Submit 1 Copy To Appropriate District Office
District I – (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II – (575) 748-1283
811 S. First St., Artesia, NM 88210
District III – (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV – (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

HOBBS OCD
JAN 08 2018
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OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
Revised July 18, 2013

	WELL API NO. 30-025-40448
	5. Indicate Type of Lease STATE ☐ FEE ☒
	6. State Oil & Gas Lease No. NMLC063798
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" (FORM C-101) FOR SUCH PROPOSALS.)	7. Lease Name or Unit Agreement Name Red Hills AGI
1. Type of Well: Oil Well ☐ Gas Well ☐ Other: Acid Gas Injection ☒	8. Well Number #1
2. Name of Operator LUCID ENERGY DELAWARE, LLC	9. OGRID Number 372422
3. Address of Operator 3100 MCKINNON STREET, SUITE 800, DALLAS, TX 75201	10. Pool name or Wildcat EXPLORATION CHERRY CANYON
4. Well Location Unit Letter I : 1600 feet from the South line and 150 feet from the Easy line Section 13 Township 24S Range 33E NMPM County LEA	
11. Elevation *(Show whether DR, RKB, RT, GR, etc.)*: 3580 GR	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	☐	PLUG AND ABANDON	☐	REMEDIAL WORK	☐	ALTERING CASING	☐
TEMPORARILY ABANDON	☐	CHANGE PLANS	☐	COMMENCE DRILLING OPNS.	☐	P AND A	☐
PULL OR ALTER CASING	☐	MULTIPLE COMPL	☐	CASING/CEMENT JOB	☐		
DOWNHOLE COMMINGLE	☐						
CLOSED-LOOP SYSTEM	☐						
OTHER:	☐			OTHER: (Verify No Recoverable Hydrocarbons)			☒

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Lucid Energy Delaware, LLC is submitting the No Recoverable Hydrocarbons Sundry for the Red Hills AGI #1. The recoverable hydrocarbon potential of the approved injection zone (Cherry Canyon Member) has been comprehensively evaluated. To accomplish this, Lucid has conducted an extensive analysis of the well logs, including a full suite of geophysical logs, mud logs, analysis of sidewall core samples, and formation fluid samples (Attachments A, B and C). The results of this detailed analysis, which are summarized in this form and its three attachments, clearly demonstrate that the proposed injection zone does not contain any recoverable hydrocarbons.

The results of these analyses indicate that the minor indications of residual hydrocarbons detected in portions of the proposed injection zone are not recoverable and the zones are wet with residual water saturations.

Based on the analyses detailed in the attachments to this form, Lucid respectfully requests BLM approval that there are no recoverable hydrocarbons in the injection zone.

Spud Date: October 23, 2013 Rig Release Date: November 20, 2013

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Dale T. Littlejohn TITLE Consultant to Lucid Energy DATE 01/08/2018
Type or print name Dale Littlejohn E-mail address: dale@geolex.com PHONE: (505) 842-8000

For State Use Only

APPROVED BY: Accepted for Record Only DATE
Conditions of Approval (if any): MBrown 1/8/2018

Attachment A
Geophysical Logs and Sidewall Core Results

ATTACHMENT A

DEMONSTRATION OF NO RECOVERABLE HYDROCARBONS IN THE CHERRY CANYON MEMBER

EVALUATION OF GEOPHYSICAL LOGS, SIDEWALL CORE, AND FORMATION FLUID

Sec. 13- Twp. 24S-33E
Lea County, New Mexico

Prepared For:
Lucid Energy Delaware, LLC

Prepared By:
Geolex, Inc.
500 Marquette, NW Suite 1350
Albuquerque, NM 87102

January 5, 2017

GEOLEX INCORPORATED

SUMMARY OF FACTORS CONSIDERED IN RESERVOIR EVALUATION FOR RECOVERABLE HYDROCARBONS AND INJECTION SUITABILITY

- The successful evaluation of recoverable hydrocarbon potential and reservoir properties using sidewall cores requires the careful considerations of the limitations of the samples obtained since each actual sidewall is only representative of a small portion of the sampled formation at each sample location.

- The overall evaluation of the reservoir requires the simultaneous consideration of various data types and sources in order to arrive at a reasonable conceptual model of predicted injection performance. These additional data types are evaluated and considered in this analysis and include the complete geophysical log suite for the well including the triple combo, porosity, and resistivity logs, mudlogs, drilling condition reports, and on-site observations. The overall evaluation and recommendations included herein for completion are the result of the analyses and evaluation of these multiple data types.

- In addition, the well appears to be accepting fluids as observed by a 60 psi drop in formation pressure and a 1,223 psi drop in surface pressure after 15 minutes of being shut-in at the end of the step rate test (see BLM and NMOCD Sundries)

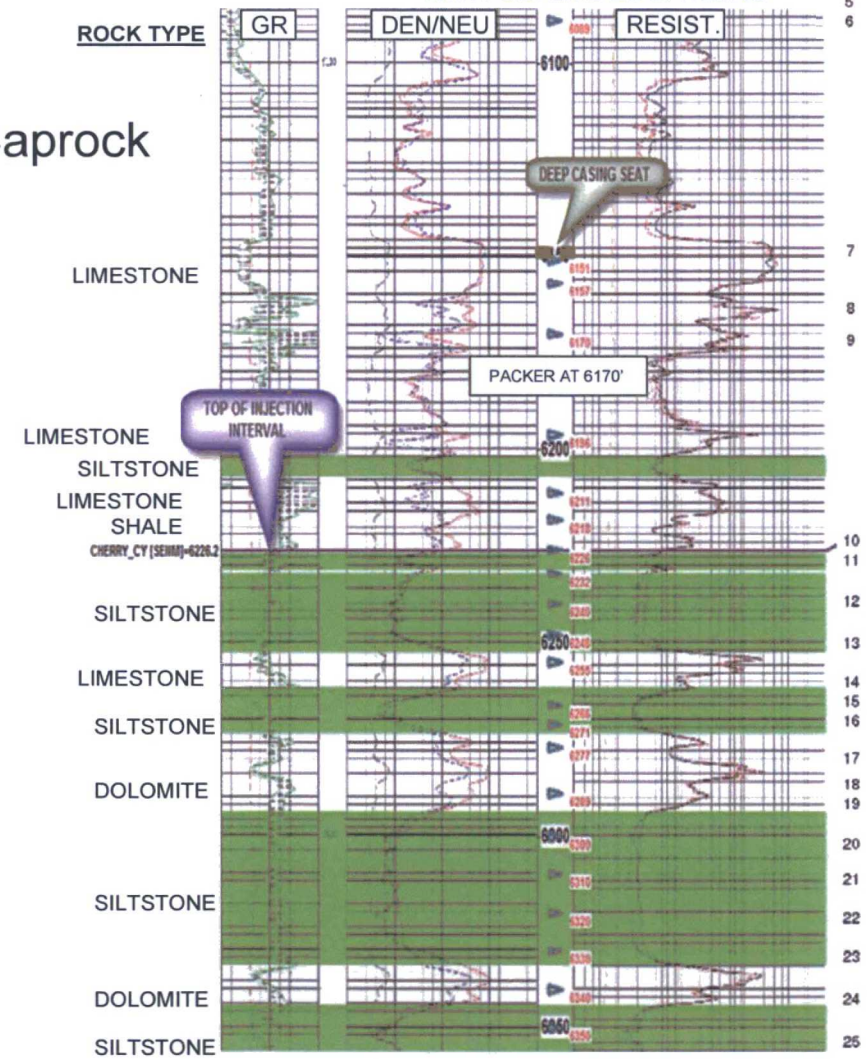
- In the following pages, we have divided the injection interval into 2 log composite segments to integrate the results of the sidewall core analyses, the lithologic architecture of the interval, and the injection perforations. These consolidated log composites along with the supporting data form the basis for the determination of no recoverable hydrocarbons in the proposed injection zone.

- Attachment B includes the detailed evaluation of the mudlog and sidewall cores across the injection interval; which are also discussed in conjunction with the geophysical logs on the following pages.

- In addition to the geophysical logs and mudlogs, formation fluid samples that came from the injection zone (i.e. swabbing) provide further evidence for the lack of recoverable hydrocarbons (Attachment C).

