, 1941 (40 Op. Atty. Gen. 41), or the

READ INSTRUCTIONS BEFORE COMPLETING

Name Mountain Energy & Resources, Inc.
Street 15800 West 6th Avenue
City, State, Zip Code Golden, CO 80401

This application/offer/lease is for: (Check only One) PUBLIC DOMAIN LANDS ACQUIRED LANDS (percent U.S. interest _____)

Surface managing agency if other than BLM: _____ Unit/Project _____
Legal description of land requested: _____ *Parcel No.: 176 *Sale Date (month/day): Feb / 1992

*SEE ITEM 2 IN INSTRUCTIONS BELOW PRIOR TO COMPLETING PARCEL NUMBER AND SALE DATE.

T. T19S R. R25E Meridian SLB&M State UT County Grand

Sec 3, lot 4, SWNW, W2SW, SESW

Well No. 4 4301930003

STATE OFFICE RECEIVED
FEB 20 AM 9:55
DEPT. OF INTERIOR
BUREAU OF LAND MGMT

Amount remitted: Filing fee \$75.00 Rental fee \$301.50 Total acres applied for 200.65
Total \$376.50

DO NOT WRITE BELOW THIS LINE

Land included in lease:

T. _____ R. _____ Meridian _____ State _____ County _____

This lease embraces the land, acreage, and mineral described in Item 2.

Total acres in lease _____
Rental retained \$ _____

This lease is issued granting the exclusive right to drill for, mine, extract, remove and dispose of all the oil and gas (except helium) in the lands described in Item 3 together with the right to build and maintain necessary improvements thereupon for the term indicated below, subject to renewal or extension in accordance with the appropriate leasing authority. Rights granted are subject to applicable laws, the terms, conditions, and attached stipulations of this lease, the Secretary of the Interior's regulations and formal orders in effect as of lease issuance, and to regulations and formal orders hereafter promulgated when not inconsistent with lease rights granted or specific provisions of this lease.

NOTE: This lease is issued to the high bidder pursuant to his/her duly executed bid or nomination form submitted under 43 CFR 3120 and is subject to the provisions of that bid or nomination and those specified on this form.

Type and primary term of lease:

- Noncompetitive lease (ten years)
- Competitive lease (five years)
- Other _____

THE UNITED STATES OF AMERICA
by Robert [Signature]
Chief, Minerals (Signing Officer)
Adjudication Section APR 5 1993
(Title) (Date)
EFFECTIVE DATE OF LEASE MAY 1 1993

acres in leases and 200,000 acres in options in either leasing District in Alaska; (4) offeror is not considered a minor under the laws of the State in which the lands covered by this offer are located; (5) offeror is in compliance with qualifications concerning Federal oil and gas lease holdings provided in sec. 2(a)(2)(A) of the Mineral Leasing Act; (6) offeror is in compliance with reclamation requirements for all Federal oil and gas lease holdings as required by sec. 1701 of the Mineral Leasing Act; and (7) offeror is not in violation of section 41 of the Act.

(b) Undersigned agrees that signature to this offer constitutes acceptance of this lease, including all terms, conditions, and stipulations which offeror has been given notice, and any amendment or separate lease that may include any land described in this offer open to leasing at the time this offer was filed but omitted for any reason from this lease. The offeror further agrees that this offer cannot be withdrawn, either in whole or in part, unless the withdrawal is received by the proper BLM State Office before this lease, an amendment to this lease, or a separate lease, whichever covers the land described in the withdrawal, has been signed on behalf of the United States.

This offer will be rejected and will afford offeror no priority if it is not properly completed and executed in accordance with the regulations, or if it is not accompanied by the required payments. 18 U.S.C. Sec. 1001 makes it a crime for any person knowingly and willfully to make to any Department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Duly executed this 17th day of August, 19 92. J. M. Burkhalter
(Signature of Lessee or Attorney-in-fact)

LEASE TERMS

Sec. 1. Rentals—Rentals shall be paid to proper office of lessor in advance of each lease year. Annual rental rates per acre or fraction thereof are:

- (a) Noncompetitive lease, \$1.50 for the first 5 years; thereafter \$2.00;
- (b) Competitive lease, \$1.50; for primary term; thereafter \$2.00;
- (c) Other, see attachment, or as specified in regulations at the time this lease is issued.

If this lease or a portion thereof is committed to an approved cooperative or unit plan which includes a well capable of producing leased resources, and the plan contains a provision for allocation of production, royalties shall be paid on the production allocated to this lease. However, annual rentals shall continue to be due at the rate specified in (a), (b), or (c) for those lands not within a participating area.

Failure to pay annual rental, if due, on or before the anniversary date of this lease (or next official working day if office is closed) shall automatically terminate this lease by operation of law. Rentals may be waived, reduced, or suspended by the Secretary upon a sufficient showing by lessee.

Sec. 2. Royalties—Royalties shall be paid to proper office of lessor. Royalties shall be computed in accordance with regulations on production removed or sold. Royalty rates are:

- (a) Noncompetitive lease, 12½%;
- (b) Competitive lease, 12½%;
- (c) Other, see attachment; or as specified in regulations at the time this lease is issued.

Lessor reserves the right to specify whether royalty is to be paid in value or in kind, and the right to establish reasonable minimum values on products after giving lessee notice and an opportunity to be heard. When paid in value, royalties shall be due and payable on the last day of the month following the month in which production occurred. When paid in kind, production shall be delivered, unless otherwise agreed to by lessor, in merchantable condition on the premises where produced without cost to lessor. Lessee shall not be required to hold such production in storage beyond the last day of the month following the month in which production occurred, nor shall lessee be held liable for loss or destruction of royalty oil or other products in storage from causes beyond the reasonable control of lessee.

Minimum royalty in lieu of rental of not less than the rental which otherwise would be required for that lease year shall be payable at the end of each lease year beginning on or after a discovery in paying quantities. This minimum royalty may be waived, suspended, or reduced, and the above royalty rates may be reduced, for all or portions of this lease if the Secretary determines that such action is necessary to encourage the greatest ultimate recovery of the leased resources, or is otherwise justified.

An interest charge shall be assessed on late royalty payments or underpayments in accordance with the Federal Oil and Gas Royalty Management Act of 1982 (FOGRMA) (30 U.S.C. 1701). Lessee shall be liable for royalty payments on oil and gas lost or wasted from a lease site when such loss or waste is due to negligence on the part of the operator, or due to the failure to comply with any rule, regulation, order, or citation issued under FOGRMA or the leasing authority.

Sec. 3. Bonds—A bond shall be filed and maintained for lease operations as required under regulations.

Sec. 4. Diligence, rate of development, unitization, and drainage—Lessee shall exercise reasonable diligence in developing and producing, and shall prevent unnecessary damage to, loss of, or waste of leased resources. Lessor reserves right to specify rates of development and production in the public interest and to require lessee to subscribe to a cooperative or unit plan, within 30 days of notice, if deemed necessary for proper development and operation of area, field, or pool embracing these leased lands. Lessee shall drill and produce wells necessary to protect leased lands from drainage or pay compensatory royalty for drainage in amount determined by lessor.

Sec. 5. Documents, evidence, and inspection—Lessee shall file with proper office of lessor, not later than 30 days after effective date thereof, any contract or evidence of other arrangement for sale or disposal of production. At such times and in such form as lessor may prescribe, lessee shall furnish detailed statements showing amounts and quality of all products removed and sold, proceeds therefrom, and amount used for production purposes or unavoidably lost. Lessee may be required to provide plats and schematic diagrams showing development work and improvements, and reports with respect to parties in interest, expenditures, and depreciation costs. In the form prescribed by lessor, lessee shall keep a daily drilling record, a log, information on well surveys and tests, and a record of subsurface investigations and furnish copies to lessor when required. Lessee shall keep open at all reasonable times for inspection by any authorized officer of lessor, the leased premises and all wells, improvements, machinery, and fixtures thereon, and all books, accounts, maps, and records relative to operations, surveys, or investigations on or in the leased lands. Lessee shall maintain copies of all contracts, sales agreements, accounting records, and documentation such as billings, invoices, or similar documentation that supports

costs claimed as manufacturing, preparation, and/or transportation costs. All such records shall be maintained in lessee's accounting offices for future audit by lessor. Lessee shall maintain required records for 6 years after they are generated or, if an audit or investigation is underway, until released of the obligation to maintain such records by lessor.

During existence of this lease, information obtained under this section shall be closed to inspection by the public in accordance with the Freedom of Information Act (5 U.S.C. 552).

Sec. 6. Conduct of operations—Lessee shall conduct operations in a manner that minimizes adverse impacts to the land, air, and water, to cultural, biological, visual, and other resources, and to other land uses or users. Lessee shall take reasonable measures deemed necessary by lessor to accomplish the intent of this section. To the extent consistent with lease rights granted, such measures may include, but are not limited to, modification to siting or design of facilities, timing of operations, and specification of interim and final reclamation measures. Lessor reserves the right to continue existing uses and to authorize future uses upon or in the leased lands, including the approval of easements or rights-of-way. Such uses shall be conditioned so as to prevent unnecessary or unreasonable interference with rights of lessee.

Prior to disturbing the surface of the leased lands, lessee shall contact lessor to be apprised of procedures to be followed and modifications or reclamation measures that may be necessary. Areas to be disturbed may require inventories or special studies to determine the extent of impacts to other resources. Lessee may be required to complete minor inventories or short term special studies under guidelines provided by lessor. If in the conduct of operations, threatened or endangered species, objects of historic or scientific interest, or substantial unanticipated environmental effects are observed, lessee shall immediately contact lessor. Lessee shall cease any operations that would result in the destruction of such species or objects.

Sec. 7. Mining operations—To the extent that impacts from mining operations would be substantially different or greater than those associated with normal drilling operations, lessor reserves the right to deny approval of such operations.

Sec. 8. Extraction of helium—Lessor reserves the option of extracting or having extracted helium from gas production in a manner specified and by means provided by lessor at no expense or loss to lessee or owner of the gas. Lessee shall include in any contract of sale of gas the provisions of this section.

