

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised June 10, 2003

RECEIVED
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505
FEB 27 2006
OCC-ARTESIA

WELL API NO. <u>30-15-06194</u>
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. <u>BL-635</u>
7. Lease Name or Unit Agreement Name <u>Leonard</u>
8. Well Number <u>Leonard State #3</u>
9. OGRID Number
10. Pool name or Wildcat

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 <u>Salt Dome Storage</u>
2. Name of Operator <u>Leeco Hills GSF LTD</u>
3. Address of Operator <u>1231 Old Anne HA Rd. Alamo, Texas</u>
4. Well Location <u>76008</u>

Unit Letter L : 1975 feet from the South line and 560 feet from the West line

Section 22 Township 17S Range 29E NMPM County Eddy

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
GR

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPLETION ☐
OTHER: ☐	

SUBSEQUENT REPORT OF:	
REMEDIAL WORK ☒	ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐	
OTHER: ☐	

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 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

02/15/06 Sonamed well, Ran MIT on casing using high pressure chart recorder (400# - 30 min) Packer set at 492'
02/16/06 Ran 600' 5-55 plastic coated 2 7/8" tubing, Hydro static test done on tubing (1500#) Nipped up.
02/21/06 Injected Nitrogen for open hole Nitrogen test. (Approx 400#)
02/23/06 Ran 4hr open hole Nitrogen test using high pressure chart recorder (400#)

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

SIGNATURE John B. Smith TITLE Terminal Operator DATE 02/24/06

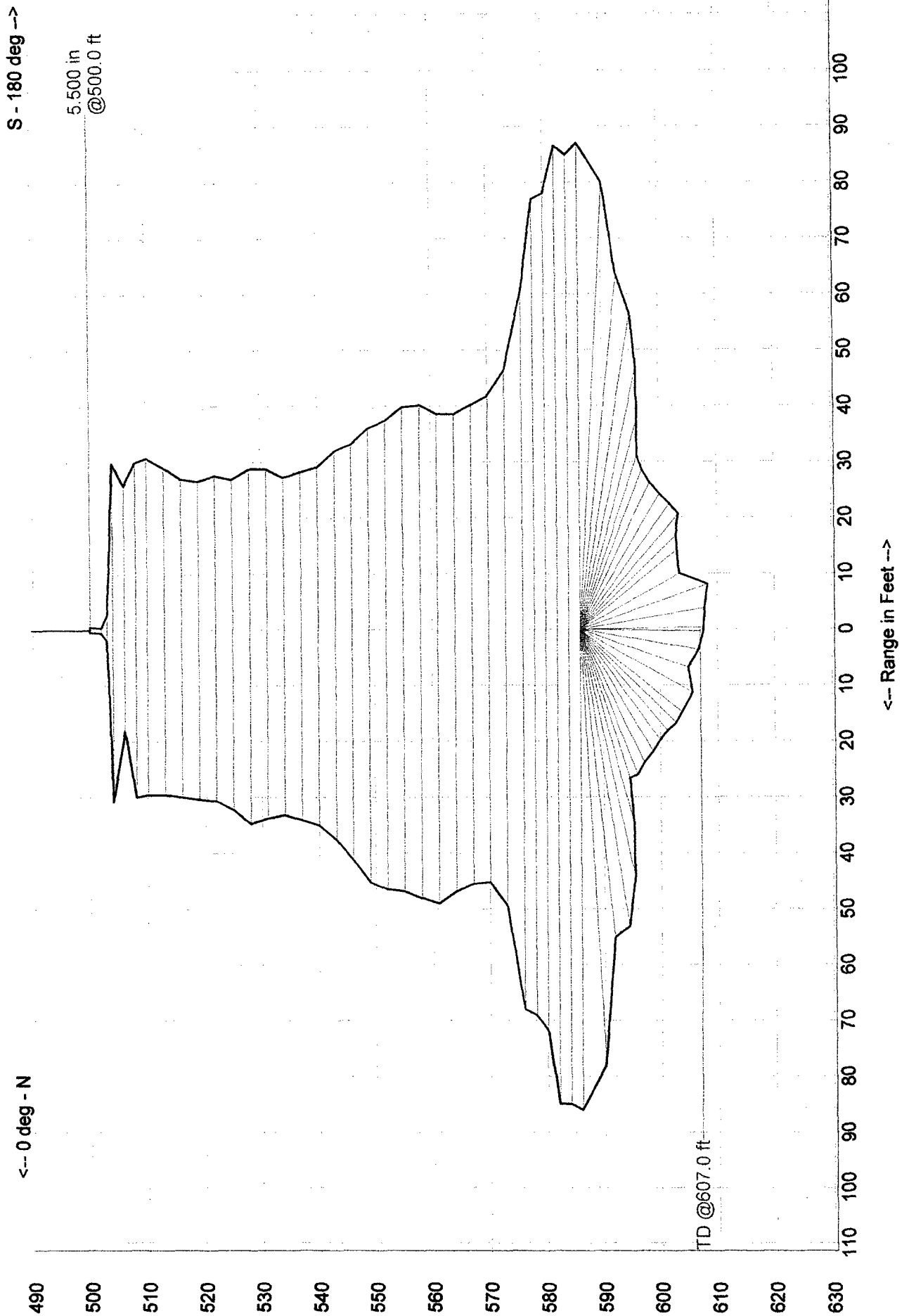
Type or print name John B. Smith E-mail address: Telephone No. (505) 672-2331
(This space for State use)

