

N.M. Oil Cons. DIV-Dist. 2
1301 W. Grand Avenue
Albuquerque, NM 88210
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE- Other instructions on reverse side.1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

MAR 14 2008

2. Name of Operator
Armstrong Energy Corporation

OCD-ARTESIA

3a. Address
P.O. Box 1973, Roswell, NM 882023b. Phone No. (include area code)
575-625-2222

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

823' FNL & 1650' FWL Sec. 19-T13S-R29E
Proposed BHL 958 FNL & 1859 FWL

5. Lease Serial No.

NMNM-118110

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

Nitschke "66" Federal #1

9. API Well No.

30-005-63226

10. Field and Pool, or Exploratory Area
Lone Wolf Devonian, Southwest

11. County or Parish, State

Chaves County, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION				
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off	
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity	
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other	
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon		
	☐ Convert to Injection	☒ Plug Back	☐ Water Disposal		

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

2-13-08 Clean out to 2107', S.I. and test B.O.P. and casing at 850 psi for 30 min. O.K.

2-14-08 Drilled cement from 2000' to 2190', 3195' to 3331'.

2-15-08 Wash and ream to 5275'.

2-16-08 Drill cement 5315' to 5340'. Clean out to 6052'.

2-17 to 2-26-08 Wash and ream to 7485', recovering large pieces of formaation, plugging bit, elected to set plug at 7480'.

2-27-08 T.I.H. open ended, spot 300 sx. Premium Cement with .3 % CFR-3, mixed at 17.5 ppg. P.O.H. and S.D.

2-28-08 W.O.C.

2-29-08 T.I.H. and dress off plug, tagged cement at 6998', drilled to 7079', 4'/hr. with 6,000 lbs. weight on bit. Whipstock plug is hard.

3-1-08 L.D. tubing, prep to W.O.C. until rig arrives. Kick off point will be +/- 7125'.

Anticipate rig will move to location 3-8-08. Patterson Rig #510.

ACCEPTED FOR RECORD

MAR -6 2008

acs

ALEXIS C. SWOBODA
PETROLEUM ENGINEER14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Bruce A. Stubbs

Title Vice President - Operations

Signature

Date

03/04/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

Accepted for record - NMOCD

Armstrong Energy Corporation

Chaves County

S19 T13S R29E

Nitschke Fed #1

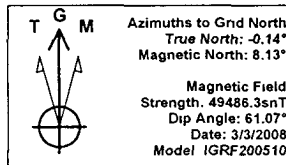
Original Hole

Plan: Plan #4

Pathfinder Survey Report

03 March, 2008

Armstrong Energy Corporation



PATHFINDER ENERGY SERVICES

Project: Chaves County
Site: S19 T13S R29E
Well: Nitschke Fed #1
Wellbore: Original Hole
Plan: Plan #4 (Nitschke Fed #1/Original Hole)

WELL DETAILS Nitschke Fed #1

Ground Elevation: 3647.00
RKB Elevation, Estimated RKB @ 3647.00ft
Rig Name

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	793412.000	580250.000	33° 10' 51.078 N	104° 4' 15.749 W	

