

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 87240
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

WELL API NO. 30-015-30690
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name: CONOCO 9 STATE COM
8. Well Number 1
9. OGRID Number 7377
10. Pool name or Wildcat Sandy Tank (Morrow)

RECEIVED

SEP 07 2010

NMOCD ARTESIA

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 C.O.G. OPERATING, L.L.C.
3. Address of Operator 550 W. Texas, Ste. 1300, Fasken Tower II, Midland, TX 79701	4. Well Location Unit Letter <u>G</u> : <u>1980</u> feet from the <u>NORTH</u> line and <u>1350</u> feet from the <u>EAST</u> line Section <u>9</u> Township <u>17-S</u> Range <u>29-E</u> NMPM County <u>EDDY</u>

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

Pit or Below-grade Tank Application ☐ or Closure ☐
Pit type <u>STEEL</u> Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____
Pit Liner Thickness: <u>STEEL</u> mil Below-Grade Tank: Volume _____ bbls; Construction Material <u>STEEL</u>

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.

Wellbore circulate & cement displaced w/10# M.L.F. 8-24-10 Tbg. @10,499'. Spot 50 sx. "H" cmt. W.O.C. O.N. Tag & plug @10,399'. 8-25-10 Tbg. @9,896'. Spot 40 sx. H cmt. -9,896' -9,757'. Calculate T.O.C. Tbg. @8,950'. Spot 50 sx. H cmt. W.O.C. for 9 hrs. R.I.H. tbg. Tag & plug @8,825'. Tbg. @8,380'. Spot 80 sx. H cmt. W.O.C. overnight. Tag plug @8,190'. 8-26-10 Tbg. @8,190'. Spot 120 sx. H cmt. -8,190' -7,772'. Calculate T.O.C. O.K. by Phil Hawkins-O.C.D. Tbg. @7,454'. Spot 90 sx. H cmt. -7,454' -7,140'. Calculate T.O.C. O.K. by Phil Hawkins-O.C.D. Tbg. @6,026'. Spot 50 sx. H cmt. -6,026' -5,852'. Calculate T.O.C. Tbg. @3,901'. Spot 45 sx. "C" cmt. -3,901' -3,739'. Calculate T.O.C. Tbg. @2,700'. Spot 45 sx. "C" cmt. W.O.C. O.N. Tag & plug @2,569'. 8-27-10 Tbg. @500'. Pump 147 sx. cmt. to surf. Lay down tbg. Top off w/cmt. R.D.M.O.

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 NMOCD guidelines ☐ , a general permit ☐ or an (attached) alternative OCD-approved plan ☐

SIGNATURE Randall Minear TITLE Area Mgr. DATE 8-30-10

E-mail address:

Type or print name Randall Minear

Telephone No. (432) 563-3355

For State Use Only

APPROVED BY PH Hawkins

Conditions of Approval, if any:

TITLE _____ DATE 9/8/2010

Approved for plugging of well bore only.
Liability under bond is retained pending receipt of C-103 (Subsequent Report of Well Plugging) which may be found at OCD Web Page under Forms. www.emnrd.state.nm.us/oed.

COG OPERATING

Loco Hills
Eddy County, NM
Imperial State #2
VH - job #32K0710561

Survey: Actual

SDI Standard Survey Report

21 August, 2010

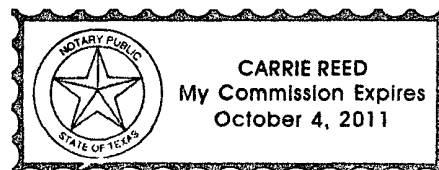
This survey is correct to the best of my knowledge and is supported by actual field data.

Swanton

Notorized this date 23rd of August, 2010.

