

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



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.)		WELL API NO. 30-005-63909
1. Type of Well: Oil Well ☐ Gas Well ☒ Other ☐ APR - 4 2008		5. Indicate Type of Lease STATE ☐ FEE ☒
2. Name of Operator MYCO INDUSTRIES, INC. OCD-ARTESIA		6. State Oil & Gas Lease No.
3. Address of Operator P.O. BOX 840 ARTESIA, NM 88211-0840		7. Lease Name or Unit Agreement Name ALFALFA 32 FEE
4. Well Location Unit Letter <u>I</u> : <u>1880'</u> feet from the <u>SOUTH</u> line and <u>256'</u> feet from the <u>EAST</u> line Section <u>32</u> Township <u>15S</u> Range <u>25E</u> NMPMCHAVES County <u>NEW MEXICO</u>		8. Well Number #2H
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3468'		9. OGRID Number 015445
Pit or Below-grade Tank Application ☐ or Closure ☐		10. Pool name or Wildcat <u>Cottonwood Creek</u> ; WOLFCAMP
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:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

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

OTHER: MOVE LOCATION; SPUD WELL ☒

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.

MOVED LOCATION 50' SOUTH TO ACCOMIDATE CLOSED LOOP SYSTEM (SEE ATTACHED C-102).
INSTALLED CLOSED LOOP SYSTEM.

SEE ATTACHED PATHFINDER HORIZONTAL DRILLING PLAN.

4-2-08 / 4:25 P.M. - GENE LEE NOTIFIED NMOCD OF SPUD WITH JW RIG #4

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 Hannah Palomin TITLE ENGR/LAND TECH DATE 04/03/2008

Type or print name HANNAH PALOMIN
For State Use Only

E-mail address: hannah@mycoinc.com

Telephone No. (575)748-4288

APPROVED BY: _____ TITLE _____ DATE _____

Accepted for record - NMOCD

DISTRICT I
1625 N. FRENCH DR., HOBBS, NM 88240

DISTRICT II
1301 W. GRAND AVENUE, 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 Department

OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

Form C-102
Revised October 12, 2005
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-005-63909	Pool Code 75250	Pool Name Cottonwood Creek; Wolfcamp
Property Code 35995	Property Name ALFALFA 32 FEE	Well Number 2H
OGRID No. 015445	Operator Name MYCO INDUSTRIES, INC.	Elevation 3468'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	32	15-S	25-E		1880	SOUTH	256	EAST	CHAVES

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	32	15-S	25-E		1880	SOUTH	660	WEST	CHAVES

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
320			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

BOTTOM HOLE LOCATION Y=716390.1 N X=457816.8 E	PENETRATION POINT Y=716395.7 N X=461788.6 E	GEODETIC COORDINATES NAD 27 NME SURFACE HOLE LOCATION Y=716396.2 N X=462192.5 E LAT.=32.969384° N LONG.=104.456610° W	OPERATOR CERTIFICATION I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature <u>A. N. Muncy</u> Date <u>3/26/08</u> Printed Name <u>A. N. MUNCY, PELS</u>
PROJECT AREA PRODUCING AREA GRID. AZ. = 269°55'11" HORZ. DIST. = 3972.8' HORZ. DIST. = 404.0'			SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date Surveyed <u>JANUARY 22, 2008</u> Signature & Seal of Professional Surveyor <u>GARY EIDSON</u> Certificate No. <u>GARY EIDSON 12641</u> <u>RONALD J. EIDSON 3239</u>

Myco Industries, Inc.

Alfalfa 32 Fee #2H

Alfalfa 32 Fee #2H

Alfalfa 32 Fee #2H

Original Hole

Plan: Plan #1

Pathfinder Survey Report

25 March, 2008

Myco Industries, Inc.



