

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 88241
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
June 19, 2008

RECEIVED

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, NM 87505

HOBBSOCD

WELL API NO.	30-025-37431 ✓
5. Indicate Type of Lease	STATE ☒ FEE ☐ ✓
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name	Vacuum Abo Unit ✓
8. Well Number	024 ✓
9. OGRID Number	217817 ✓
10. Pool name or Wildcat	Vacuum; Abo Reef ✓
11. Elevation (Show whether DR, RKB, RT, GR, etc.)	3936' 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 ConocoPhillips Company ✓

3. Address of Operator 3300 N. "A" St., Bldg. 6
Midland, TX 79705

4. Well Location

Unit Letter C : 1230 feet from the NORTH line and 1430 feet from the WEST line ✓
Section 4 Township 18S Range 35E NMPM County LEA

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 COMPL ☐
DOWNHOLE COMMINGLE ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: ☐

OTHER: Directional Survey Submittal ☒

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.

Directional survey performed on 10/27/2008, run to 9110' TD. A copy of the survey is attached.

Spud Date:

Rig Release Date:

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

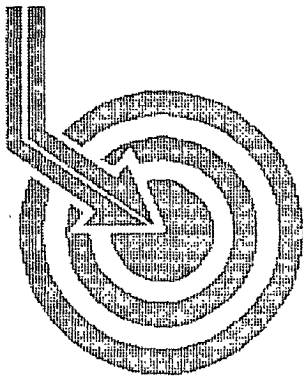
SIGNATURE Jalyn N. Fiske TITLE Regulatory Specialist DATE 01/19/2009

Type or print name Jalyn N. Fiske E-mail address: Jalyn.Fiske@conocophillips.com PHONE: (432)688-6813

For State Use Only

APPROVED BY: [Signature] TITLE PETROLEUM ENGINEER DATE JUL 23 2009

Conditions of Approval (if any):



Scientific Drilling

SUR: C-04-18s-35e, 1230/N & 1430/W
BHL: D-04-18s-35e, 1023/N & 1151/W
API # 30-025-37431

CONOCOPHILLIPS

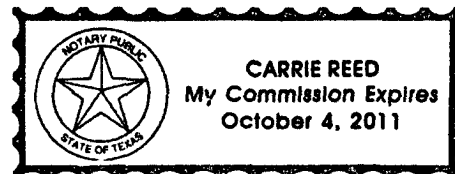
Field: Vacuum Abo
Site: Lea County, NM
Well: Vacuum Abo #13-24
Wellpath: VH - Job #32K1008844
Survey: 10/27/08

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

.....*Luha*.....Company Representative

Notorized this date 24th of November, 2008.

Carrie Reed
Notary Signature
County of Midland
State of Texas





Scientific
Drilling

Scientific Drilling International Survey Report

Company: CONOCOPHILLIPS	Date: 11/15/2008	Time: 17:13:01	Page: 1
Field: Vacuum Abo	Co-ordinate(NE) Reference: Site: Lea County, NM, True North		
Site: Lea County, NM	Vertical (TVD) Reference: SITE 0.0		
Well: Vacuum Abo #13-24	Section (VS) Reference: Well (0.00N,0.00E,307.06Azi)		
Wellpath: VH - Job #32K1008844	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Survey: 10/27/08	Start Date: 10/27/2008
Company: Scientific Drilling Internatio	Engineer: Garza w/J&W
Tool: Keeper;Keeper Gyro	Tied-to: From Surface

Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.21	27.89	100.00	0.03	0.16	0.09	0.21	0.18	27.89
200.00	0.39	295.38	200.00	0.39	0.47	-0.14	0.45	0.49	343.85
300.00	0.07	36.43	300.00	0.73	0.66	-0.41	0.41	0.78	328.51
400.00	0.14	235.09	400.00	0.76	0.64	-0.47	0.21	0.80	323.81
500.00	0.16	249.57	500.00	0.88	0.53	-0.70	0.04	0.88	306.81
600.00	0.12	254.86	600.00	1.02	0.45	-0.93	0.04	1.04	295.69
700.00	0.06	230.19	700.00	1.09	0.39	-1.08	0.07	1.14	289.86
800.00	0.08	237.28	800.00	1.13	0.32	-1.17	0.02	1.22	285.11
900.00	0.12	268.79	900.00	1.23	0.28	-1.34	0.07	1.37	281.71
1000.00	0.22	267.42	1000.00	1.46	0.27	-1.63	0.10	1.66	279.26
1100.00	0.37	249.05	1100.00	1.78	0.14	-2.13	0.18	2.13	273.83
1200.00	0.46	243.93	1199.99	2.14	-0.15	-2.79	0.10	2.79	266.93
1300.00	0.52	248.42	1299.99	2.55	-0.49	-3.57	0.07	3.61	262.14
1400.00	0.67	265.84	1399.98	3.23	-0.70	-4.58	0.23	4.63	261.28
1500.00	0.71	271.03	1499.98	4.17	-0.73	-5.78	0.07	5.83	262.77
1600.00	0.56	276.83	1599.97	5.09	-0.66	-6.88	0.16	6.92	264.49
1700.00	0.49	277.40	1699.97	5.89	-0.55	-7.79	0.07	7.81	265.96
1800.00	0.45	279.16	1799.96	6.61	-0.43	-8.61	0.04	8.62	267.12
1900.00	0.53	279.55	1899.96	7.36	-0.29	-9.45	0.08	9.45	268.22
2000.00	0.51	281.33	1999.95	8.18	-0.13	-10.34	0.03	10.34	269.28
2100.00	0.55	278.35	2099.95	9.00	0.03	-11.25	0.05	11.25	270.14
2200.00	0.52	279.36	2199.95	9.82	0.17	-12.18	0.03	12.18	270.80
2300.00	0.38	281.38	2299.94	10.52	0.31	-12.95	0.14	12.95	271.37
2400.00	0.29	291.17	2399.94	11.06	0.47	-13.51	0.11	13.52	271.98
2500.00	0.27	296.67	2499.94	11.54	0.66	-13.96	0.03	13.97	272.72
2600.00	0.21	311.71	2599.94	11.95	0.89	-14.30	0.09	14.33	273.57
2700.00	0.21	315.20	2699.94	12.32	1.14	-14.57	0.01	14.61	274.49
2800.00	0.19	319.63	2799.94	12.66	1.40	-14.81	0.03	14.87	275.40
2900.00	0.29	338.54	2899.94	13.04	1.76	-15.01	0.13	15.11	276.70
3000.00	0.36	335.52	2999.94	13.53	2.28	-15.23	0.07	15.40	278.53
3100.00	0.40	347.11	3099.93	14.07	2.91	-15.44	0.09	15.71	280.67
3200.00	0.66	336.68	3199.93	14.84	3.78	-15.74	0.28	16.19	283.50
3300.00	0.73	337.56	3299.92	15.89	4.90	-16.21	0.07	16.94	286.80
3400.00	0.81	336.55	3399.91	17.05	6.13	-16.74	0.08	17.83	290.12
3500.00	1.04	333.36	3499.90	18.48	7.59	-17.43	0.24	19.01	293.54
3600.00	1.34	324.08	3599.88	20.41	9.35	-18.52	0.36	20.75	296.79
3700.00	1.44	328.21	3699.85	22.70	11.37	-19.87	0.14	22.89	299.77
3800.00	1.77	325.74	3799.81	25.34	13.71	-21.40	0.34	25.41	302.65
3900.00	2.15	324.89	3899.75	28.59	16.52	-23.35	0.38	28.60	305.29
4000.00	2.32	323.81	3999.67	32.31	19.69	-25.62	0.18	32.31	307.54
4100.00	2.44	324.27	4099.59	36.28	23.05	-28.06	0.12	36.31	309.40
4200.00	2.59	324.07	4199.49	40.48	26.61	-30.63	0.15	40.57	310.98
4300.00	2.65	323.15	4299.39	44.86	30.29	-33.34	0.07	45.04	312.25
4400.00	2.71	323.08	4399.28	49.35	34.03	-36.15	0.06	49.64	313.27
4500.00	2.67	323.19	4499.17	53.86	37.78	-38.96	0.04	54.27	314.12
4600.00	2.78	321.72	4599.05	58.44	41.55	-41.86	0.13	58.98	314.79
4700.00	2.75	322.54	4698.94	63.10	45.36	-44.82	0.05	63.77	315.34
4800.00	2.78	322.26	4798.82	67.75	49.18	-47.76	0.03	68.56	315.84



Scientific Drilling International Survey Report

Company: CONOCOPHILLIPS
Field: Vacuum Abo
Site: Lea County, NM
Well: Vacuum Abo #13-24
Wellpath: VH- Job #32K1008844

