

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
May 27, 2004

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

RECEIVED
OCT 27 2009
NMOCDA ARTESIA

WELL API NO.	30-015-37111
5. Indicate Type of Lease	STATE ☒ FEE ☐
6. State Oil & Gas Lease No.	VB-0407
7. Lease Name or Unit Agreement Name	Loving 2 State
8. Well Number	5
9. OGRID Number	258462
10. Pool name or Wildcat	Herradura Bend; Delaware, East
11. Elevation (Show whether DR, RKB, RT, GR, etc.)	3052' GR

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 ☐

2. Name of Operator
NADEL AND GUSSMAN HEYCO, LLC

3. Address of Operator
PO BOX 1936
ROSWELL NM 88202-1936

4. Well Location
Unit Letter K : 1865 feet from the SOUTH line and 1980 feet from the West line
Section 2 Township 23S Range 28E NMPM County Eddy

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____

Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____

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 ☒	
OTHER: ☐		OTHER: See Attached Prod Csg and Cmt Report ☒	

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.

10/1/2009 TD 7 7/8" hole at 7900'. Total pipe ran 154 Jts of 5 1/2" 15.150# L-80 LTC csg and 30 Jts 5 1/2" 17# L-80 LTC csg ran with 27 centralizers. Set csg at 7900'. Lead: 1500 SK, 50/50 "H" 10% gel, .2% C-12, .25% R-38, CMT WT 11.90, Yield 2.37, Gal/sk 13.52. Tail: 750 SK, Starbone "H" .5% FL-10, .5% C-15, .2% C-45, 3# Gilsonite, 3% salt, .25% R-38, Cmt Wt 13.20, Yield 1.60, gal/sk 7.75. No problems w/csg, lost all returns after pumping 604 bbls cmt, plug dn @ 3:56 am 10/7/09. Need not get any returns back.

Attached: Borehole Volume Plot Log and Inclination Report.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCDA guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE [Signature] TITLE PRODUCTION ANALYST DATE 10/26/09

Type or print name _____ E-mail address: tlink@heycoenergy.com Telephone No. 505.623.6601
For State Use Only

APPROVED BY: [Signature] TITLE Geologist DATE 10/28/2009
Conditions of Approval (if any): _____

SUMMARY CASING AND CEMENTING REPORT

STRING:

PROD

DATE: 10/1/2009

OPERATOR: NADEL & GUSSMAN HEYCO

WELL: **LOVING 2 STATE #5**

CONTRACTOR: EAGLE ROCK

RIG: #5

REP: KEITH CANNON

CASING DETAIL

HOLE SIZE:	7 7/8	DEPTH: 7900	
7 7/8" HOLE			7900.00
5 1/2" FLOAT SHOE			<u>2.04</u>
			7897.96
2 JTS 5 1/2" 15.50# L-80 LTC Csg			<u>88.60</u>
			7809.36
5 1/2" FLOAT COLLAR			<u>1.65</u>
			7807.71
152 JTS 5 1/2" 15.50# L-80 LTC Csg			<u>6615.97</u>
			1191.74
30 JTS 5 1/2" 17# L-80 LT&C CSG			<u>1180.36</u>
			11.38
KB TO GL			<u>11.50</u>

CENTRALIZERS PLACED @ 2x 7853.64, 2x 7809.33, 7719.37, 7675.04, 7630.94, 7498.03, 7453.76, 7233.52, 7144.94, 7056.34, 6967.76, 6879.15, 6701.95, 6613.36, 6524.72, 6436.19, 6347.56, 6258.68, 6170.00, 6081.40, 5992.89, 5904.31, 5815.82, 4885.67, 4797.06

REMARKS:

TOTAL CASING DELIVERED.... 159 JTS 5 1/2" 15.50# & 32 JTS 5 1/2" 17# L-80 LTC (8233.48)
ALL CASING WAS DRIFTED, CLEANED, & VISUALLY INSPECTED ON LOCATION.
FLOAT SHOE, 2 SHOE JTS, FLOAT INSERT, WERE THREAD LOCKED.
TAGGED BOTTOM NO FILL. CIRCULATED CAPACITY & ANNULAR VOLUME

EXCESS CASING

CASING NOT USED 1 JTS 5 1/2" 17# (38.99') & 7 JTS 15.50# (310.19') L-80 LTC.
DISPOSITION 4 JTS, 2 JTS 17# & 2 JTS 15.50# L-80 TRANSFERRED TO NGP YARD (ARTESIA)