Azimuths to Grid North
True North: 0.07°
Magnetic North: 8.49°

Magnetic Field
Strength: 49308.8snT
Dip Angle: 60.81°
Date: 3/24/2008
Model: IGRF200510

PATHFINDER ENERGY SERVICES

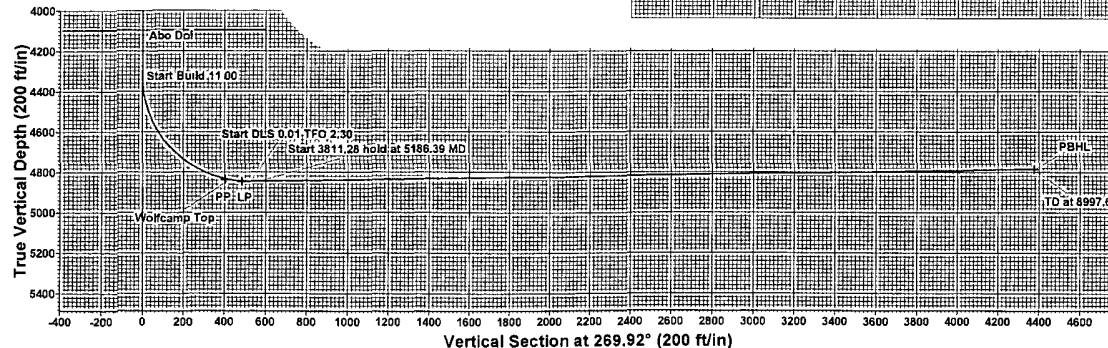
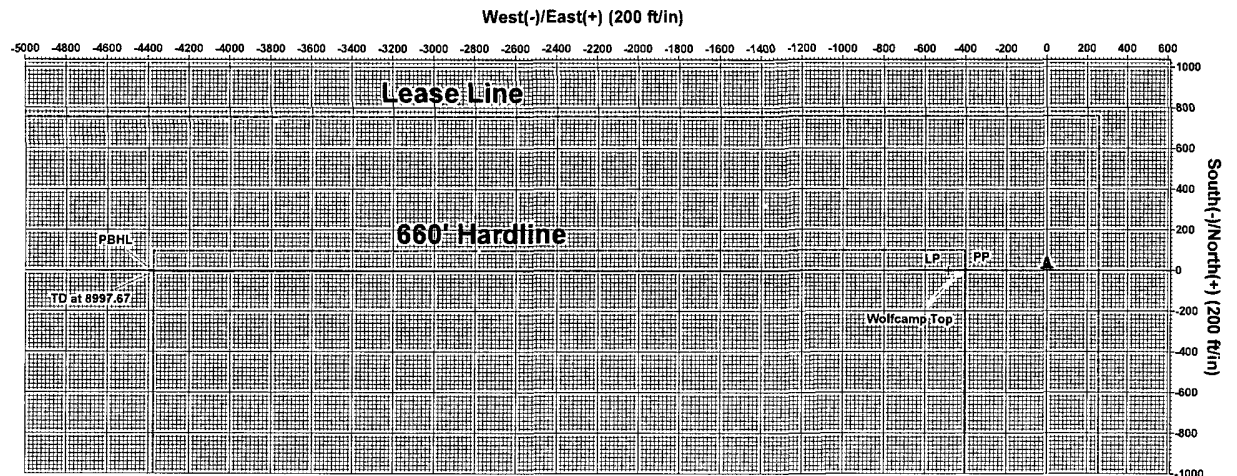
Project: Alfalfa 32 Fee #2H
Site: Alfalfa 32 Fee #2H
Well: Alfalfa 32 Fee #2H
Wellbore: Original Hole
Plan: Plan #1 (Alfalfa 32 Fee #2H/Original Hole)

WELL DETAILS Alfalfa 32 Fee #2H						
Ground Elevation.. 3468.00						
RKB Elevation EST Rkb @ 3485.00ft						
Rig Name						
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	716396.200	462192.500	32° 58' 9.780 N	104° 27' 23.795 W	

