

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised March 25, 1999

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

WELL API NO.

30-15-06192

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

BL-635

7. Lease Name or Unit Agreement Name

Leonard State

8. Well No.

1

9. 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 Salt Dome Storage

2. Name of Operator

Loco Hills GSF LTD

3. Address of Operator

1231 Old Annetta Rd Alameda, TX 76008

4. Well Location

Unit Letter L 2069 feet from the South line and 119.3 feet from the West lineSection 22 Township 17-5 Range 29E NMPM County Eddy

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

11. 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: ☐

12. 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.

Conducted sonar of Cavern.

Completed MIT Casing Test with plug set at 522' roughly 3' from shoe. Held 300# for 30 minutes (Chart Recorded)

Completed Open Hole nitrogen test held 300# for 4 hrs. Chart Recorded

RECEIVED

APR 16 2014

NMOCD ARTESIA

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

SIGNATURE Tyson Brown TITLE Terminal Operator DATE 04/16/14Type or print name Tyson Brown Telephone No. (575) 677-2333

(This space for State use)

APPROVED BY R.D. Dade TITLE Dist R Supervisor DATE 4/17/14

Conditions of approval, if any:

Wildcat Measurement Service, Inc.

416 East Main Street
P.O. Box 1836
Artesia, New Mexico 88211
Office: (575)746-3481
Toll Free: 1-888-421-9453

Calibration Certificate

Company Name: Loco Hills GSF
Recorder Type: Clif Mock
Recorder Serial#: 265-042607

Recorder Pressure Range: 0-500# Accuracy +/-: 0.2% PSIG
Temperature Range: _____ Deg F.

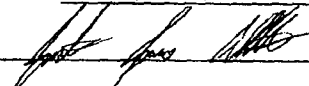
Increasing Pressure			Decreasing Pressure		
Applied Pressure	Indicated Pressure	Error%	Applied Pressure	Indicated Pressure	Error%
0.0#	0.0#	0	400#	400#	0
50#	50#	0	300#	300#	0
150#	150#	0	200#	200#	0
250#	250#	0	100#	100#	0
350#	350#	0	0.0#	0.0#	0
500#	500#	0			

Temperature Test		
Applied Temperature	Indicated Temperature	Error%

Certified Calibration Instrument Used
Gauge: Crystal
Deadweight: _____

Remarks: _____

Calibration Date: 04/02/2014

Technician:  Justin Gillette

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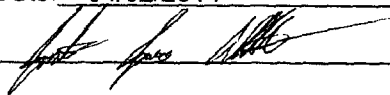
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350#	350#	0	0.0#	0.0#	0
500#	500#	0			

Temperature Test		
Applied Temperature	Indicated Temperature	Error%

Certified Calibration Instrument Used
Gauge: <u>Crystal</u>
Deadweight: _____

Remarks: _____

Calibration Date: 04/02/2014

Technician:  Justin Gillette

SONARWIRE GLOBAL, LLC
Depth versus Volume

LOCO HILLS GSF
PROPANE WELL NO. 1

LOCO HILLS, NM
Fri, Apr 04, 2014

Depth	Cubic ft. per ft.	Cubic ft. total	Barrels per ft.	Barrels total
521	5.2	5.2	0.9	0.9
522	214.0	219.2	38.1	39.0
523	778.3	997.5	138.6	177.7
524	834.0	1831.5	148.5	326.2
525	857.1	2688.6	152.7	478.9
526	865.4	3554.0	154.1	633.0
527	893.7	4447.7	159.2	792.2
528	889.6	5337.3	158.4	950.6
529	886.8	6224.1	157.9	1108.6
530	884.8	7108.9	157.6	1266.2
531	883.0	7991.9	157.3	1423.4
532	836.3	8828.2	148.9	1572.4
533	792.1	9620.3	141.1	1713.5
534	765.1	10385.4	136.3	1849.7
535	739.3	11124.7	131.7	1981.4
536	734.6	11859.3	130.8	2112.2
537	730.1	12589.4	130.0	2242.3
538	718.6	13308.0	128.0	2370.3
539	707.4	14015.4	126.0	2496.3
540	694.8	14710.2	123.8	2620.0
541	682.9	15393.1	121.6	2741.6
542	710.5	16103.5	126.5	2868.2
543	739.2	16842.7	131.7	2999.8
544	748.9	17591.6	133.4	3133.2
545	759.2	18350.8	135.2	3268.4
546	788.8	19139.6	140.5	3408.9
547	819.6	19959.2	146.0	3554.9
548	833.0	20792.2	148.4	3703.3
549	846.8	21639.0	150.8	3854.1
550	847.9	22487.0	151.0	4005.1
551	849.3	23336.3	151.3	4156.4
552	858.0	24194.3	152.8	4309.2
553	867.1	25061.4	154.4	4463.6
554	872.6	25934.0	155.4	4619.0
555	878.3	26812.3	156.4	4775.5
556	898.5	27710.8	160.0	4935.5
557	919.3	28630.1	163.7	5099.2
558	938.2	29568.3	167.1	5266.3
559	957.7	30526.0	170.6	5436.9
560	1026.1	31552.1	182.8	5619.7
561	1097.3	32649.4	195.4	5815.1
562	1136.1	33785.6	202.4	6017.5
563	1176.0	34961.6	209.5	6226.9
564	1241.7	36203.3	221.2	6448.1
565	1309.7	37513.0	233.3	6681.4
566	1350.0	38863.0	240.5	6921.8
567	1391.3	40254.3	247.8	7169.6
568	1398.4	41652.8	249.1	7418.7
569	1405.9	43058.7	250.4	7669.1
570	1393.2	44451.8	248.1	7917.2
571	1380.9	45832.8	246.0	8163.2
572	1378.9	47211.6	245.6	8408.8