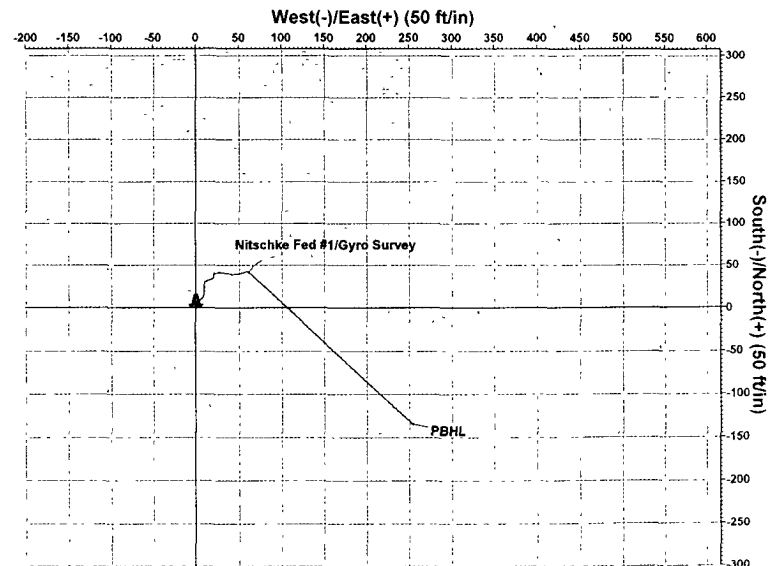
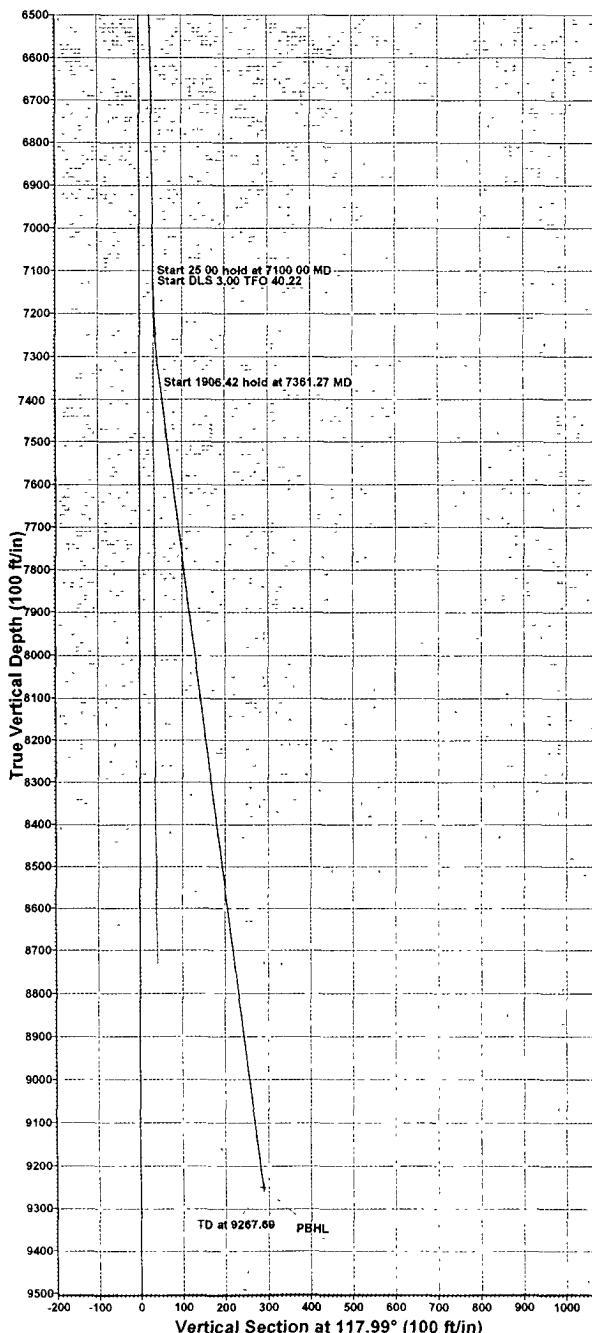
SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLog	TFace	VSec	Target
1	7100.00	0.47	94.63	7099.12	42.62	59.28	0.00	0.00	32.34	
2	7125.00	0.47	94.63	7124.12	42.60	59.48	0.00	0.00	32.53	
3	7361.27	7.45	132.53	7359.68	32.15	71.75	3.00	40.22	48.27	
4	9267.69	7.45	132.53	9250.00	-135.00	254.00	0.00	0.00	287.65	PBHL

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
PBHL	9250.00	-135.00	254.00	793277.000	580504.000	Point

PROJECT DETAILS: Chaves County
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
Local North: Grid



Plan: Plan #4 (Nitschke Fed #1/Original Hole)

Created By: Mark Freeman Date: 17.32, March 03 2008

Checked: _____ Date: _____

WHS

Pathfinder Survey Report

Company: Armstrong Energy Corporation
Project: Chaves County
Site: S19 T13S R29E
Well: Nitschke Fed #1
Wellbore: Original Hole
Design: Plan #4