CEMENTING DATA

COMPANY: RISING STAR

DISTRICT: HOBBS

1ST STAGE:

PREFLUSH: 20 bbls FW, 20 bbls chemical wash

SUMMARY CASING AND CEMENTING REPORT

LEAD: 1500 SK, 50/50 "H" 10%GEL, .2%C-12, .25%R-38, CMT WT 11.90, YIELD 2.37, GAL/SK 13.52

TAIL: 750 SK, STARBONE "H" .5%FL-10, .5%C-15, .2%C-45, 3#GILSONITE, 3%SALT, .25%R-38, CMT WT 13.20, YIELD 1.60, GAL/SK 7.75

NOTE: NO PROBLEMS W/ CSG, LOST ALL RETURNS AFTER PUMPING 604BBLS CMT, PLUG DN @ 3:56AM 10/7/09. NEED NOT GET ANY RETURNS BACK.

DATE : 10/1/2009		WELL :		Loving 2 State #5						
Casing OD 5 1/2		Grade L-80		Displacement bbl/ft		0.00613	Burst 7740		Torque	
Casing ID 4.950/4.892		Weight 15.5 / 17		Capacity bbl/ft		0.02320	Collapse 6290		2440 - 3050	
Jt # or Item	Item or Jt. Lgth.	Total Length	Calc'd disp / jt	Calc'd tot disp	Actual tot disp	Calc Bbl to fill jt	Calc tot fill	Actual tot fill	Remarks Centrizers	Depth 7900
1	2.04	2.04	0.0125	0.0125		0.047328	0.0473			7897.96
2	44.30	46.34	0.2716	0.2841		1.02776	1.0751		2x centrizer	7853.66
3	44.30	90.64	0.2716	0.5556		1.02776	2.1028		2x centrizer	7809.36
4	1.65	92.29	0.0101	0.5657		0.03828	2.1411			7807.71
5	44.28	136.57	0.2714	0.8372		1.027296	3.1684			7763.43
6	44.06	180.63	0.2701	1.1073		1.022192	4.1906		Centrizers	7719.37
7	44.33	224.96	0.2717	1.3790		1.028456	5.2191		Centrizers	7675.04
8	44.10	269.06	0.2703	1.6493		1.02312	6.2422		Centrizers	7630.94
9	44.28	313.34	0.2714	1.9208		1.027296	7.2695			7586.66
10	44.37	357.71	0.2720	2.1928		1.029384	8.2989			7542.29
11	44.26	401.97	0.2713	2.4641		1.026832	9.3257		Centrizers	7498.03
12	44.27	446.24	0.2714	2.7355		1.027064	10.3528		Centrizers	7453.76
13	44.30	490.54	0.2716	3.0070		1.02776	11.3805			7409.46
14	42.98	533.52	0.2635	3.2705		0.997136	12.3777			7366.48
15	44.30	577.82	0.2716	3.5420		1.02776	13.4054			7322.18
16	44.33	622.15	0.2717	3.8138		1.028456	14.4339			7277.85
17	44.33	666.48	0.2717	4.0855		1.028456	15.4623		Centrizers	7233.52
18	44.28	710.76	0.2714	4.3570		1.027296	16.4896			7189.24
19	44.30	755.06	0.2716	4.6285		1.02776	17.5174		Centrizers	7144.94
20	44.30	799.36	0.2716	4.9001		1.02776	18.5452			7100.64
21	44.30	843.66	0.2716	5.1716		1.02776	19.5729		Centrizers	7056.34
22	44.28	887.94	0.2714	5.4431		1.027296	20.6002			7012.06
23	44.30	932.24	0.2716	5.7146		1.02776	21.6280		Centrizers	6967.76
24	44.33	976.57	0.2717	5.9864		1.028456	22.6564			6923.43
25	44.28	1020.85	0.2714	6.2578		1.027296	23.6837		Centrizers	6879.15
26	44.34	1065.19	0.2718	6.5296		1.028688	24.7124			6834.81
27	44.29	1109.48	0.2715	6.8011		1.027528	25.7399			6790.52
28	44.28	1153.76	0.2714	7.0725		1.027296	26.7672			6746.24
29	44.29	1198.05	0.2715	7.3440		1.027528	27.7948		Centrizers	6701.95
30	44.28	1242.33	0.2714	7.6155		1.027296	28.8221			6657.67
31	44.31	1286.64	0.2716	7.8871		1.027992	29.8500		Centrizers	6613.36
32	44.30	1330.94	0.2716	8.1587		1.02776	30.8778			6569.06
33	44.34	1375.28	0.2718	8.4305		1.028688	31.9065		Centrizers	6524.72
34	44.30	1419.58	0.2716	8.7020		1.02776	32.9343			6480.42
35	44.23	1463.81	0.2711	8.9732		1.026136	33.9604		Centrizers	6436.19
36	44.34	1508.15	0.2718	9.2450		1.028688	34.9891			6391.85
37	44.29	1552.44	0.2715	9.5165		1.027528	36.0166		Centrizers	6347.56
38	44.33	1596.77	0.2717	9.7882		1.028456	37.0451			6303.23
39	44.55	1641.32	0.2731	10.0613		1.03356	38.0786		Centrizers	6258.68
40	44.34	1685.66	0.2718	10.3331		1.028688	39.1073			6214.34
41	44.34	1730.00	0.2718	10.6049		1.028688	40.1360		Centrizers	6170.00
42	44.29	1774.29	0.2715	10.8764		1.027528	41.1635			6125.71
43	44.31	1818.60	0.2716	11.1480		1.027992	42.1915		Centrizers	6081.40
44	44.31	1862.91	0.2716	11.4196		1.027992	43.2195			6037.09
45	44.20	1907.11	0.2709	11.6906		1.02544	44.2450		Centrizers	5992.89
46	44.29	1951.40	0.2715	11.9621		1.027528	45.2725			5948.60