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Fri, Apr 04, 2014

Depth	Cubic ft. per ft.	Cubic ft. total	Barrels per ft.	Barrels total
573	1377.1	48588.7	245.3	8654.0
574	1411.6	50000.3	251.4	8905.4
575	1446.9	51447.2	257.7	9163.1
576	1457.3	52904.5	259.6	9422.7
577	1468.8	54373.3	261.6	9684.3
578	1492.0	55865.3	265.7	9950.0
579	1517.2	57382.4	270.2	10220.3
580	1562.3	58944.8	278.3	10498.5
581	1609.2	60554.0	286.6	10785.1
582	1687.0	62241.0	300.5	11085.6
583	1768.1	64009.1	314.9	11400.5
584	1805.2	65814.3	321.5	11722.0
585	1843.5	67657.8	328.3	12050.4
586	1921.7	69579.5	342.3	12392.6
587	2002.8	71582.3	356.7	12749.4
588	2060.4	73642.6	367.0	13116.3
589	2120.2	75762.8	377.6	13493.9
590	2206.9	77969.8	393.1	13887.0
591	2296.5	80266.2	409.0	14296.0
592	2474.4	82740.6	440.7	14736.7
593	2661.5	85402.1	474.0	15210.8
594	2884.2	88286.3	513.7	15724.5
595	3118.2	91404.6	555.4	16279.9
596	3227.9	94632.5	574.9	16854.8
597	3342.8	97975.3	595.4	17450.2
598	3408.0	101383.3	607.0	18057.1
599	3475.5	104858.8	619.0	18676.2
600	3515.5	108374.3	626.1	19302.3
601	3557.8	111932.1	633.7	19936.0
602	3563.5	115495.6	634.7	20570.7
603	3575.6	119071.2	636.8	21207.5
604	3575.0	122646.2	636.7	21844.2
605	3581.5	126227.6	637.9	22482.1
606	3866.3	130093.9	688.6	23170.7
607	4179.0	134272.9	744.3	23915.0
608	4390.2	138663.1	781.9	24697.0
609	4622.8	143285.9	823.4	25520.3
610	4754.9	148040.7	846.9	26367.2
611	4890.7	152931.4	871.1	27238.3
612	5554.8	158486.2	989.4	28227.6
613	6279.2	164765.5	1118.4	29346.0
614	6866.1	171631.6	1222.9	30568.9
615	7500.8	179132.4	1335.9	31904.9
616	11461.8	190594.2	2041.4	33946.3
617	16295.7	206889.9	2902.4	36848.7
618	16416.7	223306.6	2923.9	39772.6
619	16539.7	239846.2	2945.8	42718.5
620	16017.0	255863.3	2852.8	45571.2
621	15513.5	271376.8	2763.1	48334.3
622	14587.7	285964.5	2598.2	50932.5
623	13695.1	299659.7	2439.2	53371.7
624	13033.4	312693.1	2321.4	55693.1
625	12396.8	325090.0	2208.0	57901.0
626	12311.8	337401.8	2192.8	60093.9