Carrie Reed

Notary Signature
County of Midland
State of Texas



Scientific Drilling International, Inc.
SDI Standard Survey Report

Company:	COG OPERATING	Local Co-ordinate Reference:	Well Imperial State #2
Project:	Loco Hills	TVD Reference:	WELL @ 0.0usft (Original Well Elev)
Site:	Eddy County, NM	MD Reference:	WELL @ 0.0usft (Original Well Elev)
Well:	Imperial State #2	North Reference:	True
Wellbore:	VH - job #32K0710561	Survey Calculation Method:	Minimum Curvature
Design:	VH - job #32K0710561	Database:	EDM-Regulatory

Project	Loco Hills		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		

Well	Imperial State #2					
Well Position	+N/-S	0.0 usft	Northing:	665,851.73 usft	Latitude:	32° 49' 48.000 N
	+E/-W	0.0 usft	Easting:	610,069.49 usft	Longitude:	103° 58' 30.000 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	usft	Ground Level:	0.0 usft

Wellbore						VH - job #32K0710561									
Magnetics						Model Name		Sample Date		Declination		Dip Angle		Field Strength	
										(°)		(°)		(nT)	
						IGRF2000		12/31/2004		8.80		60.93		49,769	

Design		VH - job #32K0710561			
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.0	0.0	0.0	92.83	

Survey Program		Date	8/21/2010		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
100.0	5,820.0	Actual (VH - job #32K0710561)	Keeper	Keeper Gyro	

Survey								
Measured Depth	Inclination	Azimuth	True Vertical	North/South	East/West	Closure Azimuth	Closure Distance	
(usft)	(°)	(°)	Depth	(usft)	(usft)	(°)	(usft)	
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.0	
100.0	0.40	94.29	100.0	0.0	0.3	94.29	0.3	
200.0	0.81	71.66	200.0	0.2	1.4	82.90	1.4	
300.0	1.62	96.58	300.0	0.2	3.4	86.17	3.5	
400.0	1.68	116.64	399.9	-0.6	6.2	95.46	6.2	
500.0	1.86	125.20	499.9	-2.2	8.8	103.93	9.1	
600.0	1.87	124.76	599.8	-4.0	11.5	109.45	12.2	
700.0	1.75	119.73	699.8	-5.7	14.1	112.09	15.2	
800.0	1.90	109.13	799.7	-7.0	17.0	112.46	18.4	
900.0	1.84	106.59	899.7	-8.0	20.1	111.77	21.7	
1,000.0	2.04	104.22	999.6	-8.9	23.4	110.90	25.0	
1,100.0	2.38	100.12	1,099.5	-9.7	27.2	109.72	28.8	
1,200.0	1.72	102.42	1,199.5	-10.4	30.7	108.77	32.4	
1,300.0	1.51	105.03	1,299.4	-11.1	33.4	108.36	35.2	
1,400.0	1.04	118.57	1,399.4	-11.9	35.5	108.49	37.4	
1,500.0	1.06	118.11	1,499.4	-12.7	37.1	108.95	39.2	
1,600.0	0.66	111.20	1,599.4	-13.4	38.4	109.19	40.7	

Scientific Drilling International, Inc.
SDI Standard Survey Report

Company:	COG OPERATING	Local Co-ordinate Reference:	Well Imperial State #2
Project:	Loco Hills	TVD Reference:	WELL @ 0.0usft (Original Well Elev)
Site:	Eddy County, NM	MD Reference:	WELL @ 0.0usft (Original Well Elev)
Well:	Imperial State #2	North Reference:	True
Wellbore:	VH - job #32K0710561	Survey Calculation Method:	Minimum Curvature
Design:	VH - job #32K0710561	Database:	EDM-Regulatory