Caprock Zones (no perfs)
NM - Not Measured
Selected Perforation Zones
Fractures

GEOPHYSICAL LOG ANALYSIS WITH CORING LOCATIONS

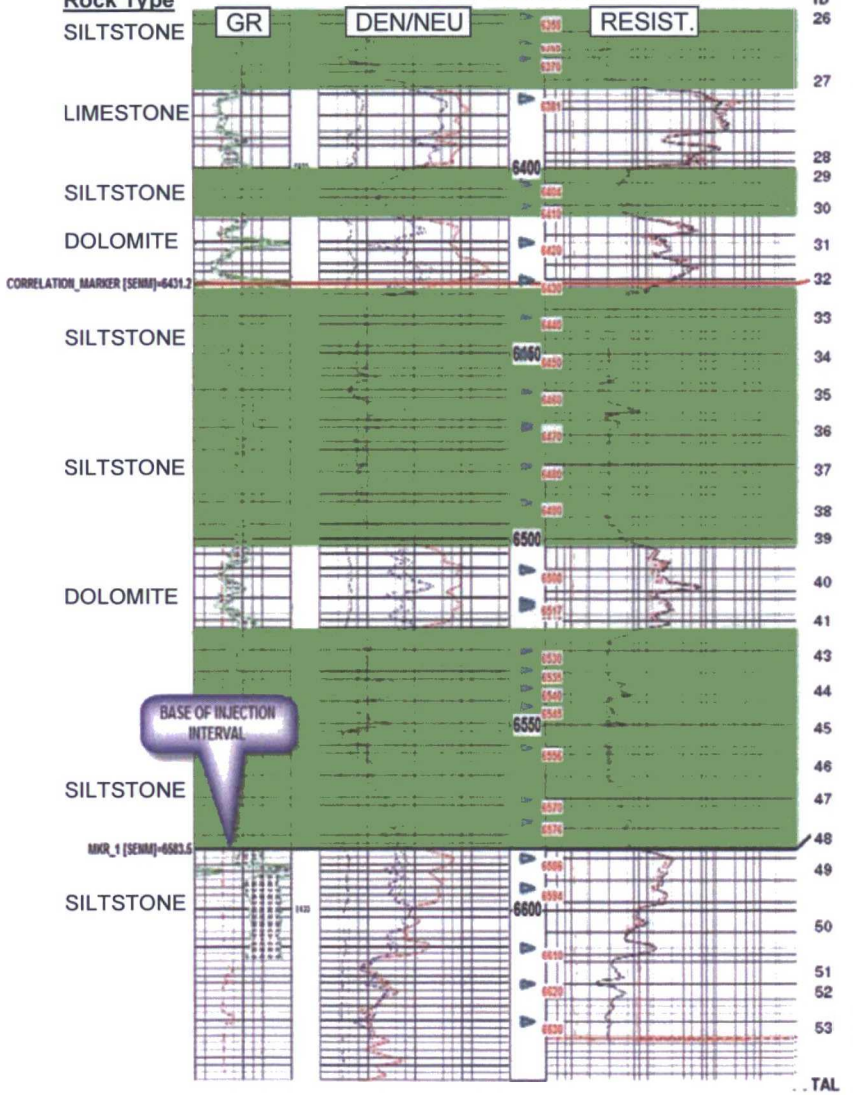


CORE SAMPLE ANALYSIS

Sample ID	Net Porosity/ Zone (ft)	Avg Zone Porosity (%)	Zone	Depth (ft)	Porosity (%)	Perm (mD)
1				6021	4.7	0.0260
2		2.65		6055	4.2	0.0639
3				6063	1.2	0.0767
4				6088	0.5	0.0033
5				**6078**	**17.4**	**0.1736**
6				**6089**	**16.4**	**0.1087**
7		4.30	6090' - 6230' 170 FEET	6151	2.7	0.0697
8				6157	2.0	0.0312
9				6170	6.5	0.0005
				6196	6.0	NM
10				TOP OF INJECTION INTERVAL AT 6230'		
11				6232	11.6	0.3124
12	3.400	17.000	6230'- 6250' 20 FEET	6239	19.0	3.2686
13				6247	20.4	3.0992
14		1.000	6250' - 6260' 10 FEET	6255	1.0	0.0768
15				6266	24.2	NM
16	4.153	20.767	6260'- 6280' 20 FEET	6271	21.2	38.3957
17				6277	16.9	0.8406
18		5.950	6280' -8295' 15 FEET	6289	7.9	0.0489
19				6300	4.0	0.0363
20				6309	20.4	1.3864
21	7.690	19.225	6295'-6335' 40 FEET	6320	20.1	1.5320
22				6330	19.5	1.0723
23				6340	16.9	0.8936
24		4.800	6342' - 6352 10 FEET	6350	4.8	0.0385
25				6358	18.6	0.9246

Caprock Zones (no perfs)
NM - Not Measured
Selected Perforation Zones
Fractures

GEOPHYSICAL LOG ANALYSIS WITH CORING LOCATIONS



CORE SAMPLE ANALYSIS

Net Porosity/ Zone (ft)	Avg Zone Porosity (%)	Zone	Depth (ft)	Porosity (%)	Perm (mD)
10.872	18.120	6355'-6380' 25 FEET	6365	16.6	2.1841
			6370	24.1	11.7823
	1.100	6380' - 6400 20 FEET	6381	1.1	0.0223
2.265	15.100	6400' - 6415' 15 FEET	6404	15.4	9.4653
			6410	14.8	2.2694
	4.100	6415' - 6435' 20 FEET	6420	4.1	0.0154
			6430	4.1	0.0052
12.684	19.514	6435'-6500' 65 FEET	6440	18.4	3.3897
			6450	20.6	9.0986
			6460	23.2	2.3253
			6469	18.80	1.9095
			6470	15.10	0.4888
			6480	19.20	0.6569
			6490	21.30	0.8922
	3.400	6500' - 6525' 25 FEET	6508	5.20	0.0494
			6517	5.00	0.0358
9.850	16.983	6525'-6583' 58 FEET	6530	18.6	0.7110
			6540	14.3	0.1740
			6545	21.6	1.3120
			6556	21.5	1.3558
			6570	18.4	0.5977
			6576	9.5	0.1368
			6586	3.8	0.1434
	7.800	6583' - 6625' 42 FEET	6594	6.8	0.0426
			6610	7.5	0.0439
			6620	9.1	0.0195
This zone not perforated and remains behind pipe			6630	21.1	2.0364

Net Porosity (ft)	Inj. Zone Avg Porosity (%)	Feet of Perfs
50.915	18.10132653	243

BOTTOM OF INJECTION ZONE AT 6583'

Red Hills AGI #1 – Sidewall Core Analysis
6,021' – 6,370'

VERY HIGH
> 15% POR
> 10 mD PERM

HIGH
10 - 14.9% POR
1 – 9 mD PERM

MODERATE
5.0 – 9.9% POR
0.1 – 0.9 mD PERM

LOW
1.0 – 4.9% POR
0.01 – 0.09 mD PERM

VERY LOW
< 1.0% POR
< 0.01 mD PERM

Potential Open Zones

Potential Tight Zones

SAMPLE NO.	DEPTH ft	GRAIN DENSITY	POR %	PERM mD	SATURATIONS Sw	SATURATIONS So	GAS UNITS	FLUORESCENCE %	FLUORESCENCE	LITHOLOGY
1	6021.0	2.68	4.7	0.026	83.4	0.0	0	0	Mf	Ss gy-tn-opaq vf-fgr sbang-sbrnd vcalc sc slty intrbd lam
2	6055.0	2.69	4.2	0.064	82.5	0.0	0	0	Mf	Ss gy-tn-opaq vf-fgr sbang-sbrnd vcalc tr slty intrbd
3	6063.0	2.70	1.2	0.077	91.1	0.0	0	0	Dl mf	Ls dk gy-gy-tn sslty sc slty intrbd
4	6068.0	2.71	0.5	0.003	60.5	0.0	0	0	Dl mf	Ls gy-tn sslty sc slty intrbd tr hl frac
5	6078.0	2.72	17.4	0.174	84.9	0.0	0	0	Dl yl mf	Ls tn-crm sucro sslty sc slty intrbd abd sc sml vug ool
6	6089.0	2.71	16.4	0.109	87.9	0.0	0	0	Dl yl mf	Ls tn-crm sucro sslty sc slty intrbd abd sc sml vug ool
7	6151.0	2.70	2.7	0.070	74.0	0.0	0	0	Dl yl mf	Ls gy-tn sslty sc slty intrbd abd sc calc fd vug ool
8	6157.0	2.71	2.0	0.031	67.6	0.0	0	0	Dl yl mf	Ls gy-tn sslty sc slty intrbd sc calc fd vug frac
9	6170.0	2.71	6.5	<.001	52.5	0.0	0	0	Dl yl mf	Ls tn-crm sslty sc slty intrbd sc calc fd vug ool foss
10	6196.0	2.69	6.0	tbfa	81.4	0.0	5	20	Dl brn	Sh blk-dk gy-gy sslty sc slty intrbd sc bent intrbd sc pyr
11	6232.0	2.68	11.6	0.312	82.3	0.0	0	0		Ss gy-tn-opaq vf-fgr sbang-sbrnd vcalc sc slty intrbd
12	6239.0	2.68	19.0	3.269	88.5	0.0	1	0		Ss gy-tn-opaq vf-fgr sbang-sbrnd scalc sc slty intrbd tr hal
13	6247.0	2.66	20.4	3.099	92.3	0.0	0	0		Ss gy-tn-opaq vf-fgr sbang-sbrnd mcalc sc slty intrbd sc hal
14	6255.0	2.71	1.0	0.076	69.2	0.0	0	0	Dl mf	Ls gy-tn sslty sc slty intrbd sc calc fd vug ool
15	6266.0	2.77	24.2	tbfa	65.6	0.0	0	0	Dl mf	Ss gy-tn-opaq vf-fgr sbang-sbrnd vcalc sc slty intrbd
16	6270.5	2.66	21.2	38.396	88.9	0.0	0	0	Dl mf	Ss gy-tn-opaq vf-fgr sbang-sbrnd vcalc sc slty intrbd tr hal
17	6277.0	2.68	16.9	0.841	90.1	0.0	0	0	Dl mf	Ss gy-tn-opaq vf-fgr sbang-sbrnd scalc sc slty intrbd tr hal
18	6289.0	2.69	7.9	0.049	86.2	0.0	0	0	Dl mf	Ss gy-tn-opaq vf-fgr sbang-sbrnd vcalc sc slty intrbd sc hal
19	6300.0	2.71	4.0	0.036	85.7	0.0	0	0	Dl mf	Ss gy-tn-opaq vf-fgr sbang-sbrnd vcalc sc slty intrbd sc hal
20	6309.5	2.67	20.4	1.386	93.5	0.0	0	0		Ss tn-gy-opaq vf-fgr sbang-sbrnd mcalc sc slty intrbd sc hal
21	6320.0	2.68	20.1	1.532	93.7	0.0	0	0		Ss tn-gy-opaq vf-fgr sbang-sbrnd mcalc sc slty intrbd sc hal
22	6330.0	2.68	19.5	1.072	93.0	0.0	0	0		Ss tn-gy-opaq vf-fgr sbang-sbrnd scalc tr slty intrbd sc hal
23	6340.0	2.68	16.9	0.894	93.0	0.0	0	0		Ss tn-gy-opaq vf-fgr sbang-sbrnd scalc tr slty intrbd sc hal
24	6350.0	2.71	4.8	0.037	76.9	0.0	0	0		Ss tn-gy-opaq vf-fgr sbang-sbrnd vcalc sc slty intrbd sc hal
25	6358.0	2.67	18.6	0.925	93.5	0.0	0	0		Ss tn-gy-opaq vf-fgr sbang-sbrnd scalc sc slty intrbd sc hal
26	6365.0	2.69	16.6	2.184	91.2	0.0	1	0		Ss tn-gy-opaq vf-fgr sbang-sbrnd scalc sc slty intrbd lam sc hal
27	6370.5	2.65	24.1	11.782	95.6	0.0	0	0		Ss tn-gy-opaq vf-fgr sbang-sbrnd scalc tr slty intrbd sc hal