Local Co-ordinate Reference: Site S19 T13S R29E
TVD Reference: Estimated RKB @ 3647.00ft
MD Reference: Estimated RKB @ 3647.00ft
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.16 Single User Db

Project	Chaves County		
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		

Site		S19 T13S R29E				
Site Position:		Northing:	793,412.000 ft	Latitude:	33° 10' 51.078 N	
From:	Map	Easting:	580,250.000 ft	Longitude:	104° 4' 15.749 W	
Position Uncertainty:		0.00 ft	Slot Radius:	"	Grid Convergence:	0.14 °

Well	Nitschke Fed #1					
Well Position	+N/-S	0.00 ft	Northing:	793,412.000 ft	Latitude:	33° 10' 51.078 N
	+E/-W	0.00 ft	Easting:	580,250.000 ft	Longitude:	104° 4' 15.749 W
Position Uncertainty	0.00 ft	Wellhead Elevation:	ft	Ground Level:	3,647.00 ft	

Wellbore	Original Hole				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	3/3/2008	8.27	61.07	49,486

Design	Plan #4				
Audit Notes:					
Version:	Phase:	PLAN	Tie On Depth:	7,100.00	
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)	
	0.00	0.00	0.00	117.99	

Survey Tool Program	Date: 3/3/2008				
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
100.00	7,100.00	Gyro Survey (Original Hole)	CT_GYRO_MS	Continuous Gyro Multishot	
7,100.00	7,125.00	Plan #4 (Original Hole)	MWD	MWD - Standard	

Planned Survey							
MD (ft)	Inc (°)	Azi (°)	TVD (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	DLeg (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.03	317.04	100.00	0.02	-0.02	-0.02	0.03
200.00	0.06	4.79	200.00	0.09	-0.03	-0.07	0.05
300.00	0.13	327.19	300.00	0.24	-0.09	-0.19	0.09
400.00	0.49	314.70	400.00	0.63	-0.45	-0.70	0.36
500.00	0.39	301.19	500.00	1.11	-1.05	-1.45	0.14
600.00	0.45	322.82	599.99	1.60	-1.58	-2.14	0.17
700.00	0.54	319.03	699.99	2.27	-2.12	-2.94	0.10
800.00	0.37	307.39	799.99	2.82	-2.69	-3.70	0.19
900.00	0.13	347.80	899.98	3.13	-2.97	-4.09	0.28
1,000.00	0.21	14.95	999.98	3.42	-2.95	-4.20	0.11

WHS

Pathfinder Survey Report

Company: Armstrong Energy Corporation
Project: Chaves County
Site: S19 T13S R29E
Well: Nitschke Fed #1
Wellbore: Original Hole
Design: Plan #4

Local Co-ordinate Reference: Site S19 T13S R29E
TVD Reference: Estimated RKB @ 3647.00ft
MD Reference: Estimated RKB @ 3647.00ft
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.16 Single User Db