Sec. 9. Damages to property—Lessee shall pay lessor for damage to lessor's improvements, and shall save and hold lessor harmless from all claims for damage or harm to persons or property as a result of lease operations.

Sec. 10. Protection of diverse interests and equal opportunity—Lessee shall: pay when due all taxes legally assessed and levied under laws of the State or the United States; accord all employees complete freedom of purchase; pay all wages at least twice each month in lawful money of the United States; maintain a safe working environment in accordance with standard industry practices; and take measures necessary to protect the health and safety of the public.

Lessor reserves the right to ensure that production is sold at reasonable prices and to prevent monopoly. If lessee operates a pipeline, or owns controlling interest in a pipeline or a company operating a pipeline, which may be operated accessible to oil derived from these leased lands, lessee shall comply with section 28 of the Mineral Leasing Act of 1920.

Lessee shall comply with Executive Order No. 11246 of September 24, 1965, as amended, and regulations and relevant orders of the Secretary of Labor issued pursuant thereto. Neither lessee nor lessee's subcontractors shall maintain segregated facilities.

Sec. 11. Transfer of lease interests and relinquishment of lease—As required by regulations, lessee shall file with lessor any assignment or other transfer of an interest in this lease. Lessee may relinquish this lease or any legal subdivision by filing in the proper office a written relinquishment, which shall be effective as of the date of filing, subject to the continued obligation of the lessee and surety to pay all accrued rentals and royalties.

Sec. 12. Delivery of premises—At such time as all or portions of this lease are returned to lessor, lessee shall place affected wells in condition for suspension or abandonment, reclaim the land as specified by lessor and, within a reasonable period of time, remove equipment and improvements not deemed necessary by lessor for preservation of producible wells.

Sec. 13. Proceedings in case of default—If lessee fails to comply with any provisions of this lease, and the noncompliance continues for 30 days after written notice thereof, this lease shall be subject to cancellation unless or until the leasehold contains a well capable of production of oil or gas in paying quantities, or the lease is committed to an approved cooperative or unit plan or communitization agreement which contains a well capable of production of unitized substances in paying quantities. This provision shall not be construed to prevent the exercise by lessor of any other legal and equitable remedy, including waiver of the default. Any such remedy or waiver shall not prevent later cancellation for the same default occurring at any other time. Lessee shall be subject to applicable provisions and penalties of FOGRMA (30 U.S.C. 1701).

Sec. 14. Heirs and successors-in-interest—Each obligation of this lease shall extend to and be binding upon, and every benefit hereof shall inure to the heirs, executors, administrators, successors, beneficiaries, or assignees of the respective parties hereto.



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
UTAH STATE OFFICE
324 SOUTH STATE, SUITE 301
SALT LAKE CITY, UTAH 84111-2303



IN REPLY REFER TO

3000
(U-342)

NOTICE TO LESSEE

Provisions of the Mineral Leasing Act (MLA) of 1920, as amended by the Federal Coal Leasing Amendments Act of 1976, affect an entity's qualifications to obtain an oil and gas lease. Section 2(a)(2)(A) of the MLA, 30 U.S.C. 201(a)(2)(A), requires that any entity that holds and has held a Federal coal lease for 10 years beginning on or after August 4, 1976, and which is not producing coal in commercial quantities from each such lease, cannot qualify for the issuance of any other lease granted under the MLA. Compliance by coal lessees with Section 2(a)(2)(A) is explained in 43 CFR 3472.

In accordance with the terms of this oil and gas lease with respect to compliance by the initial lessee with qualifications concerning Federal coal lease holdings, all assignees and transferees are hereby notified that this oil and gas lease is subject to cancellation if: (1) the initial lessee as assignor or as transferor has falsely certified compliance with Section 2(a)(2)(A) or (2) because of a denial or disapproval by a State Office of a pending coal action, i.e., arms-length assignment, relinquishment, or logical mining unit, the initial lessee as assignor or as transferor is no longer in compliance with Section 2(a)(2)(A). The assignee or transferee does not qualify as a bona fide purchaser and, thus, has no rights to bona fide purchaser protection in the event of cancellation of this lease due to noncompliance with Section 2(a)(2)(A).

Information regarding assignor or transferor compliance with Section 2(a)(2)(A) is contained in the lease case file as well as in other Bureau of Land Management records available through the State Office issuing this lease.

UTU-70176
Oil and Gas

STIPULATION

In order to protect antelope fawning, exploration, drilling, and other development activity will be allowed only during the period from June 16 to May 14. This limitation does not apply to maintenance and operation of producing wells. Exceptions to this limitation in any year may be specifically approved in writing by the authorized officer of the Bureau of Land Management.

Surface Management Agencies

- () Cedar City District Office, Bureau of Land Management, 1579 North Main, P.O. Box 729, Cedar City, Utah 84720
- (✓) Moab District Office, Bureau of Land Management, 125 West 2nd South, P.O. Box 970, Moab, Utah 84532
- () Richfield District Office, Bureau of Land Management, 150 East 900 North, P.O. Box 768, Richfield, Utah 84701
- () Salt Lake District Office, Bureau of Land Management, 2370 South 2300 West, Salt Lake City, Utah 84119
- () Vernal District Office, Bureau of Land Management, 91 West Main, P.O. Box F, Vernal, Utah 84078
- () Forest Supervisor, Ashley National Forest, Ashton Energy Center, 1680 West Hwy 40, Suite 1150, Vernal, Utah 84078
- () Forest Supervisor, Dixie National Forest, 82 North 100 East, Cedar City, Utah 84720
- () Forest Supervisor, Fishlake National Forest, 115 East 900 North, Richfield, Utah 84701
- () Forest Supervisor, Uinta National Forest, 88 West 100 North, P.O. Box 1428, Provo, Utah 84601
- () Forest Supervisor, Manti-LaSal National Forest, 599 West Price River Drive, Price, Utah 84501
- () Forest Supervisor, Wasatch National Forest, 8226 Federal Building, 125 South State Street, Salt Lake City, Utah 84138
- () Regional Director, Bureau of Reclamation, P.O. Box 11568, Salt Lake City, Utah 84147
- () Regional Director, Bureau of Reclamation, Boulder City, Nevada 89005
- () Superintendent, Uintah & Ouray Agency, Bureau of Indian Affairs, Fort Duchesne, Utah 84025
- () Navajo Area Office, Bureau of Indian Affairs, P.O. Box 128, Window Rock, Arizona 86515
- () Superintendent, Glen Canyon Recreation Area, National Park Service, P.O. Box 1507, Page, Arizona 86040

UTU0148172	15-2	GSI	21S	23E			430193099300S1	HARRISON T D
UTU0148171B	2A	GSI	20S	23E	13	SESW	430193023300X1	WILLARD H PEASE OIL + GAS CO
UTU0148171	12	ABD	20S	23E	14	SESE	430193113600S1	WILLARD H PEASE OIL + GAS CO
UTU0147904	14-03	POW	20S	23E	14	SESW	430193113500S1	WILLARD H PEASE OIL + GAS CO
UTU0147904	14-02	PGW	20S	23E	14	SESW	430193018800S1	WILLARD H PEASE OIL + GAS CO
UTU0147904	4	OSI	20S	23E	14	NWSW	430193019600S1	WILLARD H PEASE OIL + GAS CO
UTU0146802	5	POW	20S	23E	10	NWSW	430193013700S1	WILLARD H PEASE OIL + GAS CO
UTU0146802	4	GSI	20S	23E	10	SNNW	430193000300S1	STILLAND OILMEN
UTU0146256	4	TA	19S	25E	3	NWSW	430371146400S1	Mountain Energy + Res Inc eff. 5/1/93
UTU0145853A	C-1	TA	40S	23E	20	NWSE	430371001200S1	SAMSON RESOURCES COMPANY
UTU0145853A	C-2	WDW	40S	23E	20	NWSW	430373032500S1	WILLARD H PEASE OIL + GAS CO
UTU0145834	7	OSI	39S	22E	23	NWNW	430373006200S1	WILLARD H PEASE OIL + GAS CO
UTU0145834	5	POW	39S	22E	14	NWSW	430373003700S1	WILLARD H PEASE OIL + GAS CO
UTU0145834	4	TA	39S	22E	14	NWSW	430373001200S1	WILLARD H PEASE OIL + GAS CO
UTU0145834	1	OSI	39S	22E	14	NWSW	430073001800S1	BURR OIL + GAS INCORPORATED
UTU0137844	2B-27	PGW	12S	15E	27	SENW	430191569800S1	H W DOUGHERTY COMPANY
UTU013696	1-B	GSI	17S	24E	8	SNNW	430191569700S1	H W DOUGHERTY COMPANY
UTU013696	1-A	PGW	17S	24E	8	SNNW	430191018500S1	WILLARD H PEASE OIL + GAS CO
UTU0128115	1	PGW	20S	23E	10	SWSW	430191009200S1	BARATINE OIL COMPANY
UTU0126528*LCI	1	PGW	16S	20E	12	NWSW	430191008000S1	CRANUM OILFIELD LIMITED
UTU0125205GRA	1	TA	16S	20E	11	SNNW		

RECEIVED

MAY 10 1993

DIVISION OF
OF GAS & MINING



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

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

May 25, 1993

Carl D. Becker
Mountain Energy & Resources, Inc.
15800 West 6th Avenue
Golden, Colorado 80401

Dear Mr. Becker:

Re: Daymon D. Gililland to Mountain Energy & Resources, Inc.