LOCO HILLS GSF
PROPANE WELL NO. 1

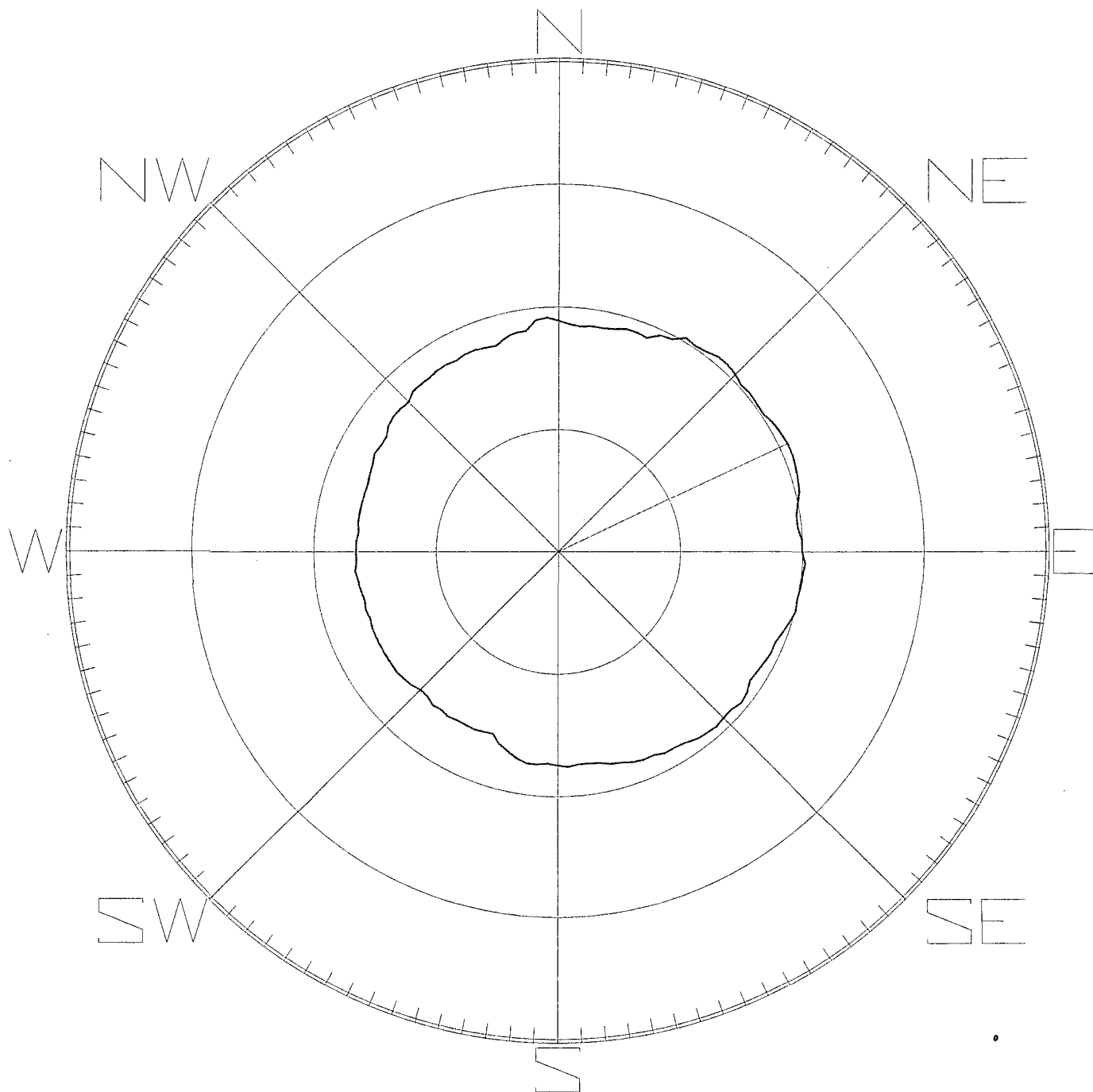
LOCO HILLS, NM
Fri, Apr 04, 2014

Depth	Cubic ft. per ft.	Cubic ft. total	Barrels per ft.	Barrels total
627	12235.5	349637.3	2179.2	62273.1
628	13376.5	363013.8	2382.5	64655.6
629	13724.4	376738.3	2444.4	67100.0
630	11226.4	387964.7	1999.5	69099.5
631	11028.1	398992.8	1964.2	71063.7
632	10676.8	409669.6	1901.6	72965.3
633	9502.0	419171.6	1692.4	74657.7
634	9013.1	428184.7	1605.3	76263.0
635	8408.3	436593.0	1497.6	77760.6
636	7570.8	444163.7	1348.4	79109.0
637	6707.1	450870.8	1194.6	80303.6
638	5378.6	456249.4	958.0	81261.5
639	4093.0	460342.4	729.0	81990.5
640	3308.3	463650.7	589.2	82579.8
641	2433.6	466084.3	433.4	83013.2
642	2089.6	468173.9	372.2	83385.4
643	1694.8	469868.6	301.9	83687.2
644	1262.1	471130.7	224.8	83912.0
645	707.8	471838.6	126.1	84038.1
646	304.8	472143.4	54.3	84092.4
647	119.2	472262.6	21.2	84113.6
648	70.3	472332.9	12.5	84126.1
649	35.7	472368.6	6.4	84132.5
650	5.8	472374.4	1.0	84133.5