Survey							
Measured Depth (usft)	Inclination (°)	Azimuth (°)	True Vertical Depth	North/South (usft)	East/West (usft)	Closure Azimuth (°)	Closure Distance (usft)
1,700.0	0.30	116.63	1,699.4	-13.7	39.2	109.26	41.5
1,800.0	0.09	187.00	1,799.4	-13.9	39.4	109.41	41.8
1,900.0	0.15	284.21	1,899.4	-13.9	39.3	109.53	41.7
2,000.0	0.32	315.77	1,999.4	-13.7	39.0	109.38	41.3
2,100.0	0.41	331.87	2,099.4	-13.2	38.6	108.87	40.8
2,200.0	0.63	357.24	2,199.4	-12.3	38.4	107.79	40.3
2,300.0	0.86	11.39	2,299.4	-11.0	38.5	105.99	40.1
2,400.0	0.92	10.04	2,399.4	-9.5	38.8	103.78	40.0
2,500.0	0.96	5.33	2,499.3	-7.9	39.0	101.43	39.8
2,600.0	0.94	14.64	2,599.3	-6.3	39.3	99.05	39.8
2,700.0	0.90	17.71	2,699.3	-4.7	39.8	96.77	40.1
2,800.0	0.82	23.66	2,799.3	-3.3	40.3	94.71	40.4
2,900.0	0.64	45.46	2,899.3	-2.3	41.0	93.18	41.1
3,000.0	0.70	46.32	2,999.3	-1.5	41.8	92.00	41.9
3,100.0	0.46	33.69	3,099.3	-0.7	42.5	90.95	42.5
3,200.0	0.37	14.65	3,199.3	-0.1	42.8	90.08	42.8
3,300.0	0.23	283.75	3,299.3	0.3	42.7	89.60	42.7
3,400.0	0.33	241.65	3,399.3	0.2	42.2	89.71	42.2
3,500.0	0.30	231.37	3,499.3	-0.1	41.8	90.12	41.8
3,600.0	0.42	211.47	3,599.3	-0.6	41.4	90.78	41.4
3,700.0	0.46	223.04	3,699.3	-1.2	40.9	91.64	40.9
3,800.0	0.39	225.98	3,799.3	-1.7	40.4	92.41	40.4
3,900.0	0.47	229.51	3,899.3	-2.2	39.8	93.16	39.9
4,000.0	0.53	245.63	3,999.3	-2.7	39.1	93.89	39.2
4,100.0	0.43	244.82	4,099.3	-3.0	38.3	94.49	38.5
4,200.0	0.62	255.37	4,199.3	-3.3	37.5	95.04	37.6
4,300.0	0.64	291.58	4,299.3	-3.2	36.4	95.08	36.6
4,400.0	0.93	314.62	4,399.2	-2.5	35.3	93.98	35.4
4,500.0	0.99	310.00	4,499.2	-1.3	34.1	92.24	34.1
4,600.0	0.75	333.33	4,599.2	-0.2	33.1	90.34	33.1
4,700.0	0.56	312.77	4,699.2	0.7	32.5	88.73	32.5
4,800.0	0.80	303.59	4,799.2	1.4	31.6	87.39	31.6
4,900.0	0.66	307.28	4,899.2	2.2	30.5	85.93	30.6
5,000.0	0.07	182.75	4,999.2	2.5	30.1	85.32	30.2
5,100.0	0.18	133.66	5,099.2	2.3	30.2	85.66	30.3
5,200.0	0.42	114.05	5,199.2	2.0	30.6	86.20	30.7
5,300.0	0.38	114.38	5,299.2	1.7	31.3	86.80	31.3
5,400.0	0.48	145.60	5,399.2	1.3	31.8	87.72	31.8
5,500.0	0.44	136.42	5,499.2	0.6	32.3	88.86	32.3
5,600.0	0.40	162.67	5,599.2	0.0	32.7	89.95	32.7
5,700.0	0.47	192.14	5,699.2	-0.7	32.7	91.23	32.7
5,800.0	0.46	207.22	5,799.2	-1.5	32.4	92.58	32.4
5,820.0	0.43	206.71	5,819.2	-1.6	32.3	92.83	32.4