47	44.29	1995.69	0.2715	12.2336		1.027528	46.3000		Centrilizers	5904.31
48	44.20	2039.89	0.2709	12.5045		1.02544	47.3254			5860.11
49	44.29	2084.18	0.2715	12.7760		1.027528	48.3530		Centrilizers	5815.82
50	44.24	2128.42	0.2712	13.0472		1.026368	49.3793			5771.58
51	44.24	2172.66	0.2712	13.3184		1.026368	50.4057			5727.34
52	44.29	2216.95	0.2715	13.5899		1.027528	51.4332			5683.05
53	44.30	2261.25	0.2716	13.8615		1.02776	52.4610			5638.75
54	44.28	2305.53	0.2714	14.1329		1.027296	53.4883			5594.47
55	44.24	2349.77	0.2712	14.4041		1.026368	54.5147			5550.23
56	44.34	2394.11	0.2718	14.6759		1.028688	55.5434			5505.89
57	44.29	2438.40	0.2715	14.9474		1.027528	56.5709			5461.60
58	44.31	2482.71	0.2716	15.2190		1.027992	57.5989			5417.29
59	44.29	2527.00	0.2715	15.4905		1.027528	58.6264			5373.00
60	44.30	2571.30	0.2716	15.7621		1.02776	59.6542			5328.70
61	44.29	2615.59	0.2715	16.0336		1.027528	60.6817			5284.41
62	44.30	2659.89	0.2716	16.3051		1.02776	61.7094			5240.11
63	44.29	2704.18	0.2715	16.5766		1.027528	62.7370			5195.82
64	44.30	2748.48	0.2716	16.8482		1.02776	63.7647			5151.52
65	44.33	2792.81	0.2717	17.1199		1.028456	64.7932			5107.19
66	44.29	2837.10	0.2715	17.3914		1.027528	65.8207			5062.90
67	44.33	2881.43	0.2717	17.6632		1.028456	66.8492			5018.57
68	44.29	2925.72	0.2715	17.9347		1.027528	67.8767			4974.28
69	44.31	2970.03	0.2716	18.2063		1.027992	68.9047			4929.97
70	44.30	3014.33	0.2716	18.4778		1.02776	69.9325		Centrilizers	4885.67
71	44.32	3058.65	0.2717	18.7495		1.028224	70.9607			4841.35
72	44.29	3102.94	0.2715	19.0210		1.027528	71.9882		Centrilizers	4797.06
73	44.32	3147.26	0.2717	19.2927		1.028224	73.0164			4752.74
74	44.28	3191.54	0.2714	19.5641		1.027296	74.0437			4708.46
75	44.30	3235.84	0.2716	19.8357		1.02776	75.0715			4664.16
76	44.31	3280.15	0.2716	20.1073		1.027992	76.0995			4619.85
77	44.32	3324.47	0.2717	20.3790		1.028224	77.1277			4575.53
78	44.32	3368.79	0.2717	20.6507		1.028224	78.1559			4531.21
79	44.29	3413.08	0.2715	20.9222		1.027528	79.1835			4486.92
80	44.26	3457.34	0.2713	21.1935		1.026832	80.2103			4442.66
81	44.31	3501.65	0.2716	21.4651		1.027992	81.2383			4398.35
82	44.32	3545.97	0.2717	21.7368		1.028224	82.2665			4354.03
83	44.29	3590.26	0.2715	22.0083		1.027528	83.2940			4309.74
84	44.30	3634.56	0.2716	22.2799		1.02776	84.3218			4265.44
85	44.31	3678.87	0.2716	22.5515		1.027992	85.3498			4221.13
86	44.30	3723.17	0.2716	22.8230		1.02776	86.3775			4176.83
87	44.31	3767.48	0.2716	23.0947		1.027992	87.4055			4132.52
88	44.30	3811.78	0.2716	23.3662		1.02776	88.4333			4088.22
89	44.30	3856.08	0.2716	23.6378		1.02776	89.4611			4043.92
90	44.28	3900.36	0.2714	23.9092		1.027296	90.4884			3999.64
91	44.32	3944.68	0.2717	24.1809		1.028224	91.5166			3955.32
92	44.31	3988.99	0.2716	24.4525		1.027992	92.5446			3911.01
93	36.30	4025.29	0.2225	24.6750		0.84216	93.3867			3874.71
94	44.30	4069.59	0.2716	24.9466		1.02776	94.4145			3830.41
95	35.98	4105.57	0.2206	25.1671		0.834736	95.2492			3794.43
96	44.35	4149.92	0.2719	25.4390		1.02892	96.2781			3750.08
97	44.32	4194.24	0.2717	25.7107		1.028224	97.3064			3705.76
98	44.30	4238.54	0.2716	25.9823		1.02776	98.3341			3661.46
99	44.27	4282.81	0.2714	26.2536		1.027064	99.3612			3617.19