SECTION DETAILS									
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	4324.19	0.00	0.00	4324.19	0.00	0.00	0.00	0.00	0.00
3	5150.46	90.89	269.92	4845.00	-0.74	-528.96	11.00	269.92	528.96
4	5185.39	90.89	269.92	4844.44	-0.79	-564.89	0.01	2.30	564.89
5	8997.67	90.89	269.92	4785.00	-6.10	-4375.70	0.00	0.00	4375.70

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)						
Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
PBHL	4785.00	-6.10	-4375.70	716396.100	457815.800	Point
PP	4836.00	-0.50	-403.90	716395.700	461788.600	Point
LP	4845.00	-3.22	-484.99	716392.983	461707.511	Point

FORMATION TOP DETAILS			
TVDPath	MDPath	Formation	
620.00	620.00	San Andres Dol	
880.00	880.00	Artesia Water Sand	
1870.00	1870.00	Glorieta	
3205.00	3205.00	Tubb	
3900.00	3900.00	Abo	
4095.00	4095.00	Abo Dol	



PROJECT DETAILS: Alfalfa 32 Fee #2H
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 #1 (Alfalfa 32 Fee #2H/Original Hole)	
Created By: Mark Freeman	Date: 9 58, March 25 2008
Checked: _____	Date: _____

WHS

Pathfinder Survey Report

Company:	Myco Industries, Inc.	Local Co-ordinate Reference:	Well Alfalfa 32 Fee #2H
Project:	Alfalfa 32 Fee #2H	TVD Reference:	EST Rkb @ 3485.00ft
Site:	Alfalfa 32 Fee #2H	MD Reference:	EST Rkb @ 3485.00ft
Well:	Alfalfa 32 Fee #2H	North Reference:	Grd
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Plan #1	Database:	EDM 2003.16 Single User Db

Project:	Alfalfa 32 Fee #2H		
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:	Alfalfa 32 Fee #2H		
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Site Position:		Northing:	716,396 200 ft	Latitude:	32° 58' 9 780 N
From:	Map	Easting:	462,192.500 ft	Longitude:	104° 27' 23.795 W
Position Uncertainty:	0.00 ft	Slot Radius:	"	Grid Convergence:	-0 07 °

Well:	Alfalfa 32 Fee #2H				
Well Position	+N/-S	0.00 ft	Northing:	716,396 200 ft	Latitude: 32° 58' 9.780 N
	+E/-W	0.00 ft	Easting:	462,192.500 ft	Longitude: 104° 27' 23.795 W
Position Uncertainty	0.00 ft		Wellhead Elevation:	ft	Ground Level: 3,468.00 ft

Wellbore:	Original Hole				
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Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	3/24/2008	8.42	60.81	49,309

Design:	Plan #1				
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Audit Notes:					
Version:		Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)	
	0 00	0 00	0 00	269.92	

Survey Tool Program	Date	3/25/2008			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
0.00	8,997.67	Plan #1 (Original Hole)			

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 00	0.00	100.00	0.00	0.00	0 00	0.00		
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00		
300.00	0 00	0.00	300.00	0.00	0.00	0.00	0.00		
400.00	0.00	0 00	400.00	0.00	0.00	0 00	0.00		
500.00	0.00	0 00	500.00	0.00	0.00	0 00	0.00		
600.00	0 00	0.00	600.00	0 00	0.00	0.00	0.00		
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00		
800.00	0.00	0.00	800.00	0 00	0.00	0 00	0.00		
900.00	0 00	0 00	900.00	0 00	0.00	0 00	0.00		
1,000.00	0.00	0 00	1,000.00	0 00	0.00	0 00	0.00		
1,100.00	0 00	0 00	1,100.00	0.00	0.00	0.00	0.00		

