District I
1625 N. French Dr., Hobbs, NM 88240

District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

## State of New Mexico Energy Minerals and Natural Resources

JAN 1 2 2009 Form C-101 OCD-ARTESIA May 27, 2004

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Submit to appropriate District Office

AMENDED REPORT

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			R PERMI' OperatorNam	e and Addre	KILL, ss	KE-I	ENTE	⊀, DI	<u>cepe</u> l	N, PLUGI 015445	SACK	C, OR	Numbe	DD A ZON er	IE
MYCO IN P.O. BOX	840, AR	ES, INC. TESIA, N	M 88211-084	40						30 - 00	15-	API N	mber	97	
<sup>3</sup> PropertyCode <sup>5</sup> Property				ropertyN	Name			1 30-00		<i>Q</i> /	<sup>6</sup> We	ell No			
		91	STARR Proposed Pool 1	. 34 FEE						10	Proposed	dPool 2	#2H		
COTTON	WOOD C		OLFCAMP								rioposec	ur 001 2			
					<sup>7</sup> Sur	rface!	Locatio	on							
UL or lot no. H	Section 34	Township 15S	Range 24E	Lot I		Feet from	I	North/S NORT	outh line "H	Feet from the 250		East/Wes AST	tline	Count	-
		135		osęd Bott								101		CHITES	
UL or lot no E	Section 34	Township 15S	Range 24E	Lot I	dn	Feet from	m the		outh line	Feet from the		East/Wes /EST	tline	Count CHAVES	
					lditiona			mati							
11 Work N	Type Code		12 Well Type Co		R	13 Cable/	•	į	P		e	356	8'	und Level Elevati	ion
NO 16 M	fultiple	5	<sup>17</sup> Proposed De 5200'	pth	wo	<sup>18</sup> Form				19 Contractor				<sup>20</sup> Spud Date 1/2008	
Depth to Grou	ındwater	100'		Distanc	efrom near		h water wel	1000'		Distance	from nea	arest sur	facewa		
Pit: Liner	: Synthetic		lsthick Clay	Pit Vol	ume:	bbls			ngMethod	1.				<u> </u>	
Close	d-Loop Syst	em 🛛		•			]	Fresh V	Vater X	Brine Die	sel/Ol-ba	sed 🗆	Gas/	Air 🗆	
`		r	2	Propos	sed Cas	sing a	nd Cen	nent l	Progra	m