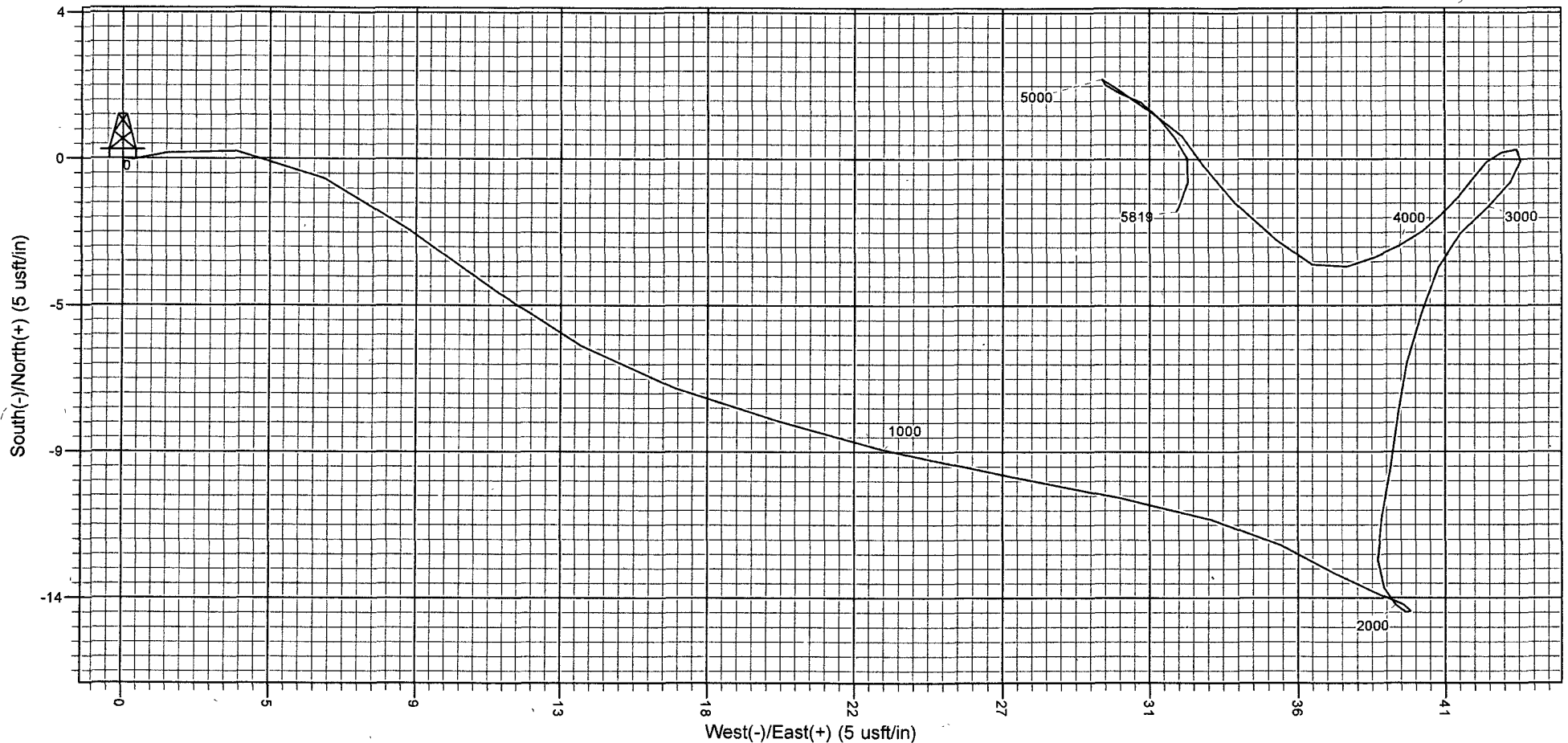
Project: Loco Hills
 Eddy County, NM
 Well: Imperial State #2
 Wellbore: VH - job #32K0710561
 Design: VH - job #32K0710561



Azimuths to True North
 Magnetic North. 8.80°
 Magnetic Field
 Strength 49769.1snT
 Dip Angle: 60.93°
 Date: 12/31/2004
 Model: IGRF2000

WELL DETAILS: Imperial State #2
 WELL @ 0.0usft (Original Well Elev)
 Ground Level: 0.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	665851.73	610069.49	32° 49' 48.000 N	103° 58' 30.000 W	



PROJECT DETAILS: Loco Hills
 Geodetic System: US State Plane 1927 (Exact solution)
 Datum: NAD 1927 (NADCON CONUS)
 Ellipsoid: Clarke 1866
 Zone: New Mexico East 3001
 System Datum: Mean Sea Level

SITE DETAILS: Eddy County, NM
 Site Centre Latitude: 32° 49' 48.000 N
 Longitude: 103° 58' 30.000 W
 Positional Uncertainty: 0.0
 Convergence: 0.19
 Local North: True