In reviewing the operator change for the referenced companies, it was determined that your company is not currently registered with the Utah Department of Commerce. This letter is written to advise you of your responsibility to register your company with the state prior to conducting business within Utah. This can be accomplished by contacting:

Department of Commerce
Division of Corporations
160 East 300 South
Salt Lake City, Utah 84111
(801) 530-4849

Sincerely,

Lisha Cordova
Admin. Analyst

cc: Dept. of Commerce
D.T. Staley
R.J. Firth
Operator File(s)
Correspondence File/lcd



Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:	
1-LEP	7-LMC
2-DES	575
3-VLC	✓
4-RJF	✓
5-RWM	✓
6-ADA	✓

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

- Change of Operator (well sold) Designation of Agent
 Designation of Operator Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 5-1-93 & 3-24-93)

TO (new operator)	<u>MOUNTAIN ENERGY & RESOURCES, FROM (former operator)</u>	<u>DAYMON D. GILILLAND</u>
(address)	<u>15800 W 6TH AVE INC.</u>	<u>PO BOX 1844</u>
	<u>GOLDEN, CO 80401</u>	<u>GRAND JUNCTION, CO 81502</u>
	<u>CARL BECKER</u>	
phone	<u>(303) 279-4971</u>	phone <u>(303) 241-3292</u>
account no.	<u>N 8130 (5-25-93)</u>	account no. <u>N 9535</u>

***PHONE # DISCONNECTED/NO FORWARDING #.**

Well(s) (attach additional page if needed):

Name: <u>LANSDALE GOVT #4/ENRD</u>	API: <u>43-019-30003</u>	Entity: <u>10093</u>	Sec <u>3</u> Twp <u>19S</u> Rng <u>25E</u>	Lease Type: <u>UTU7017</u>
Name: <u>LANSDALE GOVT #15/MRSN</u>	API: <u>43-019-30017</u>	Entity: <u>10092</u>	Sec <u>35</u> Twp <u>18S</u> Rng <u>25E</u>	Lease Type: <u>UTU6972</u>
Name: <u>LANSDALE GOVT #1/MRSN</u>	API: <u>43-019-20247</u>	Entity: <u>10091</u>	Sec <u>33</u> Twp <u>18S</u> Rng <u>25E</u>	Lease Type: <u>UTU6972</u>
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- N/A 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(unable to locate)*
- See 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Rec'd 15 & 1 5-24-93)*
- See 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes no) ____ If yes, show company file number: ____ *(5-25-93) Letter mailed!*
- See 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- See 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(5-25-93)*
- See 6. Cardex file has been updated for each well listed above. *(5-25-93)*
- See 7. Well file labels have been updated for each well listed above. *(5-25-93)*
- See 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(5-25-93)*
- See 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- See 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) ____ (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

- See 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- N/A 2. A copy of this form has been placed in the new and former operators' bond files.
- See 3. The former operator has requested a release of liability from their bond (yes/no) ____.
Today's date _____ 19____. If yes, division response was made by letter dated _____ 19____.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- See 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated _____ 19____, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- See 2. Copies of documents have been sent to State Lands for changes involving State leases.

FILMING

- See 1. All attachments to this form have been microfilmed. Date: May 28 1993.

FILED

- See 1. Copies of all attachments to this form have been filed in each well file.
- See 2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

930510 Btm /msab Approved #4, from Daymon Gililand to Mountain Energy & Resources Inc. 5-1-93.
 & #15 and #1 eff. 3-24-93.

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

ROUTING
 CDW

X - Change of Operator (Well Sold)

Operator Name Change/Merger

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

FROM: (Old Operator): Mountain Energy & Resources, Inc. N8130 3585 E 1/2 RD PALISADE, CO 81526 970-464-7820	TO: (New Operator): Flatiron Resources, LLC N3915 11080 Circle Point Road #180 Westminster, CO 80020 303-292-3902
--	---

CA No. Unit: N/A

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
LANSDALE GOVT 1	33	180S	250E	4301920247	10091	Federal	GW	S
LANSDALE GOVT 4	3	190S	250E	4301930003	10093	Federal	GW	TA
LANSDALE GOVT 15	35	180S	250E	4301930017	10092	Federal	GW	TA

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 8/18/2014
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 8/18/2014
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 8/21/2014
- Is the new operator registered in the State of Utah: _____ Business Number: 7544621-0161
- (R649-9-2) Waste Management Plan has been received on: Yes
- Inspections of LA PA state/fee well sites complete on: N/A
- Reports current for Production/Disposition & Sundries on: 8/21/2014
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM Not Yet BIA N/A
- Federal and Indian Units:**
 The BLM or BIA has approved the successor of unit operator for wells listed on: N/A
- Federal and Indian Communization Agreements ("CA"):**
 The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
- Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 8/21/2014
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 8/21/2014
- Bond information entered in RBDMS on: N/A
- Fee/State wells attached to bond in RBDMS on: N/A
- Injection Projects to new operator in RBDMS on: N/A
- Receipt of Acceptance of Drilling Procedures for APD/New on: N/A
- Surface Agreement Sundry from **NEW** operator on Fee Surface wells received on: N/A

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: B007574
- Indian well(s) covered by Bond Number: N/A
- (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number N/A
- The **FORMER** operator has requested a release of liability from their bond on: N/A

LEASE INTEREST OWNER NOTIFICATION:

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

COMMENTS:

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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:
U-0146256

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL OIL WELL GAS WELL OTHER _____

8. WELL NAME and NUMBER:
Landsdale Govt 4

2. NAME OF OPERATOR:
Flatirons Resources LLC N3915

9. API NUMBER:
4301930003

3. ADDRESS OF OPERATOR:
11080 CirclePoint Road#180 CITY Westminster STATE CO ZIP 80020

PHONE NUMBER:
(303) 292-3902

10. FIELD AND POOL, OR WILDCAT:
Greater Cisco

4. LOCATION OF WELL
FOOTAGES AT SURFACE: **1650' North of South, 330' East of West Sec 3, T19S, R25ENWSW** COUNTY: **Grand**
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: **NWSW 3 19S 25E** STATE: **UTAH**

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Change of Operator
	<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.
Change of Operator for 3 gas wells from Mountain Energy & Resources, Inc. to Flatirons Resources LLC with an effective date of 8/1/2014
The additional 2 gas wells within the Greater Cisco Field to include in the same change of Operator:
Landsale Govt #1 Serial No. U-0146256, API=43-019-20247, 990' North of South, 1650' West of East Sec 33, T18S, R25E, SWSE status Shut In.
Govt 15 Serial No. U-14056, API = 43-019-30017 660' East of West, 2000' South of North Sec 35, T18S, R25E SWNW status Temporarily Abandoned.

Mountain Energy & Resources, Inc.
Current Operate Name: (Please Print) Brian Becker Title: Pres
Signature: *Brian Becker* Date: 8/15/14
N8130

NAME (PLEASE PRINT) Jeffery E. Jones TITLE Managing Director
SIGNATURE: *Jeffery E. Jones* DATE 8/15/2014

(This space for State use only)
GWYTA -10893
APPROVED RECEIVED
AUG 21 2014 **AUG 18 2014**
DIV. OIL GAS & MINING DIV. OF OIL, GAS & MINING
(See Instructions on Reverse Side) *Rachel Medina*

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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:
U-0146256

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
OIL WELL GAS WELL OTHER _____

8. WELL NAME and NUMBER:
Landsdale Govt #4

2. NAME OF OPERATOR:
Flatirons Resources LLC

9. API NUMBER:
43019300003

3. ADDRESS OF OPERATOR:
11080 Circle Point Road #18 CITY **Westminster** STATE **CO** ZIP **80020**

PHONE NUMBER:
(303) 292-3902

10. FIELD AND POOL, OR WILDCAT:
Greater Cisco

4. LOCATION OF WELL
FOOTAGES AT SURFACE: **1650' North of South, 330' East of West Sec 3, T19S, R25E NWSW**

COUNTY: **Grand**

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: **NWSW 3 19S 25**

STATE: **UTAH**

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>9/9/2014</u> <input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Flow test/ hookup to gathering system</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

Flatirons intends to flow test the above referenced well and if determine if there is sufficient helium to justify hooking the well up to the gathering system. Since the helium surface line is only about 90 feet from the well head on the same lease we will not need additional rights of way to connect the well. As operator we do not anticipate any additional earth disturbance. The procedure will be as outlined below:

1. Install additional gate valve and wellhead on top of exiting master valve.
2. Measure Pressure
3. Flow test well to atmosphere for 4 hours (shut in if any signs of fluid)
4. Shut well in and measure pressure build up
5. If flow is sufficient to justify producing well, install well equipment as shown in attached production layout.
6. If flow is insufficient rig up wireline and run gauge ring and junk basket, followed by gamma ray and collar locator.
7. Reperforate well with 4 shots per foot from 836-866
8. Flow test well and hook up to gathering system with attached surface equipment if sufficient flow is measured.

COPY SENT TO OPERATOR

Date: 9-22-2014

Initials: KS

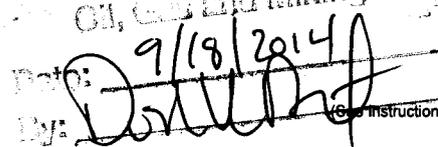
NAME (PLEASE PRINT) **Jeffery E. Jones**

TITLE **Managing Director**

SIGNATURE 

DATE **9/4/2014**

(This space for State use only)

Approved by the
Utah Division of
Oil, Gas and Mining
Date: 9/18/2014
By: 

Federal Approval Of This
Action Is Necessary

RECEIVED

SEP 08 2014

DIV. OF OIL, GAS & MINING

INSTRUCTIONS

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

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

This form is not to be used for proposals to

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

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

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

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

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

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

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

Send to:

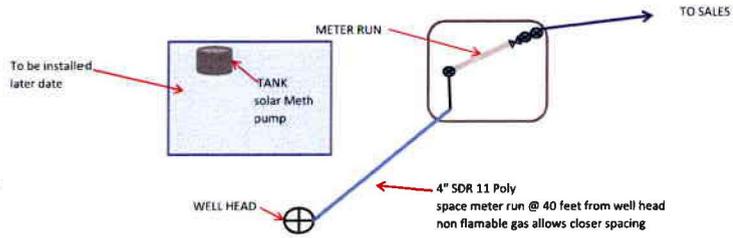
Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