Date: 11/15/2008 Time: 17:13:01 Page: 2
Co-ordinate(NE) Reference: Site: Lea County, NM, True North
Vertical (TVD) Reference: SITE 0.0
Section (VS) Reference: Well (0.00N,0.00E,307.06Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
4900.00	2.70	324.07	4898.71	72.35	53.01	-50.63	0.12	73.30	316.31
5000.00	2.75	322.90	4998.59	76.91	56.83	-53.46	0.07	78.02	316.75
5100.00	2.56	317.86	5098.49	81.41	60.40	-56.41	0.30	82.64	316.96
5200.00	2.62	313.90	5198.38	85.87	63.64	-59.55	0.19	87.15	316.90
5300.00	2.77	311.64	5298.27	90.55	66.83	-63.00	0.18	91.84	316.69
5400.00	2.76	311.03	5398.16	95.36	70.01	-66.63	0.03	96.65	316.42
5500.00	2.83	311.49	5498.04	100.22	73.23	-70.29	0.07	101.51	316.17
5600.00	2.78	312.11	5597.92	105.10	76.49	-73.94	0.06	106.39	315.97
5700.00	2.71	313.71	5697.80	109.86	79.75	-77.45	0.10	111.17	315.84
5800.00	2.79	311.99	5797.69	114.64	83.01	-80.97	0.11	115.96	315.72
5900.00	2.85	312.82	5897.57	119.53	86.33	-84.60	0.07	120.87	315.58
6000.00	2.86	312.07	5997.44	124.49	89.69	-88.27	0.04	125.84	315.46
6100.00	2.81	312.99	6097.32	129.42	93.03	-91.92	0.07	130.78	315.35
6200.00	2.81	314.08	6197.20	134.29	96.41	-95.47	0.05	135.68	315.28
6300.00	2.70	314.39	6297.09	139.06	99.76	-98.92	0.11	140.49	315.24
6400.00	2.75	313.35	6396.97	143.78	103.06	-102.34	0.07	145.24	315.20
6500.00	2.71	310.75	6496.86	148.52	106.25	-105.88	0.13	150.00	315.10
6600.00	2.51	310.94	6596.76	153.06	109.23	-109.32	0.20	154.54	314.97
6700.00	2.48	309.54	6696.66	157.41	112.04	-112.65	0.07	158.88	314.84
6800.00	2.41	307.01	6796.57	161.67	114.68	-115.99	0.13	163.11	314.67
6900.00	2.40	308.73	6896.48	165.87	117.26	-119.31	0.07	167.28	314.50
7000.00	2.51	307.88	6996.39	170.15	119.91	-122.67	0.12	171.54	314.35
7100.00	2.67	307.26	7096.29	174.67	122.67	-126.25	0.16	176.03	314.18
7200.00	2.82	308.67	7196.17	179.46	125.61	-130.02	0.16	180.79	314.01
7300.00	2.97	306.26	7296.05	184.51	128.68	-134.03	0.19	185.81	313.83
7400.00	3.20	306.57	7395.90	189.89	131.88	-138.36	0.23	191.14	313.62
7500.00	3.21	307.22	7495.74	195.48	135.23	-142.84	0.04	196.70	313.43
7600.00	3.56	305.31	7595.57	201.38	138.72	-147.60	0.37	202.56	313.22
7700.00	3.67	305.84	7695.37	207.69	142.39	-152.73	0.11	208.81	312.99
7800.00	3.90	302.40	7795.15	214.28	146.09	-158.19	0.32	215.33	312.72
7900.00	4.16	301.16	7894.90	221.27	149.79	-164.17	0.27	222.23	312.38
8000.00	4.58	299.85	7994.61	228.84	153.65	-170.73	0.43	229.69	311.99
8100.00	4.98	298.58	8094.27	237.10	157.71	-178.01	0.41	237.82	311.54
8200.00	4.92	298.15	8193.89	245.63	161.81	-185.60	0.07	246.23	311.08
8300.00	4.77	301.30	8293.54	254.00	166.00	-192.93	0.31	254.52	310.71
8400.00	4.75	299.66	8393.19	262.24	170.20	-200.09	0.14	262.69	310.39
8500.00	4.79	300.20	8492.84	270.49	174.35	-207.29	0.06	270.87	310.07
8600.00	5.12	300.03	8592.47	279.07	178.69	-214.76	0.33	279.38	309.76
8700.00	5.70	297.70	8692.03	288.40	183.23	-223.02	0.62	288.64	309.41
8800.00	6.41	294.40	8791.47	298.74	187.84	-232.50	0.79	298.90	308.94
8900.00	6.89	292.64	8890.79	310.00	192.46	-243.12	0.52	310.08	308.37
9000.00	7.38	291.59	8990.02	322.00	197.13	-254.63	0.51	322.02	307.75
9100.00	7.73	291.36	9089.15	334.66	201.94	-266.87	0.35	334.66	307.12
9110.00	7.53	291.95	9099.06	335.94	202.43	-268.10	2.15	335.94	307.06