JSA / Job Safety Analysis
Pre-Job / Tail Gate Safety Meeting

Date: 10/7/2009 Time: _____ Job # 8759
 Meeting Facilitator: JAVIER VELASQUEZ Meeting Location: Pickup Tailgate
 Work To Be Performed: _____ Lease Name: LOVING 2 STAE

Nearest Emergency Medical Phone # (other than 911) _____

Minimum Standard PPE Required

	Covered	N/A
Hand Protection:	☒	☐
Respirator:	☒	☐
Appropriate Eyewear:	☒	☐
Personal H2S Monitor:	☒	☐
Fall Protection:	☒	☐
Safety Toed Boots:	☒	☐
Hearing Protection:	☒	☐
Goggles/Faceshield:	☒	☐
Hard Hat:	☒	☐

Hazard Identification & Safety Briefing

	Covered	N/A		Covered	N/A
Electrical Current	X		Noise Levels		
Trapped Pressure	X		Pinch Points		
Hazardous Substances	X		Sharp Edges		
Falling From Heights	X		Suspended Loads		
Heavy Lifting	X		Hazardous Atmosphere		
Slip, Trips, Falls	X		Insects / Snakes		
Extreme Weather	X		Mechanical Integrity		
Lifting Equipment	X		Towing Equipment		
Position of People	X		Overhead Hazards		

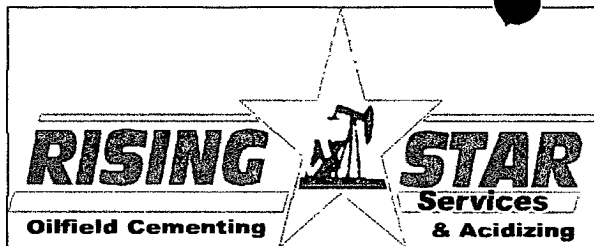
Emergency Preparation:

Meeting Area DOG HOUSE
 Communication Area DOG HOUSE
 Head Count _____

Additional Topics Covered:

BE ALERT - USE BUDDY SYSTEM- STAY CLEAR OF PUMP & LINES- RELEASE PSI BEFORE HAMMERING

Post Job Debriefing: RIG DOWN USING BUDDY SYSTEM



Date:	10/06/09	Time:	500PM
Truck Called:	10/06/09	Arrived at job:	730PM
Start Job:	10/07/09	Finish Job:	100AM
Finish Job:	10/07/09	Leave Location:	400AM
Leave Location:	10/07/09		500AM