LOCO HILLS GSF
LOCO HILLS, NM
PROPANE WELL NO. 1

SONARWIRE GLOBAL, LLC
Max Range vs Bearing

Max Radius= 83.0 ft @ 64.7 deg
Depth= 620 ft. Fri, Apr 04, 2014



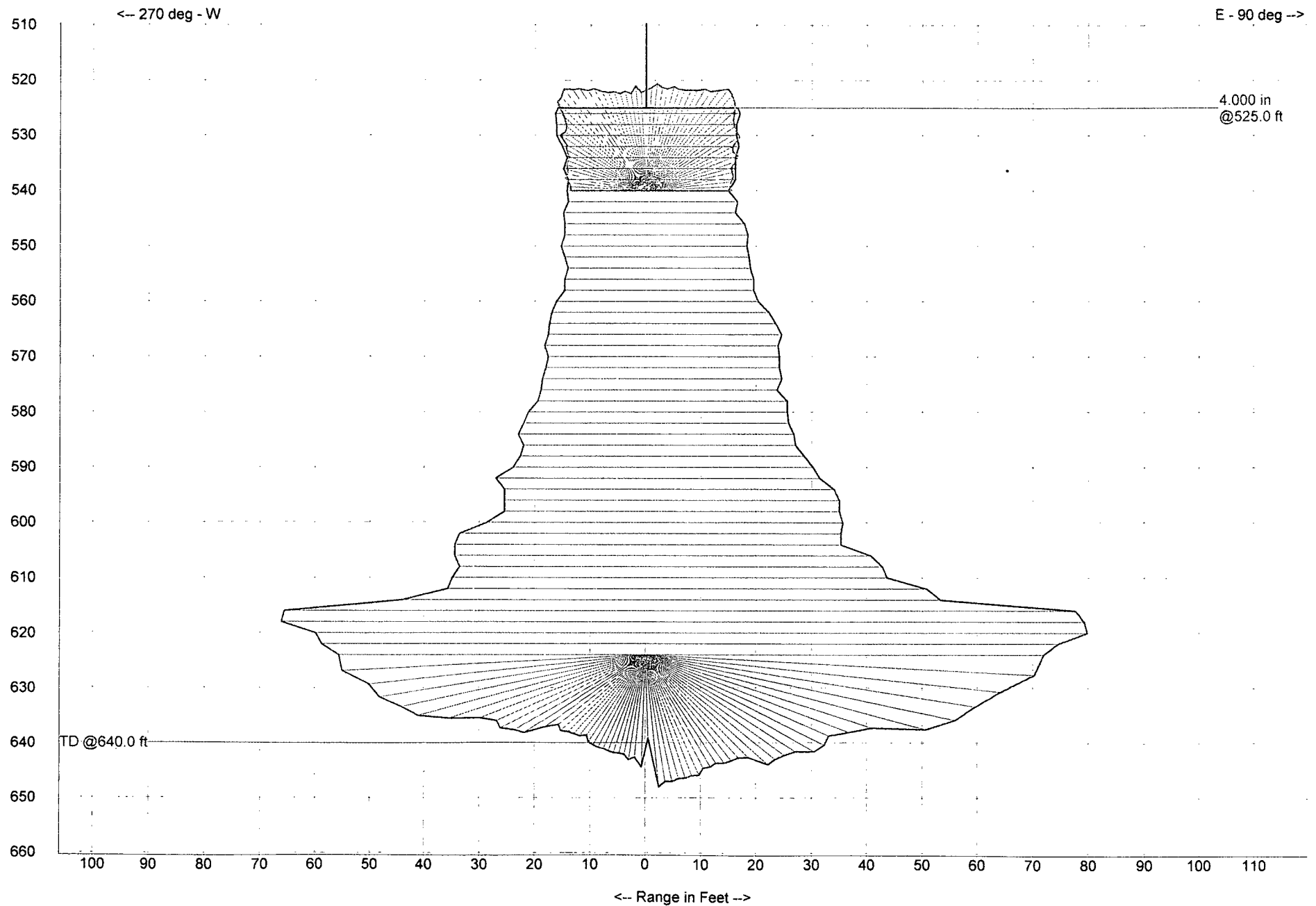
1 inch = 50.0 ft.