APPROVED BY Accepted for record - NMOCD TITLE DATE
Conditions of approval, if any:

LOCO HILLS G.S.F.
LOCO HILLS, NM

SONARWIRE, INC
Vertical Cross Section

STORAGE WELL NO. 3
Wed, Feb 15, 2006



SONARWIRE INC.
Depth versus Volume

LOCO HILLS G.S.F.
LOCO HILLS, NM

STORAGE WELL NO. 3
Wed, Feb 15, 2006

Depth	Barrels per ft.	Barrels total	Gallons per ft.	Gallons total
501	0.1	0.1	5.3	5.3
502	0.1	0.3	5.4	10.7
503	0.1	0.4	5.7	16.4
504	1.8	2.2	74.7	91.1
505	421.1	423.2	17685.3	17776.4
506	386.6	809.9	16237.7	34014.1
507	401.5	1211.4	16862.9	50877.0
508	462.3	1673.7	19416.8	70293.8
509	531.3	2204.9	22312.9	92606.7
510	520.1	2725.1	21846.3	114453.0
511	509.3	3234.4	21389.9	135842.8
512	497.7	3732.1	20905.4	156748.2
513	486.4	4218.5	20429.7	177178.0
514	475.3	4693.8	19962.9	197140.8
515	467.0	5160.8	19612.3	216753.1
516	458.8	5619.6	19270.2	236023.3
517	450.9	6070.5	18936.5	254959.8
518	450.1	6520.6	18906.0	273865.9
519	449.5	6970.1	18877.9	292743.8
520	448.9	7419.0	18852.3	311596.1
521	451.7	7870.7	18972.5	330568.6
522	454.7	8325.3	19095.9	349664.5
523	457.7	8783.0	19222.4	368886.9
524	466.9	9249.9	19610.1	388497.0
525	476.3	9726.2	20005.1	408502.2
526	485.9	10212.1	20407.4	428909.5
527	504.1	10716.2	21172.6	450082.2
528	522.7	11238.9	21953.5	472035.6
529	541.7	11780.6	22749.9	494785.6
530	546.4	12327.0	22949.0	517734.6
531	551.2	12878.2	23150.3	540884.8
532	556.0	13434.3	23353.8	564238.7
533	546.8	13981.0	22964.0	587202.7
534	537.6	14518.6	22579.9	609782.6
535	528.6	15047.2	22201.7	631984.3
536	540.6	15587.9	22706.5	654690.7
537	552.8	16140.7	23218.9	677909.6
538	565.2	16705.9	23739.0	701648.7
539	578.1	17284.0	24281.3	725930.0
540	591.3	17875.3	24832.9	750762.9
541	604.6	18479.9	25393.7	776156.6
542	625.9	19105.8	26285.8	802442.4
543	647.6	19753.3	27198.1	829640.5
544	669.8	20423.1	28130.7	857771.2
545	685.9	21109.0	28806.2	886577.4
546	702.2	21811.2	29492.5	916069.9