Job Log

RISING STAR SERVICES LP.		Customer Name:		Nadel&Gussman Permian,L.L.C.		Ticket Number:		8759	
P.O. BOX 61193		Lease Name:		LOVING 2 STAE					
MIDLAND, TEXAS 79711		Well #:		5		Supervisor:		JAVIER VELASQUEZ	
OFFICE # 432-617-0114		Type of Job:				County:		LOVING	
FAX #432-339-0140		Date:		10/7/2009		CUSTOMER REPRESENTATIVE:		KEITH CANNON	
Tubing Size:	2 7/8	Casing size:	51/2	Liner size:					
Tubing weight:		Casing weight:	15.5	Top of Liner:					
Tubing bbl/Inft		Total Depth:	2000	Bottom of Liner:					
Retainer depth:		Total Pipe:		Annular Volume:					
Packer depth:	895	Open Hole:		BHST:					
Perfs:		Shoe Joint:		BHCT:					
Holes in casing:		Displacement:	bbls	Maximum:		Psi			
		Pre-Flush:	bbls						
Sks.		Cement Additives							
Lead Cement:	1500	50/50 POZ H							
Cmt. Wt.	11.90	Yield	2.37	Gal/sk	13.52	Mixing Water:	482.86	:bbls	
						Total Ft. ³ :	3555.00	ft. ³	
Middle Cement:									
Cmt. Wt.		Yield		Gal/sk		Mixing Water:		:bbls	
						Total Ft. ³ :		ft. ³	
Tail Cement:	750	STAR BOND C							
Cmt. Wt.	13.20	Yield	1.60	Gal/sk	7.72	Mixing Water:	137.86	:bbls	
						Total Ft. ³ :	1200.00	ft. ³	
Cmt. Wt.		Yield		Gal/sk		Mixing Water:		:bbls	
						Total Ft. ³ :		ft. ³	
Total sks:	2250	sks.	Total Bbls. Cmt.:	846.87	:Bbls	Total Water for Job:			
Total Ft. ³ :	4755	ft. ³	Total Mix Water:	620.71	:Bbls	660.71 :Bbls			

Acid Systems

Acid System:	N/A	Gallons				
Diverter:	N/A	Balls	Coarse Rock Salt			
Injection Rate:		Job Pressures		Job Log Remarks:		
Time	Rate:	Bbls in	Tbg psi			
600PM					CALL OUT	
730PM					ARRIVE ON LOCATION	
800PM					RIGG UP TRUCKS	
100AM					START JOB	
105AM	2	3		2500	TEST LINES	
110AM	7	20		200	WATER AHEAD	
118AM	8	645		300	LEAD CEMENT @11.9	
225AM	8	604		200	LOST ALL RETURNS	
240AM	8	230		170	TAIL CEMENT	
325AM					SHUTDOWN	
326AM					DROP PLUG	
SERVICE REPRESENTATIVE:		Signature Please		CUSTOMER REPRESENTATIVE:		Signature Please
X				X		



RISEING STAR SERVICES LP.
P.O.Box 61193
Midland, Texas 79711
Office# 432-617-0114
Fax # 432-339-0140

• OIL WELL CEMENTING
ACID SERVICES

• TURNKEY ABANDONMENTS

Field Invoice:

8759

Date of Job	10/7/2009	District:	Hobbs,NM	New Well:	☒	Old Well:	☐
Customer:	Nadel&Gussman Permian,L.L.C.			Well #:	5	Lease:	LOVING 2 STAE
Address:	PO BOX 1936			County/ Parrish	LOVING	State:	NEW MEXICO
City:	ROSWELL	State:	NEW MEXICO	Field:			
Zip Code:				AP#:	Mileage: 50		
Contact Person/Company man:	KEITH CANNON			Salesman:	BILL		
Contact Number:				Service Supervisor:	JAVIER VELASQUEZ		
Rig Contractor:	575-626-1936			Tractor:	Trailer:	Equipment Operators:	
Head and manifold:	5 1/2			PK1021		JAVIER VELASQUEZ	
Type of Service Requested by Customer:				T1042	CP3009	GLENN MCGEE	
						BRUCE MEDOWS	
Sks/Gals.	Cement Type/Additives			T1021	CB2008	GABRIEL MOLINA	
1500	50/50 POZ H 10%GEL,2/10%C12,5%SALT			T1036	CB2012	JEFF MC CLAIN	
	.25%R-38						
750	STAR BOND C .5% FL10,.5%C12,.2%C-15						
	3#SKGILSONIGHT,3%SALT,.25%R-38						

subject to the terms and conditions attached including indemnity and waiver of warranty provisions. No additional terms and conditions shall apply to this order