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Red Hills AGI #1 – Sidewall Core Analysis
6,381' – 6,630'

VERY HIGH
> 15% POR
> 10 mD PERM

HIGH
10 - 14.9% POR
1 – 9 mD PERM

MODERATE
5.0 – 9.9% POR
0.1 – 0.9 mD PERM

LOW
1.0 – 4.9% POR
0.01 – 0.09 mD PERM

VERY LOW
< 1.0% POR
< 0.01 mD PERM

Potential Open Zones

Potential Tight Zones

SAMPLE NO.	DEPTH ft	GRAIN DENSITY	POR %	PERM mD	SATURATIONS Sw	So	GAS UNITS	FLUORESCENCE %		LITHOLOGY
28	6381.0	2.72	1.1	0.022	75.2	0.0	0	0	Dl mf	Ls gy-tn sslty sc slty intrbd tr calc fd frac
29	6404.0	2.67	15.4	9.465	89.7	0.0	0	0		Ss tn-gy-opaq vf-fgr sbang-sbrnd scalc tr slty intrbd sc hal
30	6410.0	2.68	14.8	2.269	90.8	0.0	0	0		Ss tn-gy-opaq vf-fgr sbang-sbrnd scalc tr slty intrbd sc hal
31	6420.0	2.77	4.1	0.015	91.5	0.0	0	0	Dl mf	Dol gy-tn sslty sc slty intrbd tr sml vug
32	6430.0	2.81	4.1	0.005	84.7	0.0	9	0	Dl mf	Dol gy-tn sslty sc slty intrbd tr sml vug sc A/I
33	6440.0	2.66	18.4	3.390	91.0	0.0	0	0		Ss gy-tn-opaq vf-fgr sbang-sbrnd scalc tr slty intrbd tr hal
34	6450.0	2.66	20.6	9.099	92.1	0.0	0	0		Ss gy-tn-opaq vf-fgr sbang-sbrnd mcalc tr slty intrbd sc hal
35	6460.0	2.66	23.2	2.325	93.3	0.0	0	0		Ss gy-tn-opaq vf-fgr sbang-sbrnd mcalc tr slty intrbd sc hal
36	6469.0	2.66	18.8	1.909	92.2	0.0	0	0		Ss gy-tn-opaq vf-fgr sbang-sbrnd scalc tr slty intrbd sc hal
37	6470.0	2.67	15.1	0.489	93.1	0.0	0	0		Ss gy-tn-opaq vf-fgr sbang-sbrnd scalc tr slty intrbd tr hal
38	6480.0	2.67	19.2	0.657	89.5	0.0	0	0		Ss gy-tn-opaq vf-fgr sbang-sbrnd mcalc tr slty intrbd sc hal
39	6490.0	2.67	21.3	0.892	92.3	0.0	0	0		Ss gy-tn-opaq vf-fgr sbang-sbrnd scalc tr slty intrbd tr hal
40	6508.0	2.84	5.2	0.049	81.7	0.0	0	0	Dl yl mf	Dol gy-tn sslty sc slty intrbd sc A/I nod
41	6517.0	2.78	5.0	0.036	90.4	0.0	0	0	Dl yl mf	Dol tn-crm sslty sc slty intrbd abd sc A/I
42	6518.0	2.82	5.9	<.001	82.5	0.0	0	0	Dl yl mf	Dol tn-gy sslty sc slty intrbd tr A/I
43	6530.5	2.65	18.6	0.711	87.1	0.0	0	0	Dl mf	Ss gy-tn-opaq vf-fgr sbang-sbrnd mcalc tr slty intrbd tr sml vug
44	6540.0	2.67	14.3	0.174	88.3	0.0	0	0	Dl mf	Ss gy-tn-opaq vf-fgr sbang-sbrnd scalc tr slty intrbd sc hal
45	6545.0	2.67	21.6	1.312	90.7	0.0	0	0	Dl mf	Ss gy-tn-opaq vf-fgr sbang-sbrnd scalc tr slty intrbd tr hal
46	6556.0	2.66	21.5	1.356	92.4	0.0	0	0	Dl mf	Ss gy-tn-opaq vf-fgr sbang-sbrnd mcalc tr slty intrbd sc hal
47	6570.0	2.67	16.4	0.598	90.5	0.0	0	0	Dl mf	Ss tn-gy-opaq vf-fgr sbang-sbrnd mcalc tr slty intrbd tr hal
48	6576.0	2.69	9.5	0.137	88.5	0.0	0	0	Dl mf	Ss gy-tn-opaq vf-fgr sbang-sbrnd scalc sc slty intrbd sc hal
49	6586.0	2.74	3.8	0.143	86.5	0.0	0	0	Dl mf	Ss gy-tn-opaq vf-fgr sbang-sbrnd scalc sc slty lam intrbd tr hal
50	6594.0	2.70	6.8	0.043	86.3	0.0	0	0		Ss gy-tn-opaq vf-fgr sbang-sbrnd scalc sc slty intrbd sc hal
51	6610.0	2.70	7.5	0.044	90.5	0.0	0	0		Ss gy-tn-opaq vf-fgr sbang-sbrnd scalc sc slty intrbd sc hal
52	6620.0	2.69	9.1	0.019	87.9	0.0	0	0		Ss gy-tn-opaq vf-fgr sbang-sbrnd scalc sc slty intrbd tr hal
53	6630.0	2.66	21.1	2.036	90.0	0.0	0	0		Ss gy-tn-opaq vf-fgr sbang-sbrnd scalc tr slty intrbd sc hal

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SUMMARY OF RESERVOIR CHARACTERISTICS OF THE PROPOSED INJECTION INTERVAL DEMONSTRATES NO RECOVERABLE HYDROCARBONS

- Injection is proposed into porous sandstones of the Cherry Canyon Member in the Red Hills AGI #1 well. This interval is composed of fine-medium grained sandstones that contain primary porosity, with interbedded intervals of low porosity and permeability limestone. Secondary porosity (i.e. fractures) may be present in the Cherry Canyon Member.

- Based on nearby wells in the area, this interval is not productive of hydrocarbons.

- Mudlog sample shows throughout the injection interval are very weak (Attachment B). Sample cuts, in the few places found, were likewise weak and very localized, with either no or minor hydrocarbon shows at these locations. Sample cuts indicate wet formation conditions over the entire injection interval. These factors clearly indicate a lack of any movable (recoverable) hydrocarbons.

- Sidewall core results indicate mineral fluorescence, with no shows of hydrocarbon fluorescence across the injection zone. Furthermore, core analysis shows no residual or ambient oil saturation throughout the injection interval, and moderate to high water saturations.

- Formation fluids collected during swabbing show very small concentrations of TPH (Attachment C).

- The sidewall cores, when combined with the lack and quality of mudlog shows and very low TPH in the formation fluid samples, this interval clearly lacks any recoverable hydrocarbons.