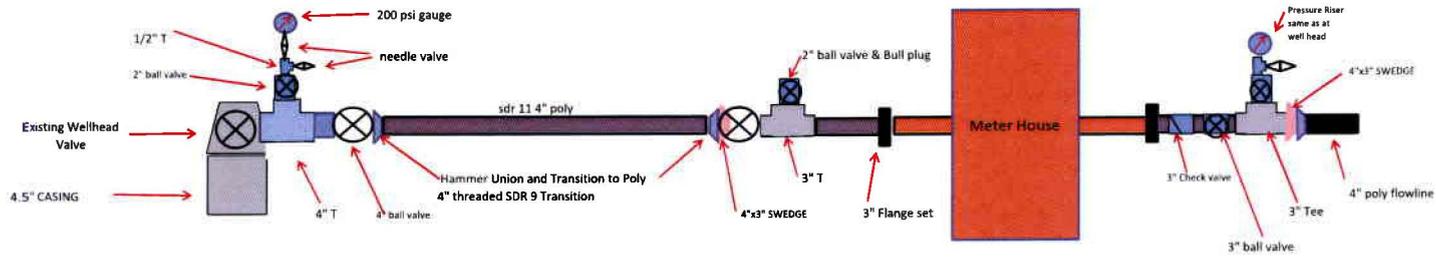
Fax: 801-359-3940

SITE LAYOUT Lansdale Govt #4 Grand County Utah

JEI 9/3/14



Layout for Connection to Pipeline



Approximately 40 feet from Well Head to Meter House

DIV. OF OIL, GAS & MINING

SEP 08 2014

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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:
U-0146256

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.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
OIL WELL GAS WELL OTHER _____

8. WELL NAME and NUMBER:
Landsdale Govt #4

2. NAME OF OPERATOR:
Flatirons Resources LLC

9. API NUMBER:
430190003 430193003

3. ADDRESS OF OPERATOR:
11080 Circle Point Road #18 CITY Westminster STATE CO ZIP 80020

PHONE NUMBER:
(303) 292-3902

10. FIELD AND POOL, OR WILDCAT:
Greater Cisco

4. LOCATION OF WELL

FOOTAGES AT SURFACE: **1650' North of South, 330' East of West, Sec 3 T19S-R25E NWSW**

COUNTY: **Grand**

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: **NWSW 3 19S 25**

STATE: **UTAH**

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 9/24/2014	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input checked="" type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

Following a successful flow test of the above referenced well, the well was hooked up to the gathering system. No reperf was required as the well flowed without reshooting perfs. The **helium** surface line is about 90 feet from the well head and was connected as shown in the attached production layout.

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DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) **Jeffery E. Jones**

TITLE **Managing Director**

SIGNATURE _____

DATE **9/29/2014**

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**Production Management
Measurement, Analytical,
Automation, Well Testing**
Office: 970-245-2490 Fax: 970-245-2492 P.O. BOX 3866 Grand Junction, CO 81501

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DIV. OF OIL, GAS & MINING

FLATIRON RESOURCES LLC - ELECTRONIC FLOW MEASUREMENT CALIBRATION REPORT

LOCATION NO.	101	COUNTY	GRAND	STATE	UTAH	DATE	9/23/2014
STATION OR CUSTOMER	Lansdale #4	RTU ADDRESS	101	RTU GROUP	21	FEDERAL LEASE #	UTU87659 API 430-195-002-90000
GPS LOCATION	LATITUDE		N 39 11. 221'.0"		LOGITUDE		W 109 8.858"
ELEVATION	4955						
LEAK TEST	OK	PASSED	X	NOT PASSED	REPAIRED	NOT REPAIRED	TIME OF TEST
1:30 PM							
TRANSDUCER TYPE	WEATHERFORD CIM MVT			FLOW COMPUTER	0		SERIAL #
S680679SJNC							
CALIBRATION EQUIP MODEL#, SERIAL# RECALIB DATE	PRESS	CRYSTAL MODEL IS33 36/3000psi, SERIAL 2262-145413, DUE 7-21-15		TEMP	THERMOPROBE MODEL TL-1W, SERIAL 1-9719, DUE 7-22-15		RTD
PIE, MODEL 211, SERIAL 110010, DUE 7-23-15							
DIFFERENTIAL TEST				STATIC TEST			
ANALOG	0	RANGE	0-400	ZERO UNDER PRESSURE	NA	ZERO AT ATMOS PRESSURE	0.08
ANALOG	1	RANGE	0-1500	BASE PRESS	14.73	ATMOS PRESS	12.35
LIVE DIFFERENTIAL FOUND	-0.06	LIVE DIFFERENTIAL LEFT	0.00	LIVE STATIC PRESS FOUND	0.10	LIVE STATIC PRESS LEFT	0.00
AS FOUND		AS LEFT		AS FOUND		AS LEFT	
CRYSTAL	FLOW COMPUTER	% ERROR	FLOW COMPUTER	CRYSTAL	FLOW COMPUTER	% ERROR	FLOW COMPUTER
0	0.08	-0.02%	0	0	0.10	-0.02%	0
200	200.18	-0.05%	200	250	250.40	-0.08%	250
400	400.65	-0.16%	400	500	500.01	0.00%	500
ORIFICE PLATE				TEMPERATURE TEST			
SIZE	2	X	1.250	BETA RATIO	0.625		ANALOG
3			RANGE	0-150			
PLATE CONDITION	NEW			Do not drive RTD if flowing temp. is + or- 0.5 degrees of test thermometer			
EDGES SHARP?	YES	SEAL RING CONDITION	NEW		AS FOUND		AS LEFT
BEVELED PLATE?	YES	BEVEL DOWN STREAM?	YES		DEVICE	FLOW COMPUTER	% ERROR
STAMPED OR MEASURED SIZE	1.250	MIC SIZE	NA		0	-1.57	1.05%
ORIFICE FITTING				75	73.13	1.25%	75
SIZE	2.067	TYPE	TMCO	STATIC TAP	US	150	147.83
1.45%	150						
SERIAL #	83692	METER TUBE ID	2.067		LINE TEMPERATURE		
				AS FOUND	AS FOUND	AS LEFT	AS LEFT
				THERMOMETER	FLOW COMPUTER	THERMOMETER	FLOW COMPUTER
REMARKS				103.2	105.5	105.5	105.5
Initial calibration by NRG services. Set up communications with Elynx scada services to the Weatherford RTU. Calibrate static, differential, and temperature. Configure RTU and AGA 92 calculations. Enter in current gas analysis. Build new onsite meter card and calibration report.							
TECHNICIAN SIGNATURE				<i>Sam E. Thornhill</i>			
WITNESS NOTIFICATION				REVIEW			
COMPANY	CONTACT METHOD			REVIEWED BY	<i>John C. Malone</i>		
CONTACT	DATE			DATE	9/26/2014		
WITNESS SIGNATURE	WITNESS DATE						



NATURAL GAS ANALYSIS

LEASE #: U-0146256 NAME/DESCRIP : LANDSDALE GOVT #4
 API 4301930000

PROJECT NO. : 201409112 ANALYSIS NO. : 01
 COMPANY NAME : FLATIRON RESOURCES ANALYSIS DATE: SEPTEMBER 18, 2014 13:42
 OFFICE / BRANCH: SAMPLE DATE :
 CUSTOMER REF: TO:
 PRODUCER : EFFECTIVE DATE:

*****FIELD DATA*****

SAMPLE CYCLE: SAMPLE TYPE:
 SAMPLE PRES. : CYLINDER NO. : F-01
 LAB PRES: SAMPLED BY :
 SAMPLE TEMP. : SAMPLING COMPANY:
 AMBIENT TEMP.: H2S BY STAIN TUBE: - ppm
 H2O BY STAIN TUBE #/mmcf CO2 BY STAIN TUBE: - Mol %
 FIELD COMMENTS: FLOW TEST/ HOOKUP TO GATHERING SYSTEM
 LAB COMMENTS:

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COMPONENTS	NORM. MOLE%	GPM @ 14.73	GPM @ 14.65
HELIUM	7.10	-	-
HYDROGEN	0.00	-	-
OXYGEN/ARGON	0.53	-	-
NITROGEN	86.00	-	-
CO2	1.14	-	-
METHANE	5.14	-	-
ETHANE	0.08	0.0211	0.0209
PROPANE	0.00	0.0000	0.0000
ISOBUTANE	0.01	0.0030	0.0030
N-BUTANE	0.00	0.0000	0.0000
ISOPENTANE	0.00	0.0000	0.0000
N-PENTANE	0.00	0.0000	0.0000
HEXANES+	0.00	0.0000	0.0000
TOTAL	100.00	0.0241	0.0239

BTU @ 60 DEG F **14.73** **14.65**

GROSS DRY REAL = 53.7 /scf 53.4 /scf
 GROSS SATURATED REAL = 52.8 /scf 52.5 /scf

RELATIVE DENSITY (AIR=1 @14.696 PSIA 60F) 0.8943
 GRAVITY (LB/SCF) 0.06825
 COMPRESSIBILITY FACTOR : 0.99968

NOTE: REFERENCE GPA 2261(ASTM D1945 & ASME-PTC), 2145, & 2172 CURRENT PUBLICATIONS

The C6+ is derived from the following ratios of C6, C7 & C8 respectively: 60% 30% 10% Per GPA 2261 sec 7.3.6

The data presented herein has been acquired by means of current analytical techniques and represents the judicious conclusion EMPACT Analytical Systems, Inc. Results of the analysis can be affected by the sampling conditions, therefore, are only warranted through proper lab protocol. EMPACT assumes no responsibility for interpretation or any consequences from application of the reported information and is the sole liability of the user. The reproduction in any media of this reported information may not be made, in portion or as a whole, without the written permission of EMPACT Analytical Systems, Inc.