LOCO HILLS G.S.F.
LOCO HILLS, NM

STORAGE WELL NO. 3
Wed, Feb 15, 2006

Depth	Barrels per ft.	Barrels total	Gallons per ft.	Gallons total
547	718.8	22530.0	30189.6	946259.4
548	754.2	23284.2	31675.3	977934.7
549	790.5	24074.7	33202.1	1011136.8
550	827.9	24902.5	34769.9	1045906.7
551	844.9	25747.4	35484.2	1081390.8
552	862.1	26609.5	36209.8	1117600.6
553	879.7	27489.2	36946.9	1154547.5
554	904.9	28394.1	38006.1	1192553.6
555	930.7	29324.8	39087.7	1231641.3
556	956.9	30281.7	40191.6	1271833.0
557	973.2	31254.9	40873.8	1312706.8
558	989.6	32244.6	41564.5	1354271.3
559	1006.3	33250.8	42263.7	1396535.0
560	1008.5	34259.3	42355.4	1438890.4
561	1010.8	35270.1	42454.6	1481344.9
562	1013.4	36283.5	42561.2	1523906.1
563	1009.9	37293.4	42415.4	1566321.5
564	1006.7	38300.1	42283.4	1608604.9
565	1003.9	39304.1	42165.2	1650770.1
566	1018.9	40323.0	42794.7	1693564.8
567	1034.5	41357.5	43450.9	1737015.7
568	1050.8	42408.3	44134.0	1781149.7
569	1103.5	43511.8	46346.4	1827496.2
570	1158.4	44670.2	48653.8	1876149.9
571	1215.6	45885.9	51056.0	1927205.9
572	1268.5	47154.3	53276.2	1980482.1
573	1324.6	48478.9	55632.4	2036114.5
574	1383.9	49862.8	58124.8	2094239.3
575	1727.0	51589.9	72535.0	2166774.3
576	2115.0	53704.9	88830.5	2255604.7
577	2547.9	56252.8	107011.3	2362616.1
578	2806.7	59059.4	117880.4	2480496.4
579	3092.7	62152.1	129891.5	2610387.9
580	3149.3	65301.4	132270.6	2742658.6
581	3206.8	68508.2	134685.0	2877343.5
582	3725.3	72233.5	156462.2	3033805.7
583	4283.6	76517.1	179913.0	3213718.7
584	4292.4	80809.5	180281.7	3394000.4
585	4301.5	85111.0	180662.4	3574662.8
586	4290.1	89401.1	180185.0	3754847.7
587	4279.1	93680.3	179724.2	3934572.0
588	4096.7	97777.0	172060.3	4106632.3
589	3918.2	101695.2	164565.6	4271197.9
590	3744.0	105439.2	157248.7	4428446.6
591	4084.0	109523.2	171528.5	4599975.1
592	3349.4	112872.6	140673.1	4740648.2
593	2426.3	115298.9	101905.2	4842553.4
594	2041.1	117340.0	85727.0	4928280.4

LOCO HILLS G.S.F.
LOCO HILLS, NM

STORAGE WELL NO. 3
Wed, Feb 15, 2006

Depth	Barrels per ft.	Barrels total	Gallons per ft.	Gallons total
595	1859.8	119199.8	78112.6	5006393.0
596	1471.9	120671.7	61818.2	5068211.2
597	1262.5	121934.2	53026.0	5121237.2
598	825.7	122760.0	34681.3	5155918.5
599	629.9	123389.9	26456.6	5182375.2
600	512.8	123902.6	21536.0	5203911.1
601	429.7	124332.3	18047.0	5221958.2
602	315.0	124647.4	13230.6	5235188.8
603	268.6	124915.9	11279.8	5246468.6
604	218.4	125134.4	9174.9	5255643.5
605	183.4	125317.7	7701.5	5263345.0
606	147.4	125465.1	6190.6	5269535.6
607	112.1	125577.3	4709.0	5274244.5
608	84.0	125661.3	3528.0	5277772.5
609	49.8	125711.0	2089.8	5279862.3
610	17.8	125728.8	749.2	5280611.5
611	1.7	125730.6	72.8	5280684.3

Wildcat Measurement

Calibration Certificate

Pressure Recorder

Serial Number: 6068

Pressure Range 1000# p.s.i. accuracy +/- 0.2% % Full Scale _____ p.s.i. _____

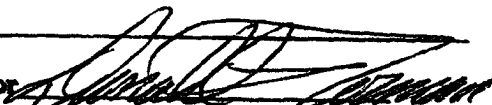
Increasing Pressure			Decreasing Pressure		
Applied Pressure	Indicated Pressure	Difference	Applied Pressure	Indicated Pressure	Difference
0.0#	0.0#	0.0#	800.0#	800.0#	0.0#
100.0#	100.0#	0.0#	600.0#	600.0#	0.0#
300.0#	300.0#	0.0#	400.0#	400.0#	0.0#
500.0#	500.0#	0.0#	200.0#	200.0#	0.0#
700.0#	700.0#	0.0#	0.0#	0.0#	0.0#
1000.0#	1000.0#	0.0#			

Calibrated By: Crystal Gauge _____ Deadweight _____

This Is To Certify That This Recorder Has Been Inspected And Tested.