WHS

Pathfinder Survey Report

Company:	Myco Industries, Inc.	Local Co-ordinate Reference:	Well Alfalfa 32 Fee #2H
Project:	Alfalfa 32 Fee #2H	TVD Reference:	EST Rkb @ 3485.00ft
Site:	Alfalfa 32 Fee #2H	MD Reference:	EST Rkb @ 3485 00ft
Well:	Alfalfa 32 Fee #2H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Plan #1	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)	
1,200.00	0 00	0.00	1,200.00	0.00	0.00	0.00	0.00	
1,300.00	0.00	0.00	1,300 00	0.00	0.00	0.00	0 00	
1,400.00	0 00	0.00	1,400 00	0.00	0.00	0 00	0 00	
1,500 00	0.00	0.00	1,500.00	0.00	0.00	0.00	0.00	
1,600.00	0.00	0.00	1,600.00	0.00	0 00	0 00	0.00	
1,700.00	0.00	0.00	1,700.00	0 00	0.00	0.00	0 00	
1,800.00	0.00	0.00	1,800.00	0 00	0.00	0.00	0 00	
1,900.00	0.00	0 00	1,900 00	0.00	0.00	0 00	0.00	
2,000 00	0 00	0 00	2,000 00	0.00	0 00	0.00	0.00	
2,100 00	0 00	0 00	2,100 00	0.00	0 00	0.00	0.00	
2,200 00	0 00	0 00	2,200 00	0.00	0.00	0.00	0.00	
2,300 00	0 00	0 00	2,300 00	0.00	0.00	0.00	0.00	
2,400.00	0 00	0 00	2,400.00	0 00	0.00	0.00	0 00	
2,500 00	0.00	0.00	2,500.00	0.00	0 00	0.00	0.00	
2,600 00	0.00	0.00	2,600.00	0.00	0 00	0.00	0.00	
2,700 00	0.00	0.00	2,700.00	0.00	0.00	0.00	0.00	
2,800.00	0.00	0.00	2,800.00	0.00	0.00	0.00	0.00	
2,900.00	0.00	0.00	2,900.00	0 00	0.00	0.00	0.00	
3,000 00	0 00	0.00	3,000 00	0.00	0.00	0.00	0.00	
3,100.00	0.00	0.00	3,100 00	0 00	0.00	0.00	0.00	
3,200.00	0.00	0.00	3,200 00	0.00	0 00	0.00	0.00	
3,300 00	0.00	0.00	3,300 00	0.00	0.00	0.00	0 00	
3,400 00	0.00	0 00	3,400 00	0.00	0 00	0 00	0.00	
3,500.00	0.00	0 00	3,500 00	0.00	0.00	0 00	0.00	
3,600.00	0.00	0 00	3,600 00	0.00	0.00	0.00	0 00	
3,700.00	0.00	0.00	3,700 00	0.00	0 00	0.00	0.00	
3,800.00	0.00	0.00	3,800.00	0.00	0.00	0.00	0.00	
3,900.00	0 00	0.00	3,900.00	0 00	0.00	0.00	0.00	
4,000.00	0.00	0.00	4,000.00	0 00	0.00	0.00	0.00	
4,100 00	0.00	0.00	4,100.00	0.00	0.00	0.00	0.00	
4,200 00	0.00	0.00	4,200 00	0 00	0.00	0 00	0.00	
4,300 00	0.00	0 00	4,300 00	0.00	0.00	0 00	0.00	
4,324 19	0.00	0 00	4,324 19	0.00	0.00	0 00	0.00	
4,350.00	2.84	269.92	4,349.99	0.00	-0 64	0.64	11.00	
4,400.00	8.34	269.92	4,399 73	-0.01	-5 51	5.51	11.00	
4,450.00	13.84	269.92	4,448 78	-0.02	-15 12	15.12	11.00	
4,500 00	19 34	269.92	4,496.68	-0.04	-29.39	29.39	11.00	
4,550 00	24.84	269.92	4,542.99	-0.07	-48.19	48.19	11.00	
4,600.00	30.34	269.92	4,587 29	-0 10	-71.33	71.33	11.00	
4,650.00	35.84	269.92	4,629.17	-0.14	-98.62	98.62	11.00	
4,700.00	41.34	269.92	4,668.23	-0.18	-129.79	129.79	11.00	
4,750.00	46.84	269 92	4,704.13	-0.23	-164 57	164.57	11.00	
4,800.00	52.34	269 92	4,736 53	-0 28	-202.63	202 63	11 00	
4,850.00	57.84	269.92	4,765.14	-0.34	-243.61	243.61	11.00	