END OF ATTACHMENT A

Attachment B
Mud Log with Sidewall Core Images

ATTACHMENT B

MUDLOG EVALUATION FROM 6,230' TO 6,650' (TD)

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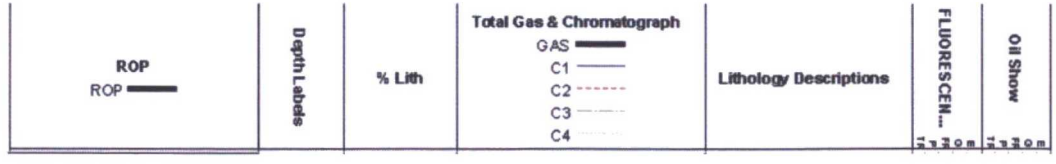
Selman Mudlog Header

- **The contents of the mudlog, including all symbols and readings, are described here.**
- **Fluorescence from sidewall cores collected across the injection interval were analyzed by Weatherford Laboratories.**
- **Sidewall core results show mineral fluorescence and no significant shows across the entire injection interval. The cores shown on the following slides were taken under UV light. Sidewall core locations are discussed below.**



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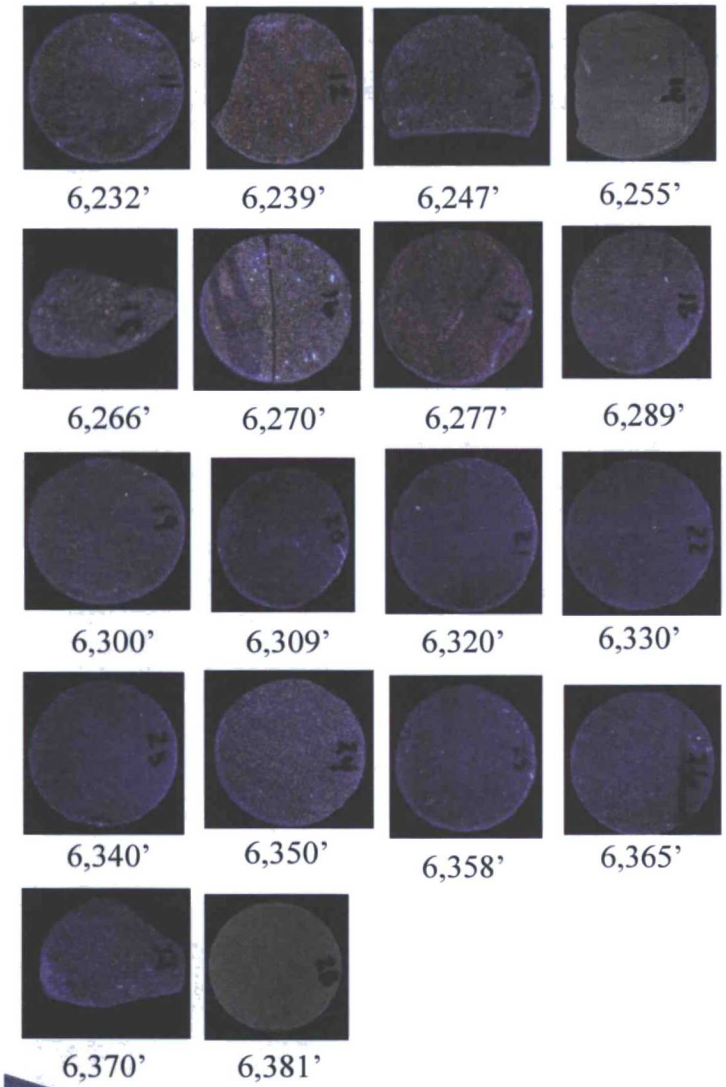
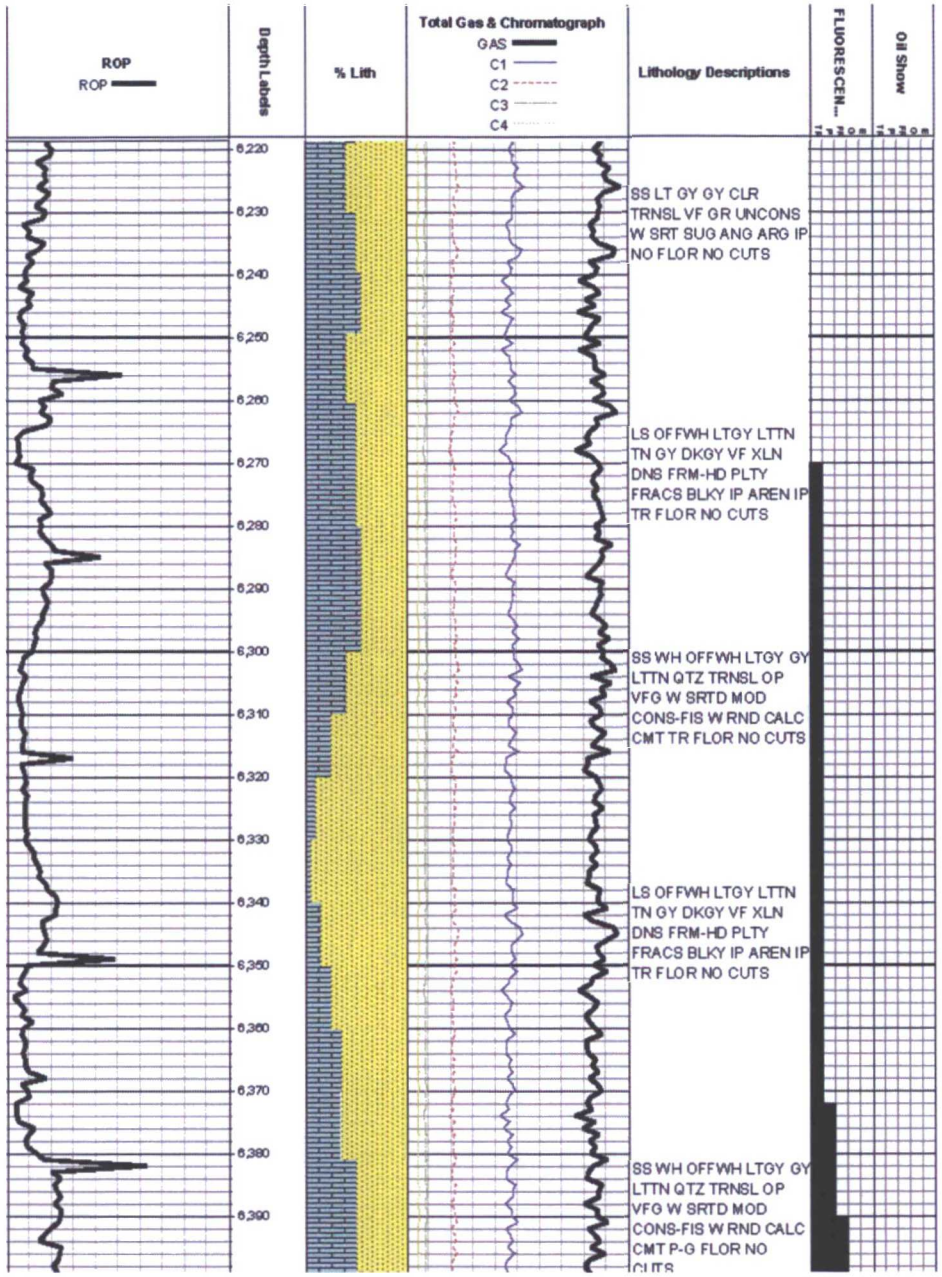
Interval from 6,230' to 6,400'

- **The top of the injection interval is primarily composed of Sandstone and Limestone**





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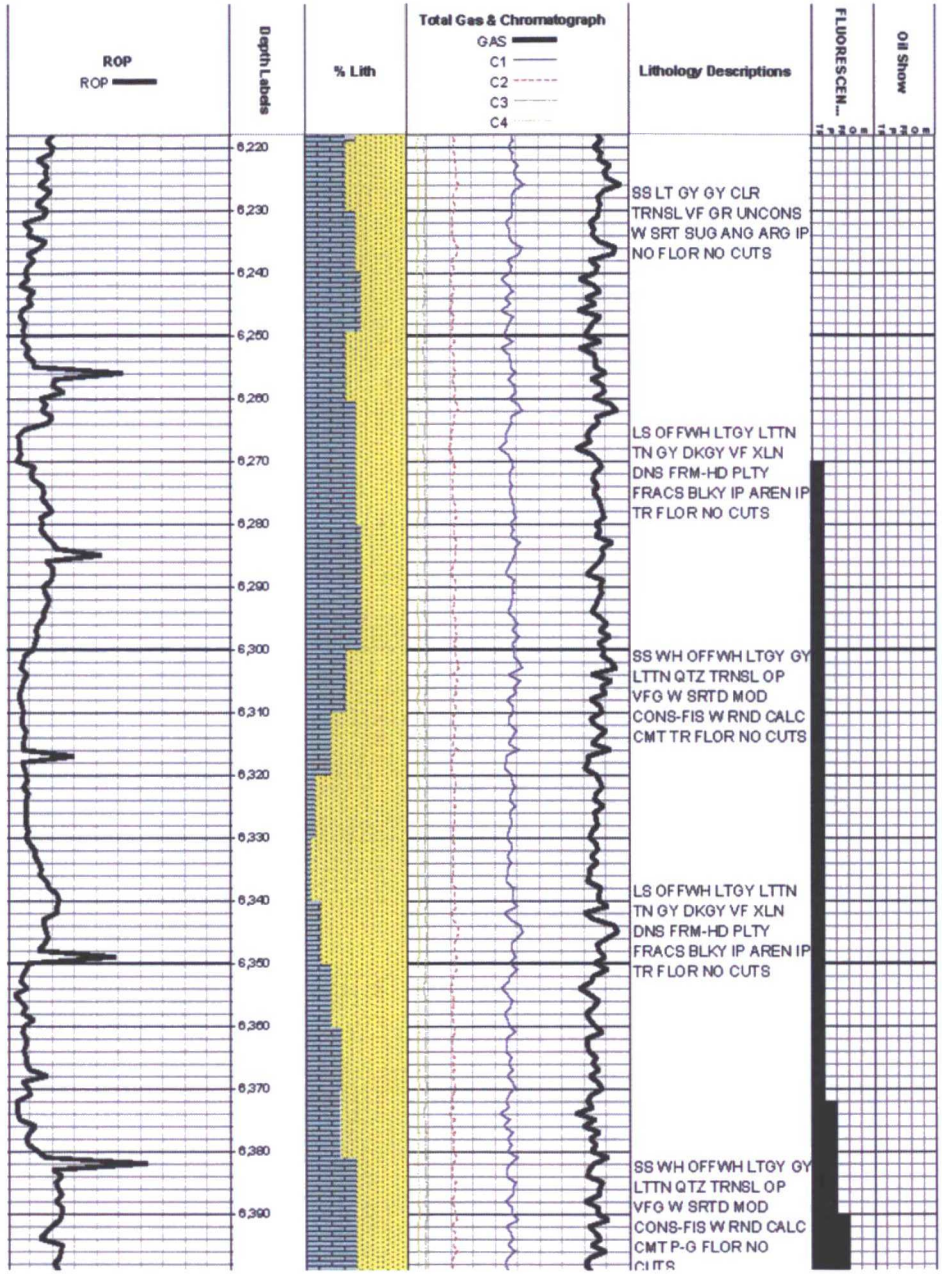
Interval from 6,230' to 6,400' Continued