Signed: **x**

Well Owner, Operator, or Agent

Terms-Net

Payable on Receipt

Over 30 Days, Discount Voids

Supervisor:

JAVIER VELASQUEZ

[illegible]

New Mexico
OIL AND GAS DIVISION

INCLINATION REPORT (One Copy Must Be Filed With Each Completion Report)		6. District 7. Lease Number. (Oil completions only) 305042
1. FIELD NAME Loving 2. State	2. LEASE NAME	8. Well Number # 5
3. OPERATOR Nadel & Gussman HEYCO, LLC		9. Identification Number (Gas completions only)
4. ADDRESS 601 North Marienfeld Street, Suite 508 Midland, TX 79701-4365		10. County Eddy
5. LOCATION (Section, Block, and Survey) ULK Sec. 2, T23S - R28E 1865'FSL 1980FWL		

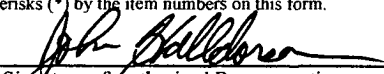
RECORD OF INCLINATION

*11. Measured Depth (feet)	12. Course Length (Hundreds of feet)	*13. Angle of Inclination (Degrees)	14. Displacement per Hundred Feet (Sine of Angle x100)	15. Course Displacement (feet)	16. Accumulative Displacement (feet)
263	263	0.75	1.31	3.44	3.44
387	124	0.75	1.31	1.62	5.06
886	499	1.00	1.75	8.73	13.79
1415	529	1.25	2.18	11.53	25.32
1909	494	0.75	1.31	6.47	31.79
2342	433	3.25	5.67	24.55	56.34
2406	64	4.00	6.98	4.46	60.80
2468	62	3.50	6.11	3.78	64.58
2499	31	3.25	5.67	1.75	66.33
2685	186	2.75	4.80	8.92	75.25
2901	216	1.75	3.05	6.58	81.83
3212	311	1.00	1.75	5.44	87.27
3708	496	0.75	1.31	6.49	93.76
4203	495	0.50	0.87	4.30	98.06
4698	495	0.25	0.44	2.17	100.23

If additional space is needed, use the reverse side of this form.

17. Is any information shown on the reverse side of this form? ☒ yes ☐ no
18. Accumulative total displacement of well bore at total depth of 7886 feet = 157.62 feet.
- *19. Inclination measurements were made in - ☐ Tubing ☐ Casing ☒ Open hole
20. Distance from surface location of well to the nearest lease line 1865 feet.
21. Minimum distance to lease line as prescribed by field rules 1865 feet.
22. Was the subject well at any time intentionally deviated from the vertical in any manner whatsoever? NO

(If the answer to the above question is "yes," attach written explanation of the circumstances.)

INCLINATION DATA CERTIFICATION I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that I have personal knowledge of the inclination data and facts placed on both sides of this form and that such data and facts are true, correct, and complete to the best of my knowledge. This certification covers all data as indicated by asterisks (*) by the item numbers on this form.  _____ Signature of Authorized Representative John Halldorson Name of Person and Title (type or print) Eagle Rock Drilling, Inc. Name of Company Telephone: 432-682-3030 Area Code	OPERATOR CERTIFICATION I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that I have personal knowledge of all information presented in this report, and that all data presented on both sides of this form are true, correct, and complete to the best of my knowledge. This certification covers all data and information presented herein except inclination data as indicated by asterisks (*) by the item numbers on this form. _____ Signature of Authorized Representative _____ Name of Person and Title (type or print) _____ Operator Telephone: _____ Area Code
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Railroad Commission Use Only:

Approved By: _____ Title: _____ Date: _____

* Designates items certified by company that conducted the inclination surveys.



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[illegible]

If additional space is needed, use the reverse side of this form. ☐

REMARKS:

- INSTRUCTIONS -

An inclination survey made by persons or concerns approved by the Commission shall be filed on a form prescribed by the Commission for each well drilled or deepened with rotary tools or when, as a result of any operation, the course of the well is changed. No inclination survey is required on wells that are drilled and completed as dry holes that are plugged and abandoned. (Inclination surveys are required on re-entry of abandoned wells.)

Inclination surveys must be made in accordance with the provisions of Statewide Rule 11.

This report shall be filed in the District Office of the Commission for the district in which the well is drilled, by attaching one copy to each appropriate completion for the well. (except Plugging Report)

The Commission may require the submittal of the original charts, graphs, or discs, resulting from the surveys.