160 140 120 100 80 60 40 20 0 20 40 60 80 100 120 140 160

LOCO HILLS GSF
PROPANE WELL NO. 1

SONARWIRE GLOBAL, LLC
Vertical Cross Section

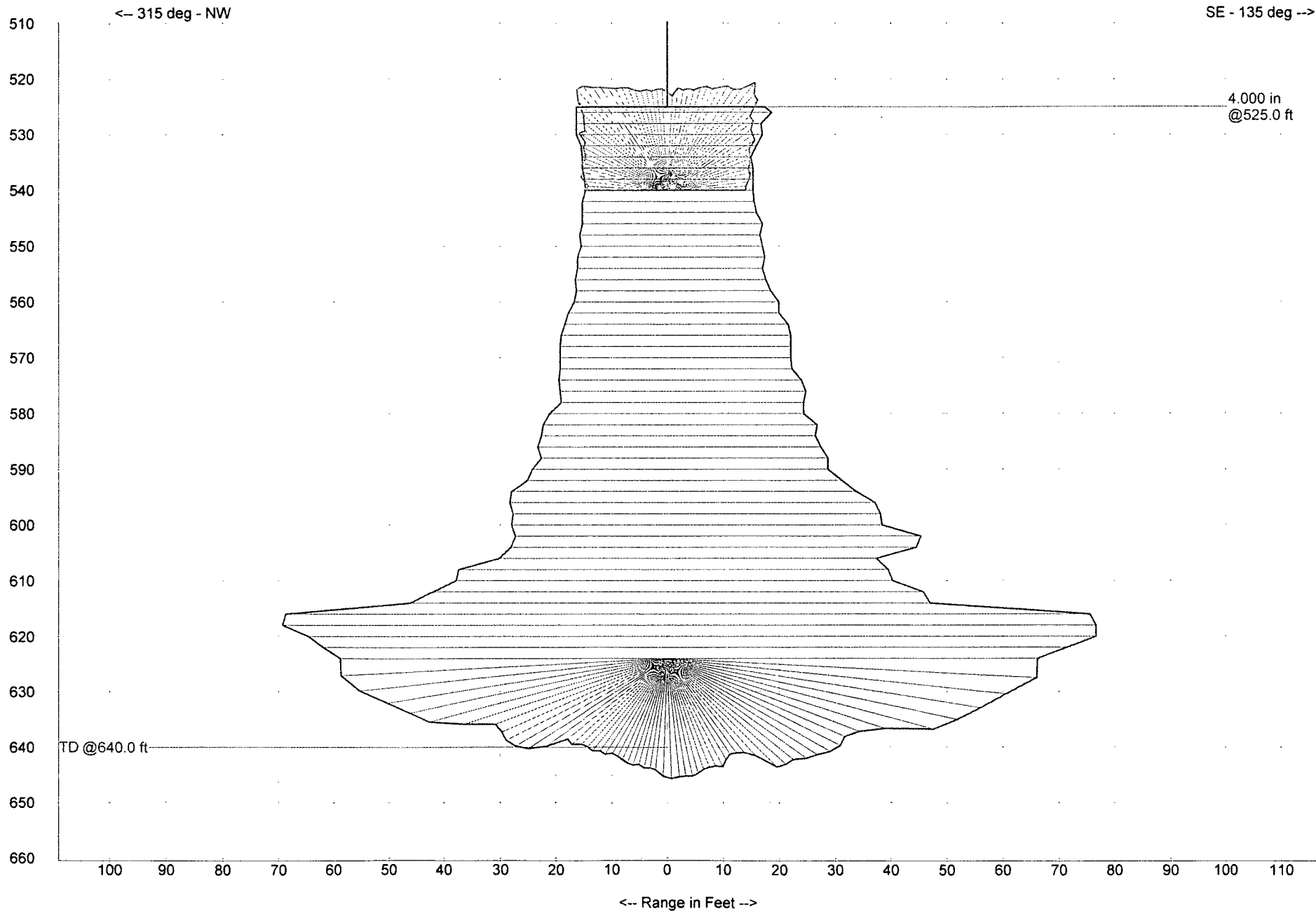
LOCO HILLS, NM
Fri, Apr 04, 2014
Fri, Apr 04, 2014



