

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

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
Revised July 18, 2013

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.)	
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐	5. Indicate Type of Lease STATE ☒ FEE ☐
2. Name of Operator LOGOS Operating, LLC	6. State Oil & Gas Lease No. VC-0472
3. Address of Operator 2010 Afton Place, Farmington NM 87401	7. Lease Name or Unit Agreement Name KTB 2408 32A Com
4. Well Location Unit Letter <u>A</u> : <u>1179</u> feet from the <u>FNL</u> line and <u>346</u> feet from the <u>FEL</u> line Section <u>32</u> Township <u>24N</u> Range <u>8W</u> NMPM County <u>San Juan</u>	8. Well Number <u>001H</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 7013	

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: Inter-well Communication ☒	

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.

DJR Operating, LLC conducted stimulation on the following wells:

30-045-35652 Crow Canyon Unit 123H
30-045-38178 Crow Canyon Unit 124H

Attached: Spreadsheet with the LOGOS Operating affected wells due to the stimulation activity.

NMOCD

DEC 04 2019

DISTRICT III

Spud Date:

Rig Release Date:

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

SIGNATURE Marie E. Florez TITLE Regulatory Specialist DATE 12/4/2019

Type or print name Marie E. Florez E-mail address: mflorez@logosresourcesllc.com PHONE: 505-787-2218

For State Use Only

ACCEPTED FOR RECORD

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

Affected Wells

Well Name	API number	Formation	Operator	Date Affected	Type Communication	Volume of Communication	Highest PSI Observed	Standard Operating PSI	Results of Communication	Results of any Investigation Conducted
KTB 2408 32A Com 001H	30-045-35911	Nageezi Gallup	LOGOS Operating, LLC	10/30/2019	increase in pressure	66%	210	70	Authorized to Flare	Gas Analysis
KTB 2408 32A Com 002H	30-045-35912	Nageezi Gallup	LOGOS Operating, LLC	10/30/2019	increase in pressure	53%	210	70	Authorized to Flare	Gas Analysis
KTB 2408 32A Com 003H	30-045-35913	Nageezi Gallup	LOGOS Operating, LLC	10/30/2019	increase in pressure	39%	210	70	Authorized to Flare	Gas Analysis
Stimulated Well: Crow Canyon 123H & 124H										



2030 Afton Place
Farmington, NM 87401
(505) 325-6622

Analysis No: LG190409
Cust No: 46600-11510

Well/Lease Information

Customer Name: LOGOS OPERATING LLC
Well Name: **KTB** STATE 2408 32A 1H
County/State: SAN JUAN NM
Location:
Lease/PA/CA:
Formation: NAGEEZI GALLUP
Cust. Stn. No.: CC #100254A

Source: METER RUN
Well Flowing: Y
Pressure: 82 PSIG
Flow Temp: 49 DEG. F
Ambient Temp: 9 DEG. F
Flow Rate: 204 MCF/D
Sample Method: Purge & Fill
Sample Date: 10/31/2019
Sample Time: 7.54 AM
Sampled By: DAVE SAYLOR
Sampled by (CO): LOGOS

Heat Trace: AREA 3
Remarks: N
PULLED FROM SEP. OUTLET

Analysis

Component::	Mole%:	Unnormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	58.7310	59.6554	6.4720	0.00	0.5680
CO2	0.2677	0.2719	0.0460	0.00	0.0041
Methane	27.0935	27.5198	4.6010	273.64	0.1501
Ethane	4.8267	4.9027	1.2930	85.42	0.0501
Propane	4.2605	4.3276	1.1760	107.20	0.0649
Iso-Butane	0.5863	0.5955	0.1920	19.07	0.0118
N-Butane	1.7970	1.8253	0.5670	58.62	0.0361
I-Pentane	0.5755	0.5846	0.2110	23.03	0.0143
N-Pentane	0.6417	0.6518	0.2330	25.72	0.0160
Hexane Plus	1.2201	1.2393	0.5450	64.31	0.0404
Total	100.0000	101.5739	15.3360	657.01	0.9557

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0019
BTU/CU.FT IDEAL: 658.5
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 659.8
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 648.3
DRY BTU @ 15.025: 673.0
REAL SPECIFIC GRAVITY: 0.9571

CYLINDER #: 5020
CYLINDER PRESSURE: 123 PSIG
ANALYSIS DATE: 10/31/2019
ANALYSIS TIME: 10:05:52 AM
ANALYSIS RUN BY: RICHARD WILSON

GPM, BTU, and SPG calculations as shown above are based on current GPA constants.