- **Trace gas (mainly methane) detections are shown on the mudlog near the top of the injection zone that do not exceed 55u/5.5 kppm.**

- **Sidewall cores collected at 6232', 6239', 6247', 6255', 6266', 6270', 6277', 6289', 6300', 6309', 6320', 6330', 6340', 6350', 6358', 6365', 6370', and 6381' have mineral fluorescence with no significant shows.**

- **The average porosity and permeability from sidewall cores collected between 6190' and 6400' are 14.9% and 3.9 mD, respectively**



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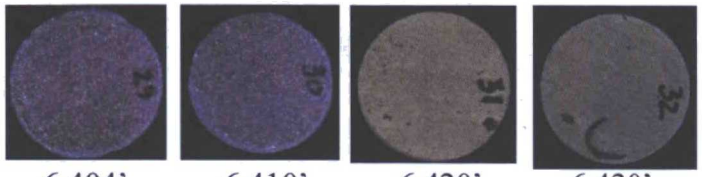
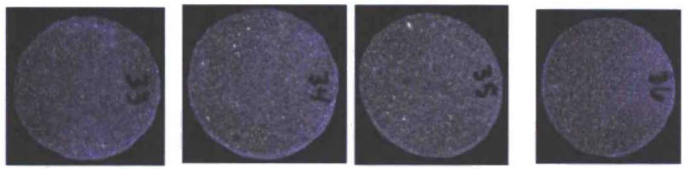
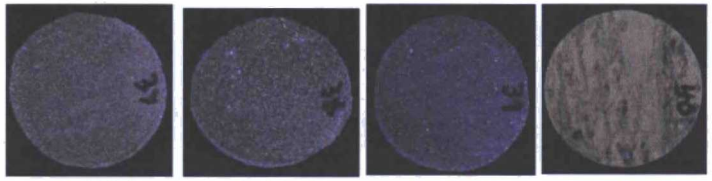
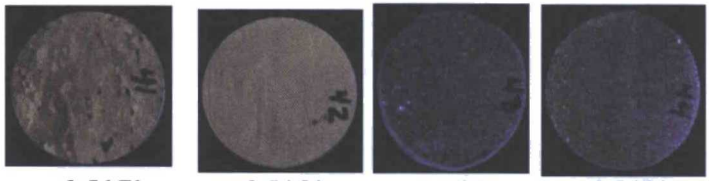
Interval from 6,400' to 6,620'

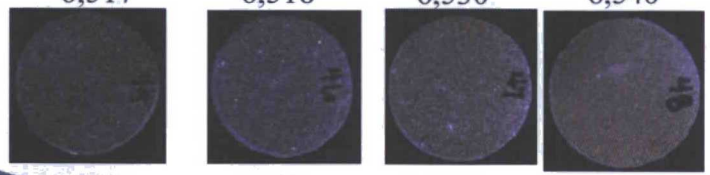
- **The center of the injection interval is composed primarily of sandstone**

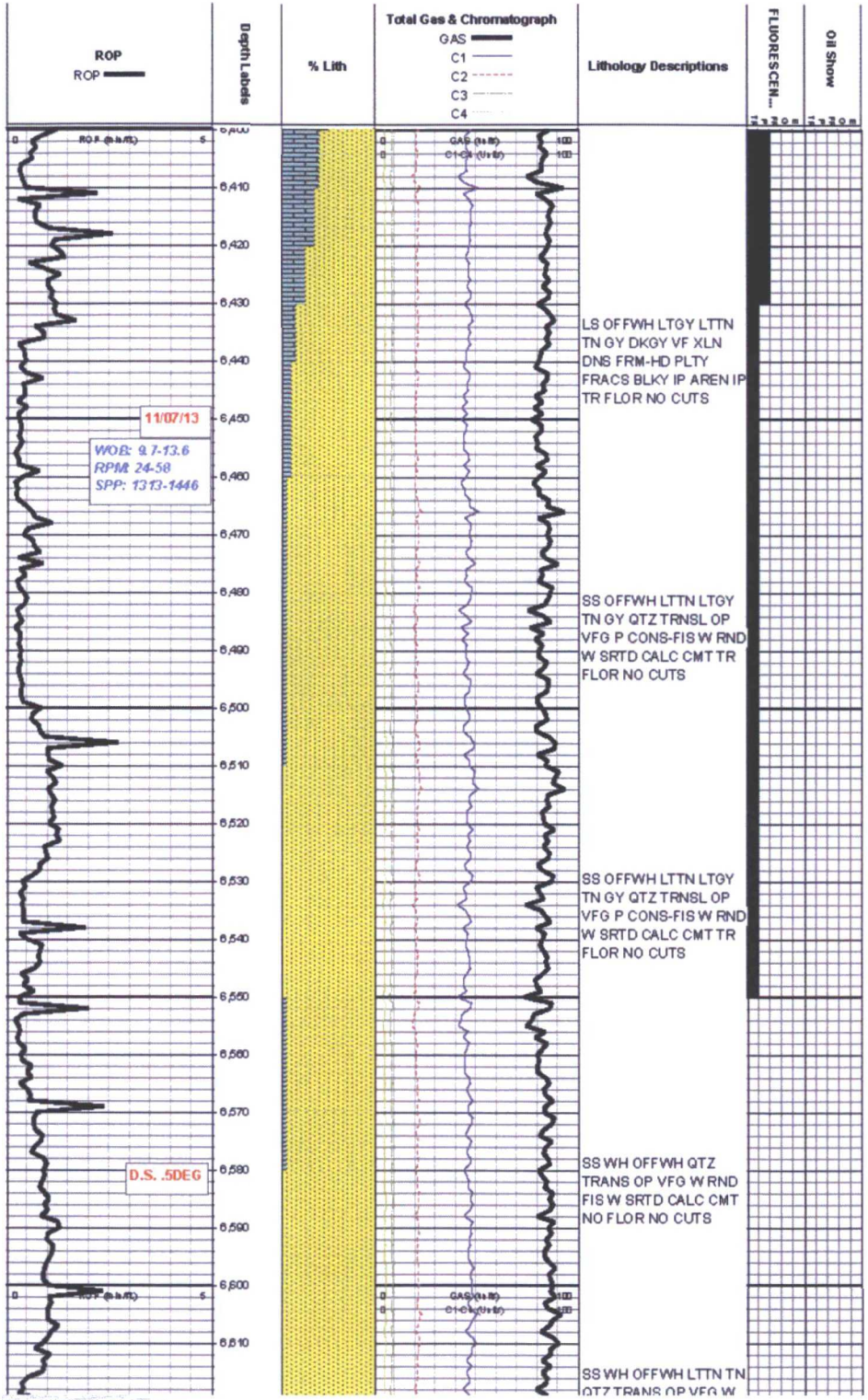

6,404' 6,410' 6,420' 6,430'


6,440' 6,450' 6,460' 6,469'


6,470' 6,480' 6,490' 6,508'


6,517' 6,518' 6,530' 6,540'


6,545' 6,556' 6,570' 6,576'



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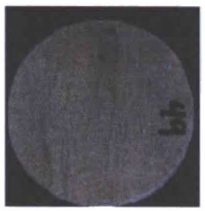
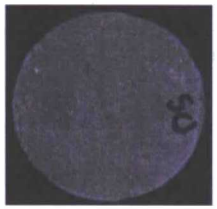
Interval from 6,400' to 6,620' Continued

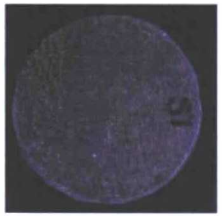
- Trace gas (mainly methane) detections are shown on the mudlog that do not exceed 55u/5.5 kppm.
- Sidewall cores collected at 6404', 6410', 6420', 6430', 6440', 6450', 6460', 6469', 6470', 6480', 6490', 6508', 6517', 6518', 6530', 6540', 6545', 6556', 6570', 6576', 6586', 6594', and 6610' have mineral fluorescence with no significant shows.
- The average porosity and permeability from sidewall cores collected between 6400' and 6620' are 13.5% and 1.6 mD, respectively