Scientific
Drilling

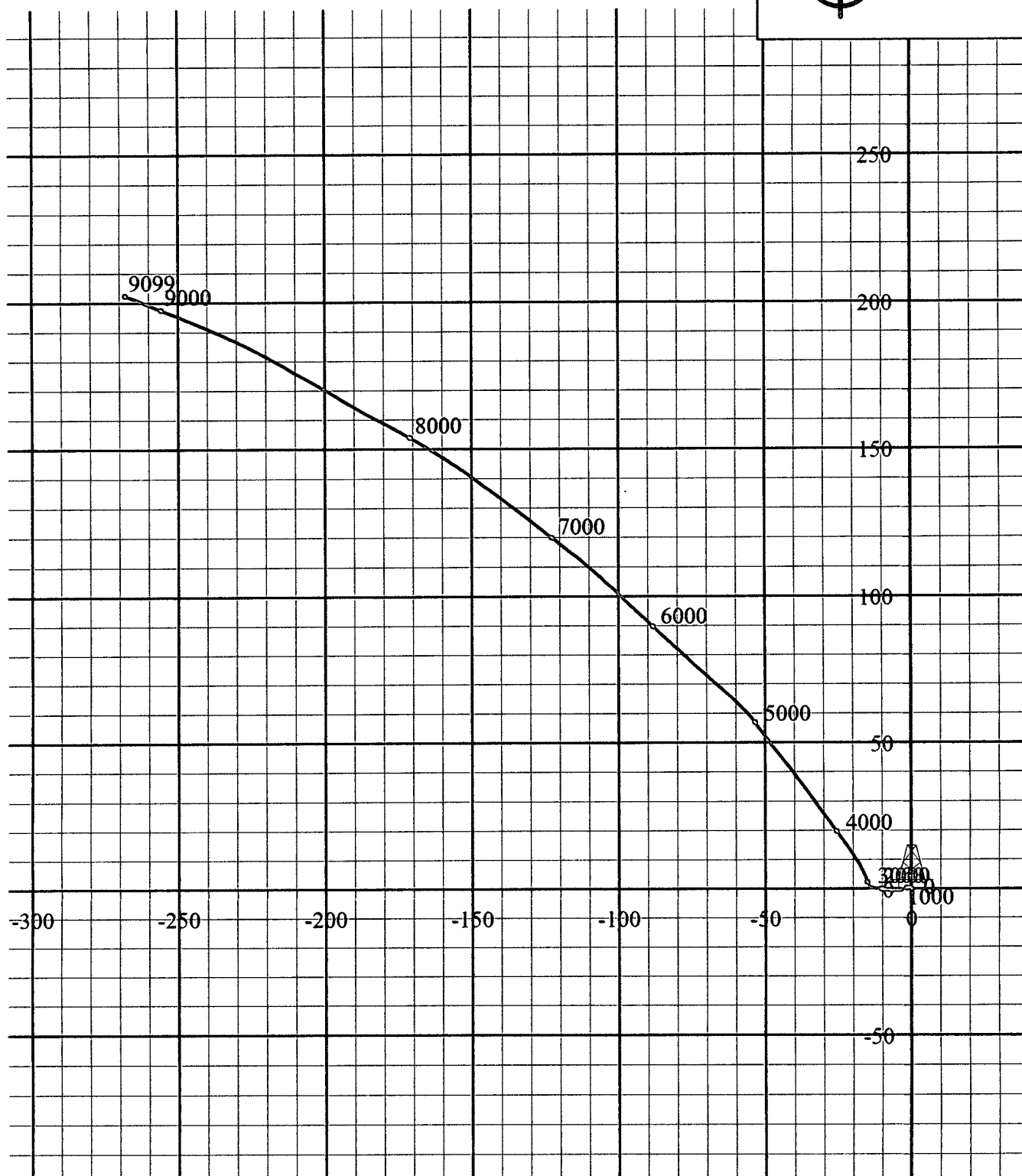
Field: Vacuum Abo
Site: Lea County, NM
Well: Vacuum Abo #13-24
Wellpath: VH - Job #32K1008844
Survey: 10/27/08



Azimuths to True North
Magnetic North: 0.00°

Magnetic Field
Strength: 0nT
Dip Angle: 0.00°
Date: 11/15/2008
Model: igrf2000

South(-)/North(+) [50ft/in]



West(-)/East(+) [50ft/in]