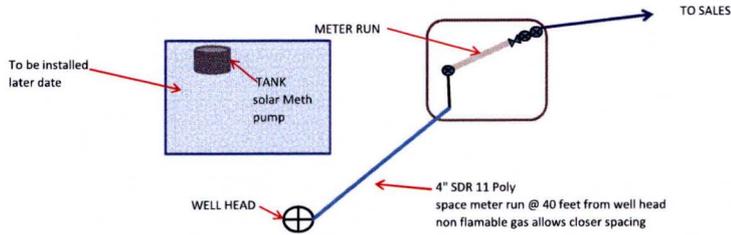
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OCT 03 2014

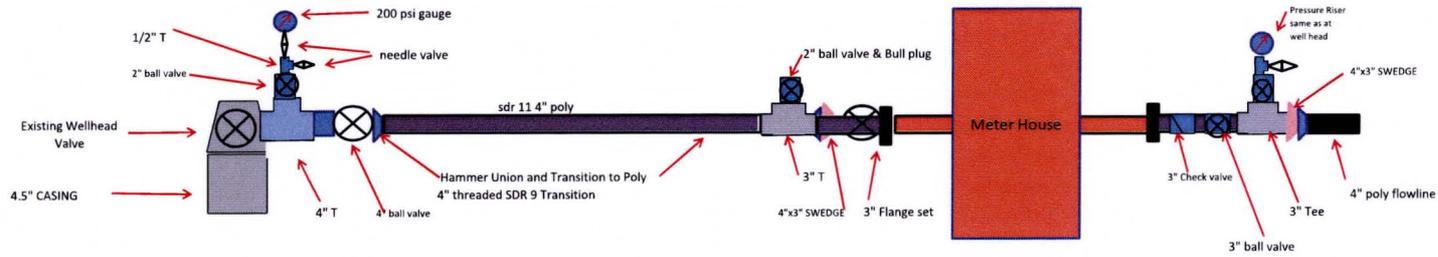
DIV. OF OIL, GAS & MINING

SITE LAYOUT Lansdale Govt #4 Grand County Utah

JEJ 9/3/14



Layout for Connection to Pipeline



Approximately 40 feet from Well Head to Meter House



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

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FORM 9

DIV. OF OIL, GAS & MINING

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: U-0146256
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: Flatirons Resources LLC		8. WELL NAME and NUMBER: Government #1 1
3. ADDRESS OF OPERATOR: 11080 Circle Point Road #18 <small>CITY</small> Westminster <small>STATE</small> CO <small>ZIP</small> 80020		9. API NUMBER: 4301930003
		10. FIELD AND POOL, OR WILDCAT: Greater Cisco
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1650' North of South, 330' East of West Sec 3, T19S, R25E NWS		COUNTY: Grand
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 3 19S 25E		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 checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 11/24/2014	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> PRODUCTION (START/RESUME) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input type="checkbox"/> OTHER: _____

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

The Government #1 well was hooked up to the gathering system.
No reperf was required.
The helium surface line is about 40 feet from the well head and was connected as shown in the attached production layout.

NAME (PLEASE PRINT) Jeffery E. Jones	TITLE Managing Director
SIGNATURE	DATE 12/3/2014

(This space for State use only)



**Production Management
Measurement, Analytical,
Automation, Well Testing**
Office: 970-245-2490 Fax: 970-245-2492 P.O.
BOX 3866 Grand Junction, CO 81501

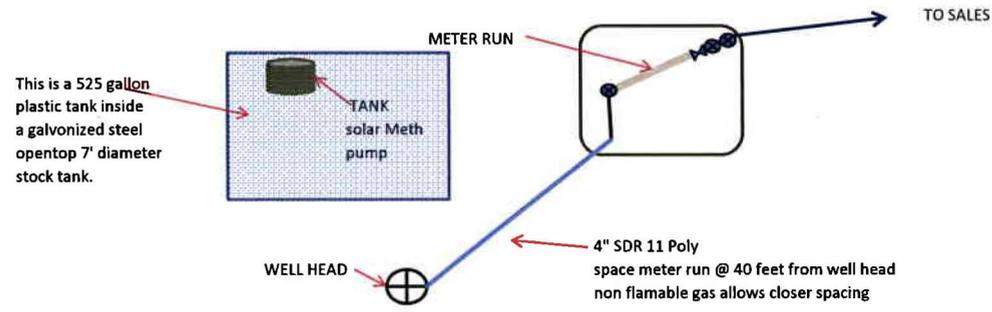
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FLATIRON RESOURCES LLC - ELECTRONIC FLOW MEASUREMENT CALIBRATION REPORT

LOCATION NO	102	COUNTY	GRAND	STATE	UTAH	DATE	11/25/2014								
STATION OR CUSTOMER	Government #1		RTU ADDRESS	102	RTU GROUP	21	FEDERAL LEASE #								
GPS LOCATION	LATITUDE N 39° 11' 32.8"		LOGITUDE W 109° 9'03.1"		ELEVATION 4879										
LEAK TEST	OK	PASSED	X	NOT PASSED	REPAIRED	NOT REPAIRED	TIME OF TEST 4:00 PM								
TRANSDUCER TYPE	WEATHERFORD CIM MVT			FLOW COMPUTER	0	SERIAL # S311287SJNC									
CALIBRATION EQUIP MODEL#, SERIAL# RECALIB DATE	PRESS	CRYSTAL MODEL IS33 36/3000psi, SERIAL 2262-840657, DUE 9-12-14	TEMP	THERMOPROBE MODEL TL-1, SERIAL 1-5711, DUE 9-12-14	RTD PIE, MODEL 511, SERIAL 103704, DUE 9-12-14										
DIFFERENTIAL TEST				STATIC TEST											
ANALOG	0	RANGE	0-400	ZERO UNDER PRESSURE	0.09	ZERO AT ATMOS PRESSURE	0.09	ANALOG	1	RANGE	750	BASE PRESS	14.73	ATMOS PRESS	12.38
LIVE DIFFERENTIAL FOUND		0.09	LIVE DIFFERENTIAL LEFT		0.00	LIVE STATIC PRESS FOUND		64.40	LIVE STATIC PRESS LEFT		64.90				
AS FOUND				AS LEFT											
CRYSTAL	FLOW COMPUTER	% ERROR	FLOW COMPUTER	CRYSTAL	FLOW COMPUTER	% ERROR	FLOW COMPUTER								
0	0.09	-0.02%	0	0	-0.11	0.01%	0								
200	200.86	-0.22%	200	375	375.29	-0.04%	375								
400	401.65	-0.41%	400	750	750.65	-0.09%	750								
ORIFICE PLATE				TEMPERATURE TEST											
SIZE	2	X	1.000	BETA RATIO	0.5	ANALOG	3	RANGE	0-150						
PLATE CONDITION	New			Do not drive RTD if flowing temp. is + or- 0.5 degrees of test thermometer											
EDGES SHARP?	YES	SEAL RING CONDITION	NEW	AS FOUND		AS LEFT									
BEVELED PLATE?	YES	BEVEL DOWN STREAM?	YES	DEVICE	FLOW COMPUTER	% ERROR	FLOW COMPUTER								
STAMPED OR MEASURED SIZE	1.375	MIC SIZE	NA	0	-1.91	1.27%	0								
ORIFICE FITTING				75	72.57	1.62%	75								
SIZE	2.067	TYPE	TMCO	STATIC TAP	US	150	147.27	1.82%	150						
SERIAL #	83689	METER TUBE ID	2.067	LINE TEMPERATURE											
				AS FOUND	AS FOUND	AS LEFT	AS LEFT								
				THERMOMETER	FLOW COMPUTER	THERMOMETER	FLOW COMPUTER								
REMARKS				46.6	44.5	46.6	46.6								
Initial installation and calibration by NRG services. Installed RTU wiring, piping, RTD, communications, charging system and battery. Calibrated meter, build new onsite meter card and calibration report. Checked and saved configuration. Tested communications with SCADA LINKS.															
TECHNICIAN SIGNATURE				<i>Sam E. Shoenhill</i>											
WITNESS NOTIFICATION				REVIEW											
COMPANY	CONTACT METHOD			REVIEWED BY	<i>John C. Malone</i>										
CONTACT	DATE			DATE	11/26/2014										
WITNESS SIGNATURE	WITNESS DATE														

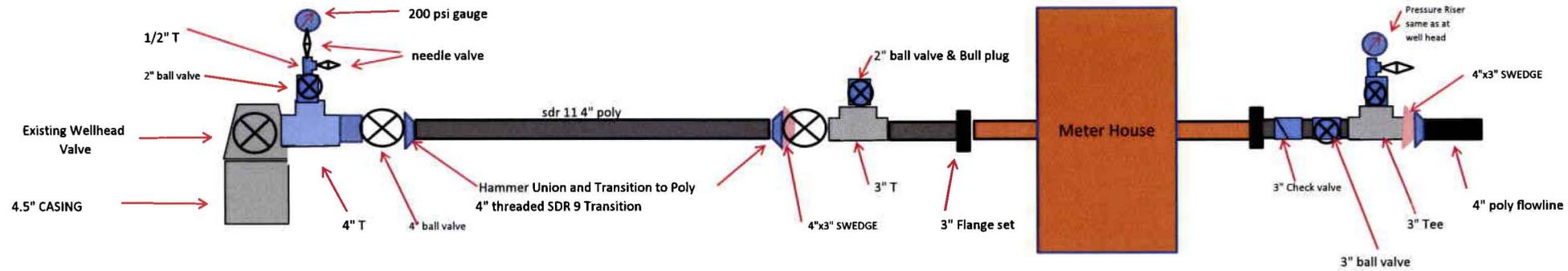
SITE LAYOUT Lansdale Govt. #1 Grand County Utah

JEJ 9/3/14



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Layout for Connection to Pipeline



Approximately 40 feet from Well Head to Meter House
Install methanol tank on the side oposit of of the door so it does not
interfer with getting in and out of the meter hours.
Place methanol pump in meter house along with battery from
solar collector



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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU 70176
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER helium		8. WELL NAME and NUMBER: Lansdale Govt #4
2. NAME OF OPERATOR: Flatirons Resources LLC		9. API NUMBER: 4301930003
3. ADDRESS OF OPERATOR: 11080 Circle Point Road #18 CITY Westminster STATE CO ZIP 80020	PHONE NUMBER: (303) 292-3902	10. FIELD AND POOL, OR WILDCAT: Greater Cisco
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1650' North of South, 330' East of West, Sec 3 T19S-R25E NWSW COUNTY: Grand County QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 3 19S 25E 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"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/RESUME) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: <u>Calibration Report</u>
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 3/23/2015			

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

Calibrate static, checked orifice plate. Changed the temperature RTD location to the first weld. Updated meter card and process calibration report.