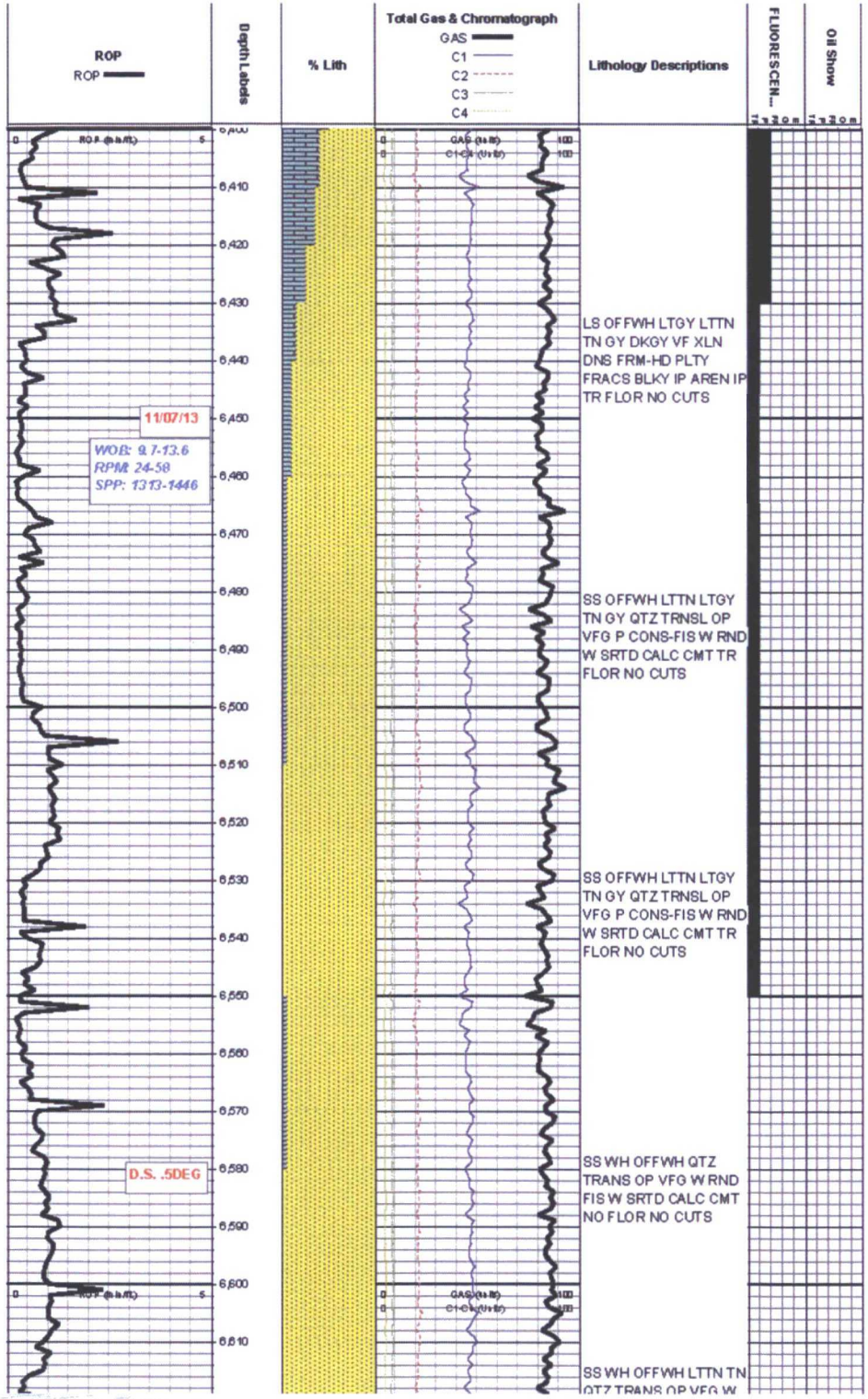
6,586'



6,594'



6,610'



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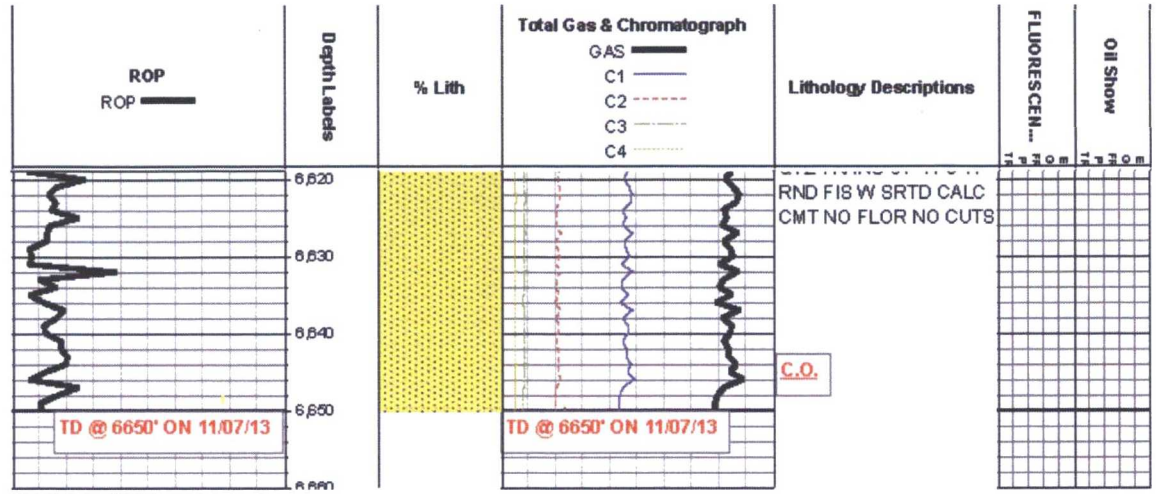
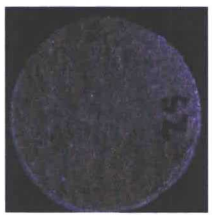
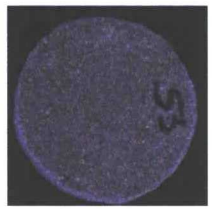
Interval from 6,620' to 6,650'

- **The bottom of the injection zone is primarily composed sandstone**
- **Trace gas (mainly methane) detections are shown on the mudlog that do not exceed 55u/5.5 kppm.**
- **Sidewall cores collected at 6620' and 6630' have mineral fluorescence with no significant shows.**
- **The average porosity and permeability from sidewall cores collected between 6620' and 6650' are 15.1% and 1.0 mD, respectively**





6,620'



6,630'

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Attachment C
Formation Fluid Results

ATTACHMENT C

FORMATION FLUID EVALUATION ACROSS INJECTION INTERVAL

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RED HILLS AGI #1 INJECTION ZONE FORMATION-FLUID RESULTS															
Sample ID	Alkalinity, Bicarbonate	Alkalinity, Carbonate	Cl	Conductivity	pH	SO_4	TDS	Alkalinity, Total	DRO >C10-C28	EXT DRO >C28-C36	TPH	Ca	Mg	K	Na
485 bbls. Recovered	1590	<1.0	178000	253000	5.87	897	243000	1300	5.87	2.46	8.33	26300	3790	1630	63900
522 bbls. Recovered	1460	<1.0	174000	266000	5.84	640	274000	1200	10.6	5.39	15.99	26900	4060	1640	61700
560 bbls. Recovered	1340	<1.0	170000	276000	5.85	580	247000	1100	8.75	5.16	13.91	27100	3970	1690	63800
580 bbls. Recovered	1880	<1.0	182000	278000	5.40	477	296000	1540	6.25	3.41	9.66	25900	3820	1600	60500

- Total Petroleum hydrocarbons range from 8.33 ppm to 15.99 ppm. Laboratory Analytical results are on the following pages.
- This clearly demonstrates there are no commercially available hydrocarbons .

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CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

January 05, 2018

Alberto A. Gutierrez

GEOLEX INC.

500 MARQUETTE AVE, STE. 1350

ALBUQUERQUE, NM 87102

RE: LUCID ENERGY GROUP RED HILLS AGI #1

Enclosed are the results of analyses for samples received by the laboratory on 12/28/17 10:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-17-10. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Total Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B	Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2	Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2	Total Haloacetic Acids (HAA-5)

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

GEOLEX INC. 500 MARQUETTE AVE, STE. 1350 ALBUQUERQUE NM, 87102	Project: LUCID ENERGY GROUP RED HILLS Project Number: 17-026 Project Manager: Alberto A. Gutierrez Fax To:	Reported: 05-Jan-18 11:18

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
485 BBLS RECOVERED	H703610-01	Water	23-Dec-17 00:00	28-Dec-17 10:50
522 BBLS RECOVERED	H703610-02	Water	23-Dec-17 03:00	28-Dec-17 10:50
560 BBLS RECOVERED	H703610-03	Water	23-Dec-17 06:00	28-Dec-17 10:50
580 BBLS RECOVERED	H703610-04	Water	23-Dec-17 08:00	28-Dec-17 10:50

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

GEOLEX INC. 500 MARQUETTE AVE, STE. 1350 ALBUQUERQUE NM, 87102	Project: LUCID ENERGY GROUP RED HILLS Project Number: 17-026 Project Manager: Alberto A. Gutierrez Fax To:	Reported: 05-Jan-18 11:18