LOCO HILLS GSF
PROPANE WELL NO. 1

SONARWIRE GLOBAL, LLC
Vertical Cross Section

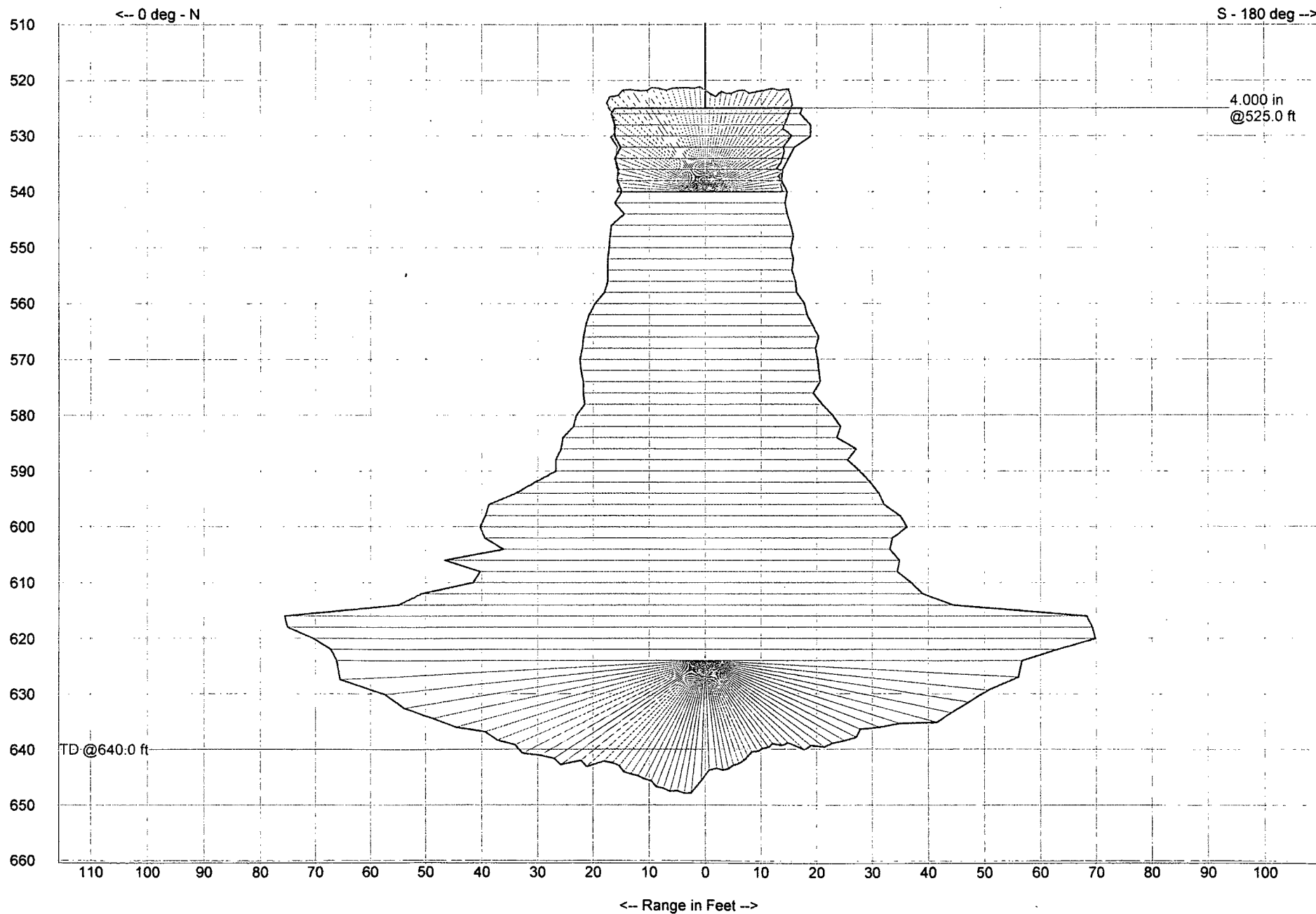
LOCO HILLS, NM
Fri, Apr 04, 2014
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LOCO HILLS GSF
PROPANE WELL NO. 1