RECEIVED
APR 06 2015
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) <u>Jeffery E. Jones</u>	TITLE <u>Managing Director</u>
SIGNATURE	DATE <u>3/30/2015</u>

(This space for State use only)



**Production Management
Measurement, Analytical,
Automation, Well Testing**
Office: 970-245-2490 Fax: 970-245-2492 P.O.
BOX 3866 Grand Junction, CO 81501

FLATIRON RESOURCES LLC - ELECTRONIC FLOW MEASUREMENT CALIBRATION REPORT

LOCATION NO.	101	COUNTY	GRAND	STATE	UTAH	DATE	3/23/2015
STATION OR CUSTOMER	Lansdale #4	RTU ADDRESS	101	RTU GROUP	21	FEDERAL LEASE #	UT087659 API 430-195-002-90000
GPS LOCATION	LATITUDE N 39 11. 221'.0"		LOGITUDE W 109 8.858"		ELEVATION 4955		
LEAK TEST	OK	PASSED	X	NOT PASSED		REPAIRED	
TIME OF TEST	9:00 AM						
TRANSDUCER TYPE	WEATHERFORD CIM MVT			FLOW COMPUTER	0	SERIAL #	S680679SJNC
CALIBRATION EQUIP MODEL#	PRESS	CRYSTAL MODEL IS33 36/3000psi, SERIAL 2262-145413, DUE 7-21-15	TEMP	THERMOPROBE MODEL TL-1W, SERIAL 1-9719, DUE 7-22-15	RTD	PIE, MODEL 211, SERIAL 110010, DUE 7-23-15	
DIFFERENTIAL TEST				STATIC TEST			
ANALOG	0	RANGE	0-400	ZERO UNDER PRESSURE	0.05	ZERO AT ATMOS PRESSURE	0.03
ANALOG	1	RANGE	0-1500	BASE PRESS	14.73	ATMOS PRESS	12.35
LIVE DIFFERENTIAL FOUND	135.80	LIVE DIFFERENTIAL LEFT	135.50	LIVE STATIC PRESS FOUND	70.10	LIVE STATIC PRESS LEFT	63.60
AS FOUND		AS LEFT		AS FOUND		AS LEFT	
CRYSTAL	FLOW COMPUTER	% ERROR	FLOW COMPUTER	CRYSTAL	FLOW COMPUTER	% ERROR	FLOW COMPUTER
0	0.03	-0.01%	0	0	0.05	-0.01%	0
200	200.23	-0.06%	200	250	250.52	-0.10%	250
400	400.57	-0.14%	400	500	500.45	-0.09%	500
ORIFICE PLATE				TEMPERATURE TEST			
SIZE	2	X	0.625	BETA RATIO	0.3125	ANALOG	3
RANGE						RANGE	0-150
PLATE CONDITION	Good			Do not drive RTD if flowing temp. is + or- 0.5 degrees of test thermometer			
EDGES SHARP?	YES	SEAL RING CONDITION	Good	AS FOUND		AS LEFT	
BEVELED PLATE?	YES	BEVEL DOWN STREAM?	YES	DEVICE	FLOW COMPUTER	% ERROR	FLOW COMPUTER
STAMPED OR MEASURED SIZE	0.625	MIC SIZE	NA			#DIV/0!	
ORIFICE FITTING						#DIV/0!	
SIZE	2.067	TYPE	TMCO	STATIC TAP	US		#DIV/0!
SERIAL #	83692	METER TUBE ID	2.067	LINE TEMPERATURE			
				AS FOUND	AS FOUND	AS LEFT	AS LEFT
				THERMOMETER	FLOW COMPUTER	THERMOMETER	FLOW COMPUTER
REMARKS				60.7	60.5	52.3	52.3
Calibrate static, differential, and tested temperature. Checked orifice plate. Changed the temperature RTD location to the first weld a let downstream of orifice plate. Updated meter card and process calibration report.							
TECHNICIAN SIGNATURE				<i>Sam E. Thornhill</i>			
WITNESS NOTIFICATION				REVIEW			
COMPANY	BLM	CONTACT METHOD	Phone	REVIEWED BY	<i>John C. Malone</i>		
CONTACT	Jeff Brown/Lee Oliver	DATE	3/19/2015	DATE	3/27/2015		
WITNESS SIGNATURE	<i>Jeff Brown/Lee Oliver</i>	WITNESS DATE	3/23/2015				

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU 70176
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1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>helium</u>		7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: Flatirons Resources LLC		8. WELL NAME and NUMBER: Lansdale Govt #4
3. ADDRESS OF OPERATOR: 11080 Circle Point Road CITY <u>Westminster</u> STATE <u>CO</u> ZIP <u>80020</u>		9. API NUMBER: 4301930003
PHONE NUMBER: (303) 292-3902		10. FIELD AND POOL, OR WILDCAT: Greater Cisco
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1650' North of South, 330' East of West Sec 3, T19S, R25E NW⁴		COUNTY: Grand County
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 3 19S 25E		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 type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Flow Measurement Calibration Report</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

Cleaned and inspected the orifice plate and verified RTD, the differential and static pressures were calibrated

RECEIVED
JUL 06 2015
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) <u>Jeffery E. Jones</u>	TITLE <u>Managing Director</u>
SIGNATURE	DATE <u>7/1/2015</u>

(This space for State use only)



**Production Management
Measurement, Analytical,
Automation, Well Testing**
Office: 970-245-2490 Fax: 970-245-2492 P.O.
BOX 3866 Grand Junction, CO 81501

FLATIRON RESOURCES LLC - ELECTRONIC FLOW MEASUREMENT CALIBRATION REPORT

LOCATION NO.	101	COUNTY	GRAND	STATE	UTAH	DATE	6/26/2015								
STATION OR CUSTOMER	Lansdale Government #4	RTU ADDRESS	101	RTU GROUP	21	FEDERAL LEASE #	UTU70176 API 430 193 000 30000								
GPS LOCATION	LATITUDE N 39 11. 221'.0"		LOGITUDE W 109 8.858"		ELEVATION 4955										
LEAK TEST	OK	PASSED	X	NOT PASSED	REPAIRED	NOT REPAIRED	TIME OF TEST 2:30 PM								
TRANSDUCER TYPE	WEATHERFORD CIM MVT			FLOW COMPUTER	0	SERIAL #	S680679SJNC								
CALIBRATION EQUIP MODEL# SERIAL# RECALIB DATE	PRESS CRYSTAL IS33-36/3000 PSI, S/N 2262-840542, DUE DATE 04/14/2016		TEMP	THERMOPROBE TL-1W, S/N 1-5710, DUE DATE 4/14/2016		RTD	PIE, MODEL 211, SERIAL 109653, DUE 04/13/2016								
DIFFERENTIAL TEST				STATIC TEST											
ANALOG	0	RANGE	0-400	ZERO UNDER PRESSURE	0.14	ZERO AT ATMOS PRESSURE	0.11	ANALOG	1	RANGE	0-1500	BASE PRESS	14.73	ATMOS PRESS	12.35
LIVE DIFFERENTIAL FOUND	141.52	LIVE DIFFERENTIAL LEFT	59.99	LIVE STATIC PRESS FOUND	59.21	LIVE STATIC PRESS LEFT	74.34								
AS FOUND				AS LEFT				AS FOUND				AS LEFT			
CRYSTAL	FLOW COMPUTER	% ERROR	FLOW COMPUTER	CRYSTAL	FLOW COMPUTER	% ERROR	FLOW COMPUTER	CRYSTAL	FLOW COMPUTER	% ERROR	FLOW COMPUTER	CRYSTAL	FLOW COMPUTER	% ERROR	FLOW COMPUTER
0	-0.70	0.18%	0	0	0.13	-0.03%	0	0	0.13	-0.03%	0	0	0.13	-0.03%	0
200	198.93	0.27%	200	250	250.34	-0.07%	250	250	250.34	-0.07%	250	250	250.34	-0.07%	250
400	398.80	0.30%	400	500	500.50	-0.10%	500	500	500.50	-0.10%	500	500	500.50	-0.10%	500
ORIFICE PLATE								TEMPERATURE TEST							
SIZE	2	X	0.625	BETA RATIO	0.3125	ANALOG	3	RANGE	0-150						
PLATE CONDITION	Good							Do not drive RTD if <u>flowing</u> temp. is + or - 0.5 degrees of test thermometer							
EDGES SHARP?	YES	SEAL RING CONDITION	Good	AS FOUND				AS LEFT							
BEVELED PLATE?	YES	BEVEL DOWN STREAM?	YES	DEVICE	FLOW COMPUTER	% ERROR	FLOW COMPUTER								
STAMPED OR MEASURED SIZE	0.625	MIC SIZE	NA			#DIV/0!									
ORIFICE FITTING															
SIZE	2.067	TYPE	TMCO	STATIC TAP	US			#DIV/0!							
SERIAL #	83692	METER TUBE ID	2.067	LINE TEMPERATURE											
				AS FOUND	AS FOUND	AS LEFT	AS LEFT								
				THERMOMETER	FLOW COMPUTER	THERMOMETER	FLOW COMPUTER								
REMARKS				90.2	90.4	Same	Same								
Cleaned and inspected the orifice plate, the RTD was verified and the differential and static pressures were calibrated.															
TECHNICIAN SIGNATURE								<i>Benjamin Thornhill</i>							
WITNESS NOTIFICATION								REVIEW							
COMPANY				CONTACT METHOD				REVIEWED BY	<i>John C. Malone</i>						
CONTACT				DATE				DATE	6/30/2015						
WITNESS SIGNATURE				WITNESS DATE											

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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:
UTU 70176

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL OIL WELL GAS WELL OTHER **helium**

8. WELL NAME and NUMBER:
Lansdale Govt #4

2. NAME OF OPERATOR:
Flatirons Resources LLC

9. API NUMBER:
4301930003

3. ADDRESS OF OPERATOR:
1080 CirclePoint Road #180 CITY **Westminster** STATE **CO** ZIP **80020**

PHONE NUMBER:
(303) 292-3902

10. FIELD AND POOL, OR WILDCAT:
Greater Cisco

4. LOCATION OF WELL

FOOTAGES AT SURFACE: **1650' North of South, 330' East of West Sec 3, T19S, R25E NWS**

COUNTY: **Grand County**

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: **NWSW 3 19S 25E**

STATE: **UTAH**

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 9/30/2015	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Calibration Report
	<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.