WHS

Pathfinder Survey Report

Company:	Myco Industries, Inc.	Local Co-ordinate Reference:	Well Alfalfa 32 Fee #2H
Project:	Alfalfa 32 Fee #2H	TVD Reference:	EST Rkb @ 3485.00ft
Site:	Alfalfa 32 Fee #2H	MD Reference:	EST Rkb @ 3485.00ft
Well:	Alfalfa 32 Fee #2H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Plan #1	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)	
4,900.00	63.34	269.92	4,789.68	-0.40	-287.15	287.15	11.00	
4,950.00	68.84	269.92	4,809.94	-0.46	-332.84	332.84	11.00	
5,000.00	74.34	269.92	4,825.72	-0.53	-380.26	380.27	11.00	
5,050.00	79.84	269.92	4,836.89	-0.60	-428.98	428.98	11.00	
5,100.00	85.34	269.92	4,843.34	-0.67	-478.55	478.55	11.00	
5,150.46	90.89	269.92	4,845.00	-0.74	-528.96	528.96	11.00	
5,186.39	90.89	269.92	4,844.44	-0.79	-564.89	564.89	0.01	
5,200.00	90.89	269.92	4,844.23	-0.81	-578.49	578.49	0.00	
5,300.00	90.89	269.92	4,842.67	-0.95	-678.48	678.48	0.00	
5,400.00	90.89	269.92	4,841.11	-1.09	-778.47	778.47	0.00	
5,500.00	90.89	269.92	4,839.55	-1.23	-878.46	878.46	0.00	
5,600.00	90.89	269.92	4,837.99	-1.37	-978.44	978.44	0.00	
5,700.00	90.89	269.92	4,836.43	-1.50	-1,078.43	1,078.43	0.00	
5,800.00	90.89	269.92	4,834.87	-1.64	-1,178.42	1,178.42	0.00	
5,900.00	90.89	269.92	4,833.31	-1.78	-1,278.41	1,278.41	0.00	
6,000.00	90.89	269.92	4,831.75	-1.92	-1,378.39	1,378.40	0.00	
6,100.00	90.89	269.92	4,830.19	-2.06	-1,478.38	1,478.38	0.00	
6,200.00	90.89	269.92	4,828.63	-2.20	-1,578.37	1,578.37	0.00	
6,300.00	90.89	269.92	4,827.07	-2.34	-1,678.36	1,678.36	0.00	
6,400.00	90.89	269.92	4,825.51	-2.48	-1,778.34	1,778.35	0.00	
6,500.00	90.89	269.92	4,823.95	-2.62	-1,878.33	1,878.33	0.00	
6,600.00	90.89	269.92	4,822.39	-2.76	-1,978.32	1,978.32	0.00	
6,700.00	90.89	269.92	4,820.83	-2.90	-2,078.31	2,078.31	0.00	
6,800.00	90.89	269.92	4,819.27	-3.04	-2,178.30	2,178.30	0.00	
6,900.00	90.89	269.92	4,817.71	-3.18	-2,278.28	2,278.29	0.00	
7,000.00	90.89	269.92	4,816.15	-3.32	-2,378.27	2,378.27	0.00	
7,100.00	90.89	269.92	4,814.60	-3.46	-2,478.26	2,478.26	0.00	
7,200.00	90.89	269.92	4,813.04	-3.59	-2,578.25	2,578.25	0.00	
7,300.00	90.89	269.92	4,811.48	-3.73	-2,678.23	2,678.24	0.00	
7,400.00	90.89	269.92	4,809.92	-3.87	-2,778.22	2,778.23	0.00	
7,500.00	90.89	269.92	4,808.36	-4.01	-2,878.21	2,878.21	0.00	
7,600.00	90.89	269.92	4,806.80	-4.15	-2,978.20	2,978.20	0.00	
7,700.00	90.89	269.92	4,805.24	-4.29	-3,078.19	3,078.19	0.00	
7,800.00	90.89	269.92	4,803.68	-4.43	-3,178.17	3,178.18	0.00	
7,900.00	90.89	269.92	4,802.12	-4.57	-3,278.16	3,278.16	0.00	
8,000.00	90.89	269.92	4,800.56	-4.71	-3,378.15	3,378.15	0.00	
8,100.00	90.89	269.92	4,799.00	-4.85	-3,478.14	3,478.14	0.00	
8,200.00	90.89	269.92	4,797.44	-4.99	-3,578.12	3,578.13	0.00	
8,300.00	90.89	269.92	4,795.88	-5.13	-3,678.11	3,678.12	0.00	
8,400.00	90.89	269.92	4,794.32	-5.27	-3,778.10	3,778.10	0.00	
8,500.00	90.89	269.92	4,792.76	-5.41	-3,878.09	3,878.09	0.00	
8,600.00	90.89	269.92	4,791.20	-5.55	-3,978.08	3,978.08	0.00	
8,700.00	90.89	269.92	4,789.64	-5.69	-4,078.06	4,078.07	0.00	
8,800.00	90.89	269.92	4,788.08	-5.82	-4,178.05	4,178.05	0.00	