GPA Standard: GPA-2261

GC: Danalyzer Model 500

Last Cal/Verify: 10/31/2019

GC Method: C6+ Gas



LOGOS OPERATING LLC
WELL ANALYSIS COMPARISON

Lease: STATE 2408 32A 1H
Stn. No.: CC #100254A
Mtr. No.:

METER RUN
NAGEEZI GALLUP

10/31/2019
46600-11510

Smpl Date:	10/31/2019	10/30/2019	09/05/2019	09/04/2019	09/03/2019	09/02/2019	08/30/2019
Test Date:	10/31/2019	10/30/2019	09/05/2019	09/04/2019	09/03/2019	09/03/2019	08/30/2019
Run No:	LG190409	LG190405	LG190350	LG190346	LG190341	LG190337	LG190324
Nitrogen:	58.7310	66.2106	27.4112	27.5926	26.7481	28.8827	32.8476
CO2:	0.2677	0.2369	0.3736	0.3779	0.3865	0.3771	0.3687
Methane:	27.0935	21.4506	52.0090	51.0428	49.3392	49.9850	47.3691
Ethane:	4.8267	4.0980	8.8252	9.1169	9.7528	8.9759	8.5502
Propane:	4.2605	3.8345	7.0458	7.4182	8.5272	7.2661	6.8739
I-Butane:	0.5863	0.5203	0.7840	0.8219	0.9664	0.8036	0.7482
N-Butane:	1.7970	1.6199	2.1269	2.2296	2.6328	2.2224	2.0005
I-Pentane:	0.5755	0.4751	0.4355	0.4445	0.5233	0.4620	0.3933
N-Pentane:	0.6417	0.5250	0.4284	0.4337	0.5104	0.4584	0.3839
Hexane+:	1.2201	1.0291	0.5604	0.5219	0.6133	0.5668	0.4646
BTU:	659.8	551.9	1023.2	1031.1	1082.7	1017.3	952.7
GPM:	15.3360	14.6360	17.7380	17.8090	18.1840	17.7180	17.2940
SPG:	0.9571	0.9668	0.8585	0.8656	0.8899	0.8704	0.8710
	08/29/2019	08/28/2019	08/27/2019	08/26/2019	08/25/2019	08/24/2019	08/23/2019
	08/29/2019	08/28/2019	08/27/2019	08/26/2019	08/25/2019	08/24/2019	08/23/2019
	LG190319	LG190314	LG190309	LG190304	LG190298	LG190293	LG190289
	31.8907	32.5151	34.0797	34.1687	34.5413	35.6893	37.1221
	0.3724	0.3643	0.3567	0.3635	0.3642	0.3612	0.3543
	47.8266	46.9138	46.2166	46.4650	45.8036	45.0298	44.7935
	8.6977	8.7267	8.2958	8.3661	8.4637	8.2632	8.0363
	7.0535	7.2112	6.6981	6.7181	6.8641	6.7262	6.2416
	0.7616	0.7892	0.7544	0.7275	0.7427	0.7327	0.6487
	2.0861	2.1379	2.0488	1.9599	2.0003	1.9865	1.7335
	0.4134	0.4211	0.4350	0.3893	0.3910	0.3904	0.3331
	0.4035	0.4106	0.4330	0.3844	0.3853	0.3851	0.3291
	0.4945	0.5101	0.6819	0.4575	0.4438	0.4356	0.4078
	971.0	970.3	949.0	933.7	933.7	917.4	881.5
	17.4190	17.4200	17.2650	17.1700	17.1770	17.0680	16.8260
	0.8727	0.8787	0.8816	0.8728	0.8768	0.8785	0.8705