Cleaned and inspected the orifice plate, the RTD was verified and the differential and static pressures were calibrated

RECEIVED

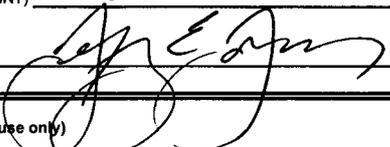
OCT 13 2015

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) **Jeffery E. Jones**

TITLE **Managing Director**

SIGNATURE _____



DATE **10/8/2015**

(This space for State use only)



**Production Management
Measurement, Analytical,
Automation, Well Testing**
Office: 970-245-2490 Fax: 970-245-2492
P.O. BOX 3866 Grand Junction, CO 81501

FLATIRON RESOURCES LLC - ELECTRONIC FLOW MEASUREMENT CALIBRATION REPORT

LOCATION NO.	101	COUNTY	GRAND	STATE	UTAH	DATE	9/30/2015								
STATION OR CUSTOMER	Lansdale Government #4	RTU ADDRESS	101	RTU GROUP	21	FEDERAL LEASE #	UTU70176 API 430 193 000 30000								
GPS LOCATION	LATITUDE	N 39 11. 221'.0"		LOGITUDE	W 109 8.858"		ELEVATION	4955							
LEAK TEST	OK	PASSED	X	NOT PASSED	REPAIRED	NOT REPAIRED	TIME OF TEST	12:00 PM							
TRANSDUCER TYPE	WEATHERFORD CIM MVT			FLOW COMPUTER	0	SERIAL #	S680679SJNC								
CALIBRATION EQUIP MODEL# SERIAL# RECALIB DATE	PRESS	CRYSTAL IS33-36/3000 PSI, S/N 2262-840542, DUE DATE 04/14/2016	TEMP	THERMOPROBE TL-1W, S/N 1-5710, DUE DATE 4/14/2016	RTD	PIE, MODEL 211, SERIAL 109653, DUE 04/13/2016									
DIFFERENTIAL TEST				STATIC TEST											
ANALOG	0	RANGE	0-400	ZERO UNDER PRESSURE	-0.03	ZERO AT ATMOS PRESSURE	-0.02	ANALOG	1	RANGE	0-1500	BASE PRESS	14.73	ATMOS PRESS	12.35
LIVE DIFFERENTIAL FOUND	-0.03		LIVE DIFFERENTIAL LEFT	0.00		LIVE STATIC PRESS FOUND	105.97		LIVE STATIC PRESS LEFT	105.99					
AS FOUND				AS LEFT				AS FOUND				AS LEFT			
CRYSTAL	FLOW COMPUTER	% ERROR	FLOW COMPUTER	CRYSTAL	FLOW COMPUTER	% ERROR	FLOW COMPUTER	CRYSTAL	FLOW COMPUTER	% ERROR	FLOW COMPUTER	CRYSTAL	FLOW COMPUTER	% ERROR	FLOW COMPUTER
0	-0.02	0.01%	0	0	-0.02	0.00%	0	0	-0.02	0.00%	0	0	-0.02	0.00%	0
200	200.11	-0.03%	200	250	250.03	-0.01%	250	250	250.03	-0.01%	250	250	250.03	-0.01%	250
400	399.95	0.01%	400	500	499.75	0.05%	500	500	499.75	0.05%	500	500	499.75	0.05%	500
ORIFICE PLATE				TEMPERATURE TEST											
SIZE	2	X	0.625	BETA RATIO	0.3125		ANALOG	3		RANGE	0-150				
PLATE CONDITION	Good			Do not drive RTD if flowing temp. is + or- 0.5 degrees of test thermometer											
EDGES SHARP?	YES	SEAL RING CONDITION	Good		AS FOUND				AS LEFT						
BEVELED PLATE?	YES	BEVEL DOWN STREAM?	YES		DEVICE	FLOW COMPUTER	% ERROR	FLOW COMPUTER	DEVICE	FLOW COMPUTER	% ERROR	FLOW COMPUTER			
STAMPED OR MEASURED SIZE	0.625	MIC SIZE	NA				#DIV/0!				#DIV/0!				
ORIFICE FITTING				LINE TEMPERATURE											
SIZE	2.067	TYPE	TMCO	STATIC TAP	US		AS FOUND	AS FOUND	AS LEFT	AS LEFT					
SERIAL #	83692		METER TUBE ID	2.067		THERMOMETER	FLOW COMPUTER	THERMOMETER	FLOW COMPUTER						
REMARKS				101.8	101.6	Same	Same								
Cleaned and inspected the orifice plate, the RTD was verified and the differential and static pressures were calibrated.															
RECEIVED															
OCT 13 2015															
TECHNICIAN SIGNATURE	<i>Benjamin Thoenhill</i>											DIV. OF OIL, GAS & MINING			
WITNESS NOTIFICATION								REVIEW							
COMPANY	CONTACT METHOD			REVIEWED BY				<i>John C. Malone</i>							
CONTACT	DATE			DATE				10/8/2015							
WITNESS SIGNATURE	WITNESS DATE														

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU70176
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER helium		8. WELL NAME and NUMBER: Lansdale Govt #4
2. NAME OF OPERATOR: Flatirons Resources LLC		9. API NUMBER: 4301930003
3. ADDRESS OF OPERATOR: 11080 Circle Point Road #18 CITY Westminster STATE CO ZIP 80020		10. FIELD AND POOL, OR WILDCAT: Greater Cisco
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1650' North of South, 330' East of West Sec 3, T19S, R25E		COUNTY: Grand
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 3 19S 25E		STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 12/2/2015	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Electronic Flow Measurement Report
	<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.
Cleaned and inspected the orifice plate. Calibrated the differential and static pressures and verified temperatures.

NAME (PLEASE PRINT) Jeffery E. Jones	TITLE Managing Director
SIGNATURE	DATE 12/9/2015

(This space for State use only)



**Production Management
Measurement, Analytical,
Automation, Well Testing**
Office: 970-245-2490 Fax: 970-245-2492 P.O.
BOX 3866 Grand Junction, CO 81501

RECEIVED

DEC 10 2015

DIV. OF OIL, GAS & MINING

FLATIRON RESOURCES LLC - ELECTRONIC FLOW MEASUREMENT CALIBRATION REPORT

LOCATION NO.	101	COUNTY	GRAND	STATE	UTAH	DATE	12/2/2015								
STATION OR CUSTOMER	Lansdale Government #4	RTU ADDRESS	101	RTU GROUP	21	FEDERAL LEASE #	UTU70176 API 430 193 000 30000								
GPS LOCATION	LATITUDE N 39 11. 221'.0"		LOGITUDE W 109 8.858"		ELEVATION 4955										
LEAK TEST	OK	PASSED	X	NOT PASSED	REPAIRED	NOT REPAIRED	TIME OF TEST 12:30 PM								
TRANSDUCER TYPE	WEATHERFORD CIM MVT			FLOW COMPUTER	0	SERIAL #	S680679S.JNC								
CALIBRATION EQUIP MODEL#, SERIAL# RECALIB DATE	PRESS	CRYSTAL MODEL IS33 16/3000psi, SERIAL 2564-144532 DUE 6-17-16	TEMP	THERMOPROBE MODEL TL-1W, SERIAL 1-5802, DUE 6-18-16	RTD	ALETK SERIES 11, SERIAL 161092 DUE 6-17-16									
DIFFERENTIAL TEST				STATIC TEST											
ANALOG	0	RANGE	0-400	ZERO UNDER PRESSURE	-0.03	ZERO AT ATMOS PRESSURE	-0.03	ANALOG	1	RANGE	0-1500	BASE PRESS	14.73	ATMOS PRESS	12.35
LIVE DIFFERENTIAL FOUND	236.40	LIVE DIFFERENTIAL LEFT	193.40	LIVE STATIC PRESS FOUND	27.50	LIVE STATIC PRESS LEFT	34.50								
AS FOUND				AS LEFT											
CRYSTAL	FLOW COMPUTER	% ERROR	FLOW COMPUTER	CRYSTAL	FLOW COMPUTER	% ERROR	FLOW COMPUTER								
0	-0.03	0.01%	0	0	0.04	-0.01%	0								
200	199.96	0.01%	200	250	249.45	0.11%	250								
400	399.29	0.18%	400	500	499.59	0.08%	500								
ORIFICE PLATE				TEMPERATURE TEST											
SIZE	2	X	0.625	BETA RATIO	0.3125	ANALOG	3	RANGE	0-150						
PLATE CONDITION	Good			Do not drive RTD if flowing temp. is + or- 0.5 degrees of test thermometer											
EDGES SHARP?	YES	SEAL RING CONDITION	Good	AS FOUND			AS LEFT								
BEVELED PLATE?	YES	BEVEL DOWN STREAM?	YES	DEVICE	FLOW COMPUTER	% ERROR	FLOW COMPUTER								
STAMPED OR MEASURED SIZE	0.625	MIC SIZE	NA			#DIV/0!									
ORIFICE FITTING						#DIV/0!									
SIZE	2.067	TYPE	TMCO	STATIC TAP	US			#DIV/0!							
SERIAL #	83692	METER TUBE ID	2.067	LINE TEMPERATURE											
				AS FOUND	AS FOUND	AS LEFT	AS LEFT								
				THERMOMETER	FLOW COMPUTER	THERMOMETER	FLOW COMPUTER								
REMARKS				56.4	56.4	Same	Same								
Cleaned and inspected the orifice plate. Calibrated the static and differential and verified the temperature.															
TECHNICIAN SIGNATURE				<i>Sam E. Shoehill</i>											
WITNESS NOTIFICATION				REVIEW											
COMPANY	BL,M	CONTACT METHOD	Phone message	REVIEWED BY	<i>John C. Malone</i>										
CONTACT	Jeff Brown	DATE	11/30/2015	DATE	12/7/2015										
WITNESS SIGNATURE				WITNESS DATE											