Planned Survey

MD (ft)	Inc (°)	Azi (°)	TVD (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	DLeg (°/100ft)
1,100.00	0 22	14.54	1,099.98	3 78	-2 85	-4.29	0.01
1,200.00	0 10	67.51	1,199.98	4.00	-2 72	-4 28	0 18
1,300.00	0 22	61.35	1,299.98	4.12	-2.47	-4.12	0.12
1,400.00	0.27	34 22	1,399.98	4.41	-2.17	-3.99	0.12
1,500.00	0 28	14.06	1,499.98	4.84	-1 98	-4.02	0 10
1,600.00	0.27	16.43	1,599.98	5 31	-1.85	-4.13	0 02
1,700.00	0.26	21.71	1,699.98	5 74	-1.70	-4.20	0 03
1,800.00	0 39	30.38	1,799.98	6.25	-1.45	-4.21	0 14
1,900.00	0 48	48.55	1,899.97	6 82	-0.96	-4.05	0.16
2,000.00	0.59	46 60	1,999.97	7 45	-0.27	-3.74	0 11
2,100.00	0.53	48.08	2,099.97	8 11	0 44	-3 41	0.06
2,200.00	0.41	63.26	2,199.96	8 58	1 11	-3 05	0 17
2,300.00	0.54	80.39	2,299.96	8.82	1.89	-2.47	0 19
2,400.00	0.53	57.59	2,399.95	9.15	2 75	-1.87	0 21
2,500.00	0.53	71.54	2,499.95	9 54	3 58	-1.32	0 13
2,600.00	0 77	66.81	2,599.94	9 95	4 63	-0 58	0 25
2,700.00	0 79	46.22	2,699.93	10 69	5 75	0.06	0 28
2,800.00	0.93	44.22	2,799.92	11 75	6.81	0 50	0 14
2,900.00	1 31	22.93	2,899.90	13 39	7 82	0 63	0.56
3,000.00	1.71	2.63	2,999.87	15.93	8 34	-0.11	0 66
3,100.00	1.62	5.03	3,099.83	18.83	8 53	-1 30	0 11
3,200.00	1.64	0 05	3,199.79	21.67	8 66	-2.53	0.14
3,300.00	1 60	357 85	3,299.75	24 49	8.60	-3.90	0 07
3,400.00	1 36	1.92	3,399.71	27 08	8.59	-5.12	0 26
3,500.00	1 40	16.30	3,499.69	29 43	8 97	-5.89	0 35
3,600.00	1 39	66.57	3,599.66	31.09	10 43	-5.38	1 18
3,700.00	1 57	67 78	3,699.63	32 09	12 81	-3.75	0 18
3,800.00	1 24	80 10	3,799.60	32 79	15 14	-2.02	0 45
3,900.00	0.85	72 09	3,899.58	33.21	16 92	-0.65	0 42
4,000.00	0 58	58 58	3,999.57	33 70	18 05	0 13	0 32
4,100.00	0 46	57.98	4,099.57	34 18	18 83	0 58	0 12
4,200.00	0 17	26.15	4,199.57	34.52	19 23	0 78	0 33
4,300.00	0 27	35 17	4,299.56	34 85	19 43	0.81	0 11
4,400.00	0 13	28.35	4,399.56	35 14	19 62	0 84	0 14
4,500.00	0 21	28.00	4,499.56	35 40	19 76	0 84	0 08
4,600.00	0 42	352 60	4,599.56	35 93	19 80	0 62	0 28
4,700.00	0 47	17 05	4,699.56	36 68	19 87	0 33	0 19
4,800.00	0 59	0 75	4,799.55	37 59	20 00	0 02	0 19
4,900.00	0 46	14 46	4,899.55	38 49	20 11	-0 31	0 18
5,000.00	0 61	13 23	4,999.55	39 40	20 33	-0 54	0 15
5,100.00	0 53	53 11	5,099.54	40 20	20 82	-0 48	0 40
5,200.00	0 82	73 49	5,199.53	40.68	21 88	0 23	0 37
5,300.00	0 80	74 80	5,299.52	41 06	23 24	1 25	0 03
5,400.00	0 90	78 41	5,399.51	41 40	24 68	2 36	0 11

WHS

Pathfinder Survey Report

Company: Armstrong Energy Corporation
Project: Chaves County
Site: S19 T13S R29E
Well: Nitschke Fed #1
Wellbore: Original Hole
Design: Plan #4

Local Co-ordinate Reference: Site S19 T13S R29E
TVD Reference: Estimated RKB @ 3647.00ft
MD Reference: Estimated RKB @ 3647.00ft
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.16 Single User Db