485 BBLS RECOVERED

H703610-01 (Water)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Alkalinity, Bicarbonate	**1590**		5.00	mg/L	1	7121901	AC	28-Dec-17	310.1	
Alkalinity, Carbonate	<1.00		1.00	mg/L	1	7121901	AC	28-Dec-17	310.1	
Chloride*	**178000**		4.00	mg/L	1	7122106	AC	28-Dec-17	4500-Cl-B	
Conductivity*	**253000**		1.00	uS/cm	1	7122809	AC	28-Dec-17	120.1	
pH*	**5.87**		0.100	pH Units	1	7122809	AC	28-Dec-17	150.1	
Sulfate*	**897**		250	mg/L	25	7122811	AC	29-Dec-17	375.4	
TDS*	**243000**		5.00	mg/L	1	7122803	AC	02-Jan-18	160.1	
Alkalinity, Total*	**1300**		4.00	mg/L	1	7121901	AC	28-Dec-17	310.1	
Petroleum Hydrocarbons by GC FID										
DRO >C10-C28*	**5.87**		1.00	mg/L	0.1	7122808	MS	29-Dec-17	8015B	
EXT DRO >C28-C36	**2.46**		1.00	mg/L	0.1	7122808	MS	29-Dec-17	8015B	
Surrogate: 1-Chlorooctane			*95.6 %*	*37.1-138*		*7122808*	MS	*29-Dec-17*	*8015B*	
Surrogate: 1-Chlorooctadecane			*94.3 %*	*44.6-151*		*7122808*	MS	*29-Dec-17*	*8015B*	
Green Analytical Laboratories										
Total Recoverable Metals by ICP (E200.7)										
Calcium*	**26300**		25.0	mg/L	250	B801010	JDA	04-Jan-18	EPA200.7	
Magnesium*	**3790**		25.0	mg/L	250	B801010	JDA	04-Jan-18	EPA200.7	
Potassium*	**1630**		250	mg/L	250	B801010	JDA	04-Jan-18	EPA200.7	
Sodium*	**63900**		250	mg/L	250	B801010	JDA	04-Jan-18	EPA200.7	

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

GEOLEX INC. 500 MARQUETTE AVE, STE. 1350 ALBUQUERQUE NM, 87102	Project: LUCID ENERGY GROUP RED HILLS Project Number: 17-026 Project Manager: Alberto A. Gutierrez Fax To:	Reported: 05-Jan-18 11:18

522 BBLS RECOVERED

H703610-02 (Water)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Alkalinity, Bicarbonate	**1460**		5.00	mg/L	1	7121901	AC	28-Dec-17	310.1	
Alkalinity, Carbonate	<1.00		1.00	mg/L	1	7121901	AC	28-Dec-17	310.1	
Chloride*	**174000**		4.00	mg/L	1	7122106	AC	28-Dec-17	4500-Cl-B	
Conductivity*	**266000**		1.00	uS/cm	1	7122809	AC	28-Dec-17	120.1	
pH*	**5.84**		0.100	pH Units	1	7122809	AC	28-Dec-17	150.1	
Sulfate*	**640**		83.3	mg/L	8.33	7122811	AC	29-Dec-17	375.4	
TDS*	**274000**		5.00	mg/L	1	7122803	AC	02-Jan-18	160.1	
Alkalinity, Total*	**1200**		4.00	mg/L	1	7121901	AC	28-Dec-17	310.1	
Petroleum Hydrocarbons by GC FID										
DRO >C10-C28*	**10.6**		1.00	mg/L	0.1	7122808	MS	29-Dec-17	8015B	
EXT DRO >C28-C36	**5.39**		1.00	mg/L	0.1	7122808	MS	29-Dec-17	8015B	
Surrogate: 1-Chlorooctane			*101 %*	*37.1-138*		*7122808*	MS	*29-Dec-17*	*8015B*	
Surrogate: 1-Chlorooctadecane			*101 %*	*44.6-151*		*7122808*	MS	*29-Dec-17*	*8015B*	
Green Analytical Laboratories										
Total Recoverable Metals by ICP (E200.7)										
Calcium*	**26900**		25.0	mg/L	250	B801010	JDA	04-Jan-18	EPA200.7	
Magnesium*	**4060**		25.0	mg/L	250	B801010	JDA	04-Jan-18	EPA200.7	
Potassium*	**1640**		250	mg/L	250	B801010	JDA	04-Jan-18	EPA200.7	
Sodium*	**61700**		250	mg/L	250	B801010	JDA	04-Jan-18	EPA200.7	

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

GEOLEX INC. 500 MARQUETTE AVE, STE. 1350 ALBUQUERQUE NM, 87102	Project: LUCID ENERGY GROUP RED HILLS Project Number: 17-026 Project Manager: Alberto A. Gutierrez Fax To:	Reported: 05-Jan-18 11:18

560 BBLS RECOVERED

H703610-03 (Water)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Alkalinity, Bicarbonate	**1340**		5.00	mg/L	1	7121901	AC	28-Dec-17	310.1	
Alkalinity, Carbonate	<1.00		1.00	mg/L	1	7121901	AC	28-Dec-17	310.1	
Chloride*	**170000**		4.00	mg/L	1	7122106	AC	28-Dec-17	4500-Cl-B	
Conductivity*	**276000**		1.00	uS/cm	1	7122809	AC	28-Dec-17	120.1	
pH*	**5.85**		0.100	pH Units	1	7122809	AC	28-Dec-17	150.1	
Sulfate*	**580**		125	mg/L	12.5	7122811	AC	29-Dec-17	375.4	
TDS*	**247000**		5.00	mg/L	1	7122803	AC	02-Jan-18	160.1	
Alkalinity, Total*	**1100**		4.00	mg/L	1	7121901	AC	28-Dec-17	310.1	
Petroleum Hydrocarbons by GC FID										
DRO >C10-C28*	**8.75**		1.00	mg/L	0.1	7122808	MS	29-Dec-17	8015B	
EXT DRO >C28-C36	**5.16**		1.00	mg/L	0.1	7122808	MS	29-Dec-17	8015B	
Surrogate: 1-Chlorooctane			*101 %*	*37.1-138*		*7122808*	MS	*29-Dec-17*	*8015B*	
Surrogate: 1-Chlorooctadecane			*98.3 %*	*44.6-151*		*7122808*	MS	*29-Dec-17*	*8015B*	
Green Analytical Laboratories										
Total Recoverable Metals by ICP (E200.7)										
Calcium*	**27100**		25.0	mg/L	250	B801010	JDA	04-Jan-18	EPA200.7	
Magnesium*	**3970**		25.0	mg/L	250	B801010	JDA	04-Jan-18	EPA200.7	
Potassium*	**1690**		250	mg/L	250	B801010	JDA	04-Jan-18	EPA200.7	
Sodium*	**63800**		250	mg/L	250	B801010	JDA	04-Jan-18	EPA200.7	

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

GEOLEX INC. 500 MARQUETTE AVE, STE. 1350 ALBUQUERQUE NM, 87102	Project: LUCID ENERGY GROUP RED HILLS Project Number: 17-026 Project Manager: Alberto A. Gutierrez Fax To:	Reported: 05-Jan-18 11:18

580 BBLS RECOVERED

H703610-04 (Water)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Alkalinity, Bicarbonate	**1880**		5.00	mg/L	1	7121901	AC	28-Dec-17	310.1	
Alkalinity, Carbonate	<1.00		1.00	mg/L	1	7121901	AC	28-Dec-17	310.1	
Chloride*	**182000**		4.00	mg/L	1	7122106	AC	28-Dec-17	4500-Cl-B	
Conductivity*	**278000**		1.00	uS/cm	1	7122809	AC	28-Dec-17	120.1	
pH*	**5.40**		0.100	pH Units	1	7122809	AC	28-Dec-17	150.1	
Sulfate*	**477**		125	mg/L	12.5	7122811	AC	29-Dec-17	375.4	
TDS*	**296000**		5.00	mg/L	1	7122803	AC	02-Jan-18	160.1	
Alkalinity, Total*	**1540**		4.00	mg/L	1	7121901	AC	28-Dec-17	310.1	
Petroleum Hydrocarbons by GC FID										
DRO >C10-C28*	**6.25**		1.00	mg/L	0.1	7122808	MS	29-Dec-17	8015B	
EXT DRO >C28-C36	**3.41**		1.00	mg/L	0.1	7122808	MS	29-Dec-17	8015B	
Surrogate: 1-Chlorooctane			*91.2 %*	*37.1-138*		*7122808*	MS	*29-Dec-17*	*8015B*	
Surrogate: 1-Chlorooctadecane			*91.8 %*	*44.6-151*		*7122808*	MS	*29-Dec-17*	*8015B*	
Green Analytical Laboratories										
Total Recoverable Metals by ICP (E200.7)										
Calcium*	**25900**		25.0	mg/L	250	B801010	JDA	04-Jan-18	EPA200.7	
Magnesium*	**3820**		25.0	mg/L	250	B801010	JDA	04-Jan-18	EPA200.7	
Potassium*	**1600**		250	mg/L	250	B801010	JDA	04-Jan-18	EPA200.7	
Sodium*	**60500**		250	mg/L	250	B801010	JDA	04-Jan-18	EPA200.7	

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

GEOLEX INC. 500 MARQUETTE AVE, STE. 1350 ALBUQUERQUE NM, 87102	Project: LUCID ENERGY GROUP RED HILLS Project Number: 17-026 Project Manager: Alberto A. Gutierrez Fax To:	Reported: 05-Jan-18 11:18

Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7121901 - General Prep - Wet Chem										
Blank (7121901-BLK1)				Prepared & Analyzed: 19-Dec-17						
Alkalinity, Carbonate	ND	1.00	mg/L							
Alkalinity, Bicarbonate	10.0	5.00	mg/L							
Alkalinity, Total	8.00	4.00	mg/L							
LCS (7121901-BS1)				Prepared & Analyzed: 19-Dec-17						
Alkalinity, Carbonate	ND	2.50	mg/L				80-120			
Alkalinity, Bicarbonate	330	12.5	mg/L				80-120			
Alkalinity, Total	270	10.0	mg/L	250		108	80-120			
LCS Dup (7121901-BSD1)				Prepared & Analyzed: 19-Dec-17						
Alkalinity, Carbonate	ND	2.50	mg/L				80-120		20	
Alkalinity, Bicarbonate	318	12.5	mg/L				80-120	3.86	20	
Alkalinity, Total	260	10.0	mg/L	250		104	80-120	3.77	20	
Batch 7122106 - General Prep - Wet Chem										
Blank (7122106-BLK1)				Prepared & Analyzed: 21-Dec-17						
Chloride	ND	4.00	mg/L							
LCS (7122106-BS1)				Prepared & Analyzed: 21-Dec-17						
Chloride	104	4.00	mg/L	100		104	80-120			
LCS Dup (7122106-BSD1)				Prepared & Analyzed: 21-Dec-17						
Chloride	104	4.00	mg/L	100		104	80-120	0.00	20	
Batch 7122803 - Filtration										
Blank (7122803-BLK1)				Prepared: 28-Dec-17 Analyzed: 02-Jan-18						
TDS	ND	5.00	mg/L							

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Celey D. Keene, Lab Director/Quality Manager

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PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

GEOLEX INC. 500 MARQUETTE AVE, STE. 1350 ALBUQUERQUE NM, 87102	Project: LUCID ENERGY GROUP RED HILLS Project Number: 17-026 Project Manager: Alberto A. Gutierrez Fax To:	Reported: 05-Jan-18 11:18

Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7122803 - Filtration										
LCS (7122803-BS1)				Prepared: 28-Dec-17 Analyzed: 02-Jan-18						
TDS	218	5.00	mg/L	213		102	80-120			
Duplicate (7122803-DUP1)		**Source: H703604-03**		Prepared: 28-Dec-17 Analyzed: 02-Jan-18						
TDS	21800	5.00	mg/L		21400			1.73	20	
Batch 7122809 - General Prep - Wet Chem										
LCS (7122809-BS1)				Prepared & Analyzed: 28-Dec-17						
pH	7.23		pH Units	7.00		103	90-110			
Conductivity	101000		uS/cm	100000		101	80-120			
Duplicate (7122809-DUP1)		**Source: H703610-01**		Prepared & Analyzed: 28-Dec-17						
pH	5.88	0.100	pH Units		5.87			0.170	20	
Conductivity	279000	1.00	uS/cm		253000			9.93	20	
Batch 7122811 - General Prep - Wet Chem										
Blank (7122811-BLK1)				Prepared: 28-Dec-17 Analyzed: 29-Dec-17						
Sulfate	ND	10.0	mg/L							
LCS (7122811-BS1)				Prepared: 28-Dec-17 Analyzed: 29-Dec-17						
Sulfate	23.4	10.0	mg/L	20.0		117	80-120			
LCS Dup (7122811-BSD1)				Prepared: 28-Dec-17 Analyzed: 29-Dec-17						
Sulfate	24.0	10.0	mg/L	20.0		120	80-120	2.32	20	

Cardinal Laboratories

*=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

GEOLEX INC. 500 MARQUETTE AVE, STE. 1350 ALBUQUERQUE NM, 87102	Project: LUCID ENERGY GROUP RED HILLS Project Number: 17-026 Project Manager: Alberto A. Gutierrez Fax To:	Reported: 05-Jan-18 11:18

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7122808 - General Prep - Organics										
Blank (7122808-BLK1)				Prepared: 28-Dec-17 Analyzed: 29-Dec-17						
GRO C6-C10	ND	1.00	mg/L							
DRO >C10-C28	ND	1.00	mg/L							
EXT DRO >C28-C35	ND	1.00	mg/L							
EXT DRO >C28-C36	ND	1.00	mg/L							
Surrogate: 1-Chlorooctane	*4.15*		mg/L	*5.00*		*82.9*	*37.1-138*			
Surrogate: 1-Chlorooctadecane	*4.63*		mg/L	*5.00*		*92.6*	*44.6-151*			
LCS (7122808-BS1)				Prepared: 28-Dec-17 Analyzed: 29-Dec-17						
GRO C6-C10	46.2	1.00	mg/L	50.0		92.4	72.8-108			
DRO >C10-C28	48.5	1.00	mg/L	50.0		97.0	77.5-117			
EXT DRO >C28-C35	0.394	1.00	mg/L	0.00			0-0			
Surrogate: 1-Chlorooctane	*4.31*		mg/L	*5.00*		*86.2*	*37.1-138*			
Surrogate: 1-Chlorooctadecane	*4.64*		mg/L	*5.00*		*92.7*	*44.6-151*			
LCS Dup (7122808-BSD1)				Prepared: 28-Dec-17 Analyzed: 29-Dec-17						
GRO C6-C10	46.8	1.00	mg/L	50.0		93.6	72.8-108	1.35	12	
DRO >C10-C28	48.6	1.00	mg/L	50.0		97.3	77.5-117	0.305	12.1	
EXT DRO >C28-C35	ND	1.00	mg/L	0.00			0-0		20	
Surrogate: 1-Chlorooctane	*4.49*		mg/L	*5.00*		*89.7*	*37.1-138*			
Surrogate: 1-Chlorooctadecane	*4.90*		mg/L	*5.00*		*98.0*	*44.6-151*			

Cardinal Laboratories

*=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

GEOLEX INC. 500 MARQUETTE AVE, STE. 1350 ALBUQUERQUE NM, 87102	Project: LUCID ENERGY GROUP RED HILLS Project Number: 17-026 Project Manager: Alberto A. Gutierrez Fax To:	Reported: 05-Jan-18 11:18

Total Recoverable Metals by ICP (E200.7) - Quality Control

Green Analytical Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B801010 - Total Rec. 200.7/200.8/200.2										
Blank (B801010-BLK1)				Prepared: 03-Jan-18 Analyzed: 04-Jan-18						
Sodium	ND	1.00	mg/L							
Magnesium	ND	0.100	mg/L							
Potassium	ND	1.00	mg/L							
Calcium	ND	0.100	mg/L							
LCS (B801010-BS1)				Prepared: 03-Jan-18 Analyzed: 04-Jan-18						
Magnesium	19.8	0.100	mg/L	20.0		99.2	85-115			
Potassium	8.13	1.00	mg/L	8.00		102	85-115			
Calcium	3.92	0.100	mg/L	4.00		98.0	85-115			
Sodium	6.32	1.00	mg/L	6.48		97.6	85-115			
LCS Dup (B801010-BSD1)				Prepared: 03-Jan-18 Analyzed: 04-Jan-18						
Magnesium	19.9	0.100	mg/L	20.0		99.3	85-115	0.0902	20	
Potassium	7.91	1.00	mg/L	8.00		98.9	85-115	2.68	20	
Calcium	3.92	0.100	mg/L	4.00		98.0	85-115	0.0158	20	
Sodium	6.31	1.00	mg/L	6.48		97.4	85-115	0.231	20	

Cardinal Laboratories

*=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

Company Name: Geolex, Inc.	**BILL TO**
Project Manager: Alberto A Gutierrez	**P.O. #:**
Address: 500 Marquette Ave. NW #1350	**Company:** Geolex, Inc.
City: Albuquerque **State:** NM **Zip:** 87102	**Attn:** Liz Hill
Phone #: (505) 842-8000 **Fax #:** aag@geolex.com	**Address:** 500 Marquette 1350
Project #: 17-026 **Project Owner:** Geolex	**City:** Albuquerque
Project Name: Lucid Energy Group Red Hills AGI #1	**State:** NM **Zip:** 87102
Project Location: Sec 13 (I), T24S, R33E, Lea Co., NM	**Phone #:** (505) 842-8000
Sampler Name: Dale Littlejohn	**Fax #:** liz@geolex.com

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	ANALYSIS REQUEST: Cations/Anions	TDS	PH	Conductivity	TPH 8015 (DRO, ext DRO)
H703610																			
1	485 bbls Recovered	G	5						✓		✓		12/23	00:00	✓	✓	✓	✓	✓
2	522 bbls Recovered	G	5						✓		✓		12/23	03:00	✓	✓	✓	✓	✓
3	560 bbls Recovered	G	5						✓		✓		12/23	06:00	✓	✓	✓	✓	✓
4	580 bbls Recovered	G	5						✓		✓		12/23	08:00	✓	✓	✓	✓	✓

Relinquished By: Dale Littlejohn	**Date:** 12/27 **Time:** 1500	**Received By:** Jarod Smith	
Relinquished By: Jarod Smith	**Date:** 12-28-17 **Time:** 10:50	**Received By:** Tamara Oldaker	
Delivered By: (Circle One) Sampler - UPS - Bus - Other: 1.2° Corrected 1.5°	**Sample Condition** Cool: ☑ Yes ☐ No Intact: ☐ Yes ☐ No	**CHECKED BY: (Initials)** TO #175	

Phone Result: ☐ Yes ☐ No **Add'l Phone #:**
Fax Result: ☐ Yes ☐ No **Add'l Fax #:**
REMARKS: Rush!!

+ Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326