SONARWIRE GLOBAL, LLC
Vertical Cross Section

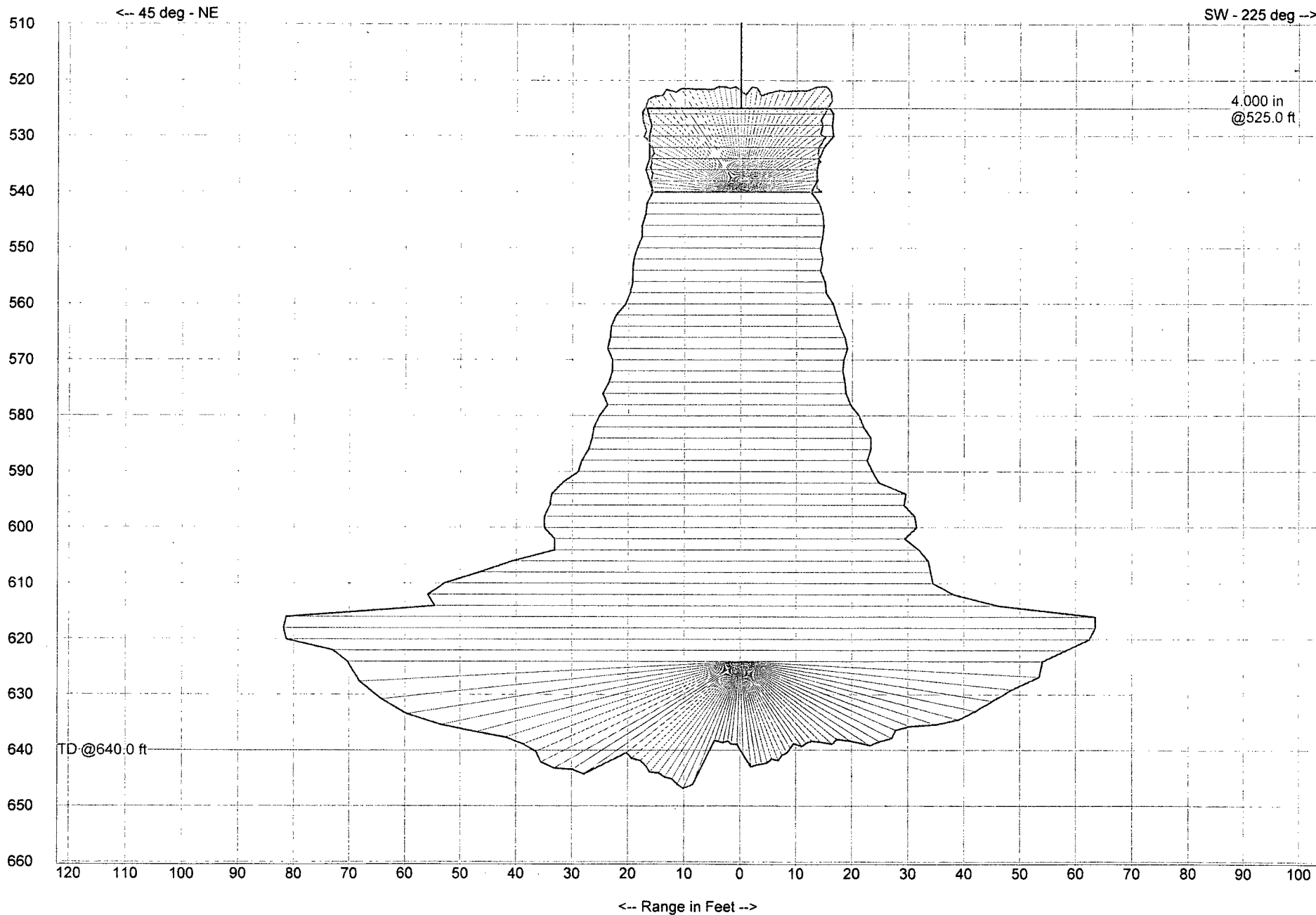
LOCO HILLS, NM
Fri, Apr 04, 2014
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LOCO HILLS GSF
PROPANE WELL NO. 1