WHS

Pathfinder Survey Report

Company:	Myco Industries, Inc.	Local Co-ordinate Reference:	Well Alfalfa 32 Fee #2H
Project:	Alfalfa 32 Fee #2H	TVD Reference:	EST Rkb @ 3485.00ft
Site:	Alfalfa 32 Fee #2H	MD Reference:	EST Rkb @ 3485.00ft
Well:	Alfalfa 32 Fee #2H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Plan #1	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)	
8,900.00	90.89	269.92	4,786.52	-5.96	-4,278.04	4,278.04	0.00	
8,997.67	90.89	269.92	4,785.00	-6.10	-4,375.70	4,375.70	0.00	

Targets									
Target Name	hit/miss target	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	
Shape		(°)	(°)	(ft)	(ft)	(ft)	(ft)	(ft)	
PP		0.00	360.00	4,836.00	-0.50	-403.90	716,395.700	461,788.600	32° 58' 9.771 N 104° 27' 28.536 W
- plan misses by 4.14ft at 5025.34ft MD (4831.97 TVD, -0.57 N, -404.82 E)									
- Point									
LP		0.00	0.00	4,845.00	-3.22	-484.99	716,392.983	461,707.511	32° 58' 9.743 N 104° 27' 29.487 W
- plan misses by 2.80ft at 5106.50ft MD (4843.83 TVD, -0.68 N, -485.03 E)									
- Point									
PBHL		0.00	0.00	4,785.00	-6.10	-4,375.70	716,390.100	457,816.800	32° 58' 9.666 N 104° 28' 15.157 W
- plan hits target									
- Point									

Formations						
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)	
3,900.00	3,900.00	Abo		0.00		
3,205.00	3,205.00	Tubb		0.00		
1,870.00	1,870.00	Glorieta		0.00		
4,095.00	4,095.00	Abo Dol		0.00		
620.00	620.00	San Andres Dol		0.00		
880.00	880.00	Artesia Water Sand		0.00		

Plan Annotations					
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates			
		+N/-S (ft)	+E/-W (ft)	Comment	
4,324.19	4,324.19	0.00	0.00	Start Build 11.00	
5,045.08	4,836.00	-0.59	-424.14	Wolfcamp Top	
5,150.46	4,845.00	-0.74	-528.96	Start DLS 0.01 TFO 2.30	
5,186.39	4,844.44	-0.79	-564.89	Start 3811.28 hold at 5186.39 MD	
8,997.67	4,785.00	-6.10	-4,375.70	TD at 8997.67	

Checked By: _____	Approved By: _____	Date: _____
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