Remarks _____

Date Of Calibration 07-21-2005

Inspector 

Bus: (432) 683-3033
Fax: (432) 570-5253

MIDLAND
pipe
&
equipment

P.O. Box 8715
Midland, Tx 79708-8715

9/18 used 125V
(SIZE) (WEIGHT)
TPE EUE
(GRADE) (COUPLING)

(DATE) 2-15-11
PAGE 1 OF 1 PAGE(S)

To: 19
TU Ft. 594.70' From Stock 0 Shipped To Local Halls Bros Storage Trucking Co. MPE
Part of 19 ft 594.70' - 2 7/8" 125V EUE used w/ new TPE lining

1	JT#	FEET	TOTAL	JT#	FEET	TOTAL	JT#	FEET	TOTAL
	1	32.90	32.90						
	2	32.00	64.90						
	3	32.00	96.90						
	4	31.60	128.50						
	5	33.00	161.50						
	6	31.40	192.90						
	7	31.30	224.20						
	8	30.80	255.00						
	9	30.90	285.90						
	10	28.80	314.70						
	11	29.20	343.90						
	12	31.80	375.70						
	13	32.00	407.70						
	14	31.60	439.30						
	15	32.10	471.40						
	16	31.80	503.20						
	17	31.60	534.80						
	18	31.80	566.60						
	19	33.10	599.70						

5'93' + 4' preferred sub

NEW LIMITED SERVICE/REJECT AND USED MATERIALS
ARE SOLD "AS IS, WITHOUT WARRANTY OF MERCHANTABILITY
OR FITNESS" ALL SALES MADE IN MIDLAND CO. TX. AND
REMAIN THE PROPERTY OF MIDLAND PIPE UNTIL PAID IN
FULL.

DRIVER

PURCHASER

Pine Yard - 2840 S. DALLAS ST.

6 AM
02/23/64

Loco Mills GSF
API# 30115-06194
Loco Mills GSF
L-22-175-292
S.G. Smith
for Smith

GRAPHIC CONTROLS CORPORATION
BUFFALO, NEW YORK

CHART NO. MC MP-500

METER

CHART PUT ON

7:30 A.M.

TAKEN OFF

11:35 A.M.

LOCATION

Loco Mills GSF Well 3

REMARKS

Open hole Nitrogen test
chart Recorder set
on 12 hr

PRINTED IN U.S.A.

Wildcat Measurement

Calibration Certificate

Pressure Recorder

Serial Number: 265-50140

Pressure Range 500# p.s.i. accuracy +/- 0.2 % Full Scale _____ p.s.i. _____

Increasing Pressure			Decreasing Pressure		
Applied Pressure	Indicated Pressure	Difference	Applied Pressure	Indicated Pressure	Difference
0.0#	0.0#	0.0	400#	400#	0.0
50#	50#	0.0	300#	300#	0.0
150#	150#	0.0	200#	200#	0.0
250#	250#	0.0	100#	100#	0.0
350#	350#	0.0	0.0#	0.0#	0.0
500#	500#	0.0			

Calibrated By: Crystal Gauge _____ Deadweight _____

This Is To Certify That This Recorder Has Been Inspected And Tested.

Remarks _____

Date Of Calibration 02/21/2006

Inspector 

JOB LOG		TICKET # 4228851	TICKET DATE 02/21/06
REGION NORTH AMERICA LAND	NMA / COUNTRY Permian Basin / USA	BDA / STATE Midland	COUNTY EDDY
MSU ID / EMPL # OD22102/ 301905	N.E.S. EMPLOYEE NAME F. Castillo	PSL DEPARTMENT P.E./ Stimulation	
LOCATION Odessa, Tx.	COMPANY Loco Hills	CUSTOMER REP JB Smith	PHONE 505.677.2331
TICKET AMOUNT 12,310.00 / 9,999.60	WELL TYPE gas	APIUM#	
WELL LOCATION Loco Hills N.M.	DEPARTMENT Nitrogen Services	JOB PURPOSE CODE 14104	
LEASE / WELL # Leonard State #3	SEC / TWP / RNG N/A		