Planned Survey

MD (ft)	Inc (°)	Azi (°)	TVD (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	DLeg (°/100ft)
5,500.00	1.49	86.43	5,499.49	41.64	26.75	4.08	0.61
5,600.00	1.64	101.37	5,599.45	41.44	29.45	6.55	0.43
5,700.00	1.69	98.73	5,699.41	40.94	32.31	9.32	0.09
5,800.00	1.68	95.81	5,799.37	40.56	35.23	12.07	0.09
5,900.00	1.20	100.19	5,899.34	40.23	37.71	14.42	0.49
6,000.00	0.97	106.71	5,999.32	39.80	39.56	16.25	0.26
6,100.00	1.14	102.05	6,099.30	39.35	41.34	18.04	0.19
6,200.00	1.29	89.47	6,199.28	39.15	43.44	19.98	0.31
6,300.00	1.47	77.81	6,299.25	39.43	45.82	21.95	0.33
6,400.00	1.53	79.47	6,399.22	39.95	48.38	23.97	0.07
6,500.00	1.42	71.79	6,499.18	40.58	50.87	25.88	0.23
6,600.00	0.88	79.67	6,599.16	41.10	52.81	27.34	0.56
6,700.00	0.88	72.62	6,699.15	41.47	54.29	28.48	0.11
6,800.00	0.94	79.35	6,799.14	41.85	55.83	29.66	0.12
6,900.00	0.76	72.11	6,899.13	42.21	57.27	30.76	0.21
7,000.00	0.57	76.17	6,999.12	42.53	58.38	31.59	0.20
7,100.00	0.47	94.63	7,099.12	42.62	59.28	32.34	0.19
7,125.00	0.47	94.63	7,124.12	42.60	59.48	32.53	0.00
7,200.00	2.63	128.22	7,199.09	41.51	61.14	34.50	3.00
7,300.00	5.62	131.76	7,298.82	36.83	66.59	41.51	3.00
7,361.27	7.45	132.53	7,359.68	32.15	71.75	48.27	3.00
7,400.00	7.45	132.53	7,398.09	28.75	75.46	53.14	0.00
7,500.00	7.45	132.53	7,497.24	19.99	85.02	65.69	0.00
7,600.00	7.45	132.53	7,596.40	11.22	94.58	78.25	0.00
7,700.00	7.45	132.53	7,695.55	2.45	104.14	90.80	0.00
7,800.00	7.45	132.53	7,794.71	-6.32	113.70	103.36	0.00
7,900.00	7.45	132.53	7,893.86	-15.08	123.25	115.92	0.00
8,000.00	7.45	132.53	7,993.02	-23.85	132.81	128.47	0.00
8,100.00	7.45	132.53	8,092.17	-32.62	142.37	141.03	0.00
8,200.00	7.45	132.53	8,191.33	-41.39	151.93	153.59	0.00
8,300.00	7.45	132.53	8,290.48	-50.15	161.49	166.14	0.00
8,400.00	7.45	132.53	8,389.64	-58.92	171.05	178.70	0.00
8,500.00	7.45	132.53	8,488.79	-67.69	180.61	191.25	0.00
8,600.00	7.45	132.53	8,587.95	-76.46	190.17	203.81	0.00
8,700.00	7.45	132.53	8,687.10	-85.23	199.73	216.37	0.00
8,800.00	7.45	132.53	8,786.26	-93.99	209.29	228.92	0.00
8,900.00	7.45	132.53	8,885.41	-102.76	218.85	241.48	0.00
9,000.00	7.45	132.53	8,984.57	-111.53	228.41	254.04	0.00
9,100.00	7.45	132.53	9,083.73	-120.30	237.97	266.59	0.00
9,200.00	7.45	132.53	9,182.88	-129.06	247.53	279.15	0.00
9,267.69	7.45	132.53	9,250.00	-135.00	254.00	287.65	0.00

WHS
Pathfinder Survey Report

Company: Armstrong Energy Corporation
Project: Chaves County
Site: S19 T13S R29E
Well: Nitschke Fed #1
Wellbore: Original Hole
Design: Plan #4

Local Co-ordinate Reference: Site S19 T13S R29E
TVD Reference: Estimated RKB @ 3647.00ft
MD Reference: Estimated RKB @ 3647.00ft
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.16 Single User Db

Targets

Target Name									
hit/miss target	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
Shape	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(ft)		
PBHL	0.00	0.00	9,250.00	-135.00	254.00	793,277.000	580,504.000	33° 10' 49.736 N	104° 4' 12.764 W
- plan hits target									
- Point									

Checked By: _____	Approved By: _____	Date: _____
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