SONARWIRE GLOBAL, LLC
Vertical Cross Section

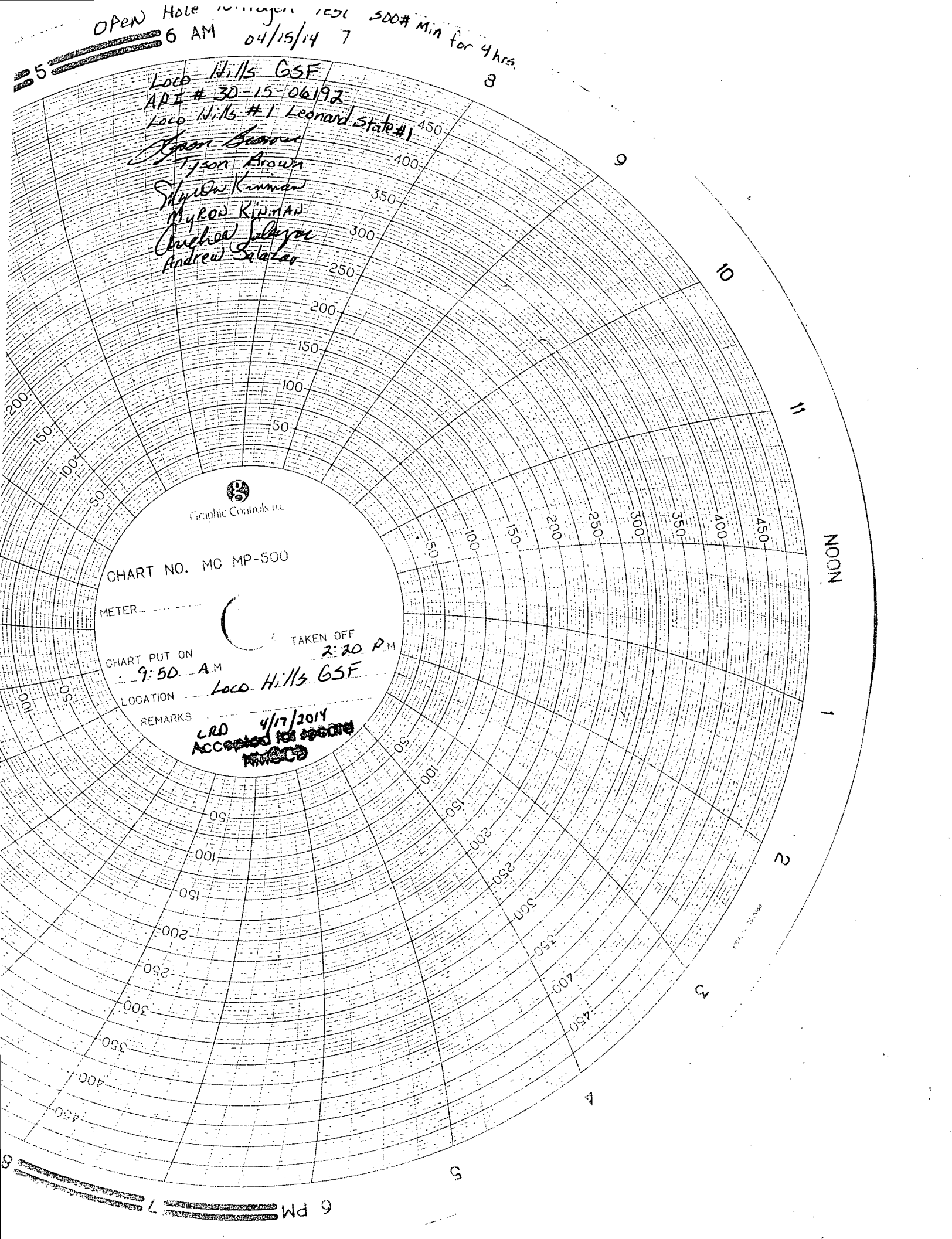
LOCO HILLS, NM
Fri, Apr 04, 2014
Fri, Apr 04, 2014



OPEN Hole 1521 300# Min for 4 hrs.
6 AM 04/15/14 7 8

Loco Hills GSF
API # 30-15-06192
Loco Hills #1 Leonard Stake #1
Tyson Brown
Myron Kipman
Myron Kipman
Andrew Salazar

Graphic Controls Inc.
CHART NO. MC MP-500
METER _____
CHART PUT ON 9:50 A.M.
TAKEN OFF 2:20 P.M.
LOCATION Loco Hills GSF
REMARKS
CRD 4/17/2014
Accepted for record
MCCO



6 PM 7

OPEN Hole 10111111 100# Min for 4 hrs
5 AM 04/15/14

Loco Hills GSF

API # 30-15-06192

Loco Hills #1 Leonard State #1

Tyson Brown

Myron Korman

Myron Korman

Andrew Salazar

Andrew Salazar

Cooper Controls Inc.

CHART NO. MC MP 500

PETER

CHART PUT ON
9:50 AM

TAKEN OFF
2:20 P.

Loco Hills GSF

LOCATION

REMARKS

CRD 4/17/2014
Accepted for record
KIMCO

Test 300# casing 50 04/04/14

Loco Hills GSF
API # 30-15-06192
Loco Hills #1 Leonard State #1
Tyrone Brown
Tyrone Brown
V. J. M. D. S. 1953
V. J. M. D. S. 1953
Sylvester Kinner
Myers Kinner