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU 70176
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>helium</u>	8. WELL NAME and NUMBER: Lansdale Govt #4	
2. NAME OF OPERATOR: Flatirons Resources LLC		9. API NUMBER: 4301930003
3. ADDRESS OF OPERATOR: 11080 CirclePoint Rd #180 CITY <u>Westminster</u> STATE <u>CO</u> ZIP <u>80020</u>	PHONE NUMBER: (720) 636-9624	10. FIELD AND POOL, OR WILDCAT: Greater Cisco
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1650' North of South, 330' East of West Sec 3, T19S, R25E NW		COUNTY: Grand County
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 3 19S 25E		STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 6/13/2016	<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: <u>Calibration</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
Cleaned and inspected the orifice plate. Verified calibration on static, differential and temperature

RECEIVED
JUN 23 2016
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) <u>Jeffery E. Jones</u>	TITLE <u>Managing Director</u>
SIGNATURE	DATE <u>6/14/2016</u>

(This space for State use only)



Production Management
 Measurement, Analytical,
 Automation, Well Testing
 Office: 970-245-2490 Fax: 970-245-2492 P.O.
 BOX 3866 Grand Junction, CO 81501

FLATIRON RESOURCES LLC - ELECTRONIC FLOW MEASUREMENT CALIBRATION REPORT

LOCATION NO.	101	COUNTY	GRAND	STATE	UTAH	DATE	6/13/2016
STATION OR CUSTOMER	Lansdale Government #4	RTU ADDRESS	101	RTU GROUP	21	FEDERAL LEASE #	UTU70176 API 430 193 000 30000
GPS LOCATION	LATITUDE N 39 11. 221'.0"		LOGITUDE W 109 8.858"		ELEVATION 4955		
LEAK TEST	OK	PASSED	X	NOT PASSED		REPAIRED	
						NOT REPAIRED	
						TIME OF TEST	3:00 PM
TRANSDUCER TYPE	WEATHERFORD CIM MVT			FLOW COMPUTER	0	SERIAL #	S680679SJNC
CALIBRATION EQUIP MODEL#	PRESS	CRYSTAL MODEL IS33 16/3000psi, SERIAL 2564-144532 DUE 6-17-16	TEMP	THERMOPROBE MODEL TL-1W, SERIAL 1-5802, DUE 6-18-16	RTD	ALETK SERIES 11, SERIAL 161092 DUE 6-17-16	
DIFFERENTIAL TEST				STATIC TEST			
ANALOG	0	RANGE	0-400	ZERO UNDER PRESSURE	-0.07	ZERO AT ATMOS PRESSURE	-0.02
ANALOG	1	RANGE	0-1500	BASE PRESS	14.73	ATMOS PRESS	12.35
LIVE DIFFERENTIAL FOUND	0.00	LIVE DIFFERENTIAL LEFT	0.00	LIVE STATIC PRESS FOUND	82.40	LIVE STATIC PRESS LEFT	85.10
AS FOUND				AS LEFT			
CRYSTAL	FLOW COMPUTER	% ERROR	FLOW COMPUTER	CRYSTAL	FLOW COMPUTER	% ERROR	FLOW COMPUTER
0	-0.02	0.01%	0.02	0	-0.09	0.02%	Same
200	20.04	44.99%	199.97	250	250.41	-0.08%	Same
400	400.62	-0.16%	400	500	500.28	-0.06%	Same
ORIFICE PLATE				TEMPERATURE TEST			
SIZE	2	X	0.625	BETA RATIO	0.3125	ANALOG	3
						RANGE	0-150
PLATE CONDITION	Good			Do not drive RTD if <u>flowing</u> temp. is + or- 0.5 degrees of test thermometer			
EDGES SHARP?	YES	SEAL RING CONDITION	Good	AS FOUND			AS LEFT
BEVELED PLATE?	YES	BEVEL DOWN STREAM?	YES	DEVICE	FLOW COMPUTER	% ERROR	FLOW COMPUTER
STAMPED OR MEASURED SIZE	0.625	MIC SIZE	NA			#DIV/0!	
ORIFICE FITTING						#DIV/0!	
SIZE	2.067	TYPE	TMCO (Flanged Taps)	STATIC TAP	US		#DIV/0!
SERIAL #	83692	METER TUBE ID	2.067	LINE TEMPERATURE			
				AS FOUND	AS FOUND	AS LEFT	AS LEFT
				THERMOMETER	FLOW COMPUTER	THERMOMETER	FLOW COMPUTER
				56.4	56.4	Same	Same
REMARKS							
IP address 166.251.70.22. Compressor was off so there was no flow. Cleaned and inspected the orifice plate. Calibrated the differential and verified the static and temperature. Updated meter card and processed reports. Verified communication on all meters with the Scada Lynx host.							
TECHNICIAN SIGNATURE				<i>Sam E. Thornhill</i>			
WITNESS NOTIFICATION				REVIEW			
COMPANY	BL,M	CONTACT METHOD	Phone message	REVIEWED BY	<i>Cathy Theobald</i>		
CONTACT	Jeff Brown	DATE	6/13/2016	DATE	6/14/2016		
WITNESS SIGNATURE				WITNESS DATE			

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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:
UTU 70176

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL OIL WELL GAS WELL OTHER helium

8. WELL NAME and NUMBER:
Lansdale Govt #4

2. NAME OF OPERATOR:
Flatirons Resources LLC

9. API NUMBER:
4301930003

3. ADDRESS OF OPERATOR:
11080 Circle Point Road #18 CITY **Westminster** STATE **CO** ZIP **80020**

PHONE NUMBER:
(720) 636-9630

10. FIELD AND POOL, OR WILDCAT:
Greater Cisco

4. LOCATION OF WELL

FOOTAGES AT SURFACE: **1650' North of South, 330' East of West, Sec 3 T19S-R25E NWSW**

COUNTY: **Grand County**

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: **NWSW 3 19S 25E**

STATE:
UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 12/15/2016	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Calibration Report</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

Calibrated the differential and static pressure and verified temperature. Cleaned and inspected the orifice plate. Updated meter card, saved configuration and process report.

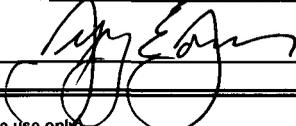
RECEIVED

JAN 09 2017

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Jeffery E. Jones

TITLE Managing Director

SIGNATURE 

DATE 1/5/2017

(This space for State use only)



**Production Management
Measurement, Analytical,
Automation, Well Testing**
Office: 970-245-2490 Fax: 970-245-2492 P.O.
BOX 3866 Grand Junction, CO 81501

FLATIRON RESOURCES LLC - ELECTRONIC FLOW MEASUREMENT CALIBRATION REPORT

LOCATION NO.	101	COUNTY	GRAND	STATE	UTAH	DATE	12/14/2016
STATION OR CUSTOMER	Lansdale Government #4	RTU ADDRESS	101	RTU GROUP	21	FEDERAL LEASE #	UTU70176 API 430 193 000 30000
GPS LOCATION	LATITUDE N 39 11. 221'.0"		LOGITUDE		W 109 8.858"		ELEVATION 4955
LEAK TEST	OK	PASSED	X	NOT PASSED		REPAIRED	
TRANSUCER TYPE	WEATHERFORD CIM MVT		FLOW COMPUTER	0	SERIAL #	S680679SJNC	
CALIBRATION EQUIP MODEL#, SERIAL# RECALIB DATE	PRESS	CRYSTAL MODEL IS33 36/3000psi, SERIAL 2262-637684 DUE 4-27-17	TEMP	THERMOPROBE MODEL TL-1W, SERIAL 1-5710, DUE 4-27-17	RTD	PIE 211 SERIAL 109653 DUE 4-27-17	
DIFFERENTIAL TEST				STATIC TEST			
ANALOG	0	RANGE	0-400	ZERO UNDER PRESSURE	-0.01	ZERO AT ATMOS PRESSURE	0.00
ANALOG	1	RANGE	0-1500	BASE PRESS	14.73	ATMOS PRESS	12.35
LIVE DIFFERENTIAL FOUND	278.20	LIVE DIFFERENTIAL LEFT	277.20	LIVE STATIC PRESS FOUND	20.20	LIVE STATIC PRESS LEFT	21.00
AS FOUND		AS LEFT		AS FOUND		AS LEFT	
CRYSTAL	FLOW COMPUTER	% ERROR	FLOW COMPUTER	CRYSTAL	FLOW COMPUTER	% ERROR	FLOW COMPUTER
0	0.00	0.00%	0	0	0.06	-0.01%	0
200	199.93	0.02%	199.99	250	249.66	0.07%	250
400	399.36	0.16%	400	500	499.76	0.05%	500.01
ORIFICE PLATE				TEMPERATURE TEST			
SIZE	2	X	0.625	BETA RATIO	0.3125		
ANALOG	3			RANGE	0-150		
PLATE CONDITION	Good dirty			Do not drive RTD if <u>flowing</u> temp. is + or- 0.5 degrees of test thermometer			
EDGES SHARP?	YES	SEAL RING CONDITION	Good				
BEVELED PLATE?	YES	BEVEL DOWN STREAM?	YES				
STAMPED OR MEASURED SIZE	0.625	MIC SIZE	NA				
ORIFICE FITTING							
SIZE	2.067	TYPE	TMCO (Flanged Taps)	STATIC TAP	US		
SERIAL #	83692	METER TUBE ID	2.067				
LINE TEMPERATURE							
		AS FOUND	AS FOUND	AS LEFT	AS LEFT		
		THERMOMETER	FLOW COMPUTER	THERMOMETER	FLOW COMPUTER		
REMARKS		51.5	51.2	Same	Same		
IP address 166.251.70.22. Cleaned and inspected the orifice plate. Calibrated the static and differential and verified the temperature. Updated meter card and processed reports. Verified communication on all meters with the Scada Lynx host.							
TECHNICIAN SIGNATURE				<i>Sam E. Thornhill</i>			
WITNESS NOTIFICATION				REVIEW			
COMPANY				CONTACT METHOD	REVIEWED BY <i>Cathy Theobald</i>		
CONTACT				DATE	DATE 12/15/2016		
WITNESS SIGNATURE				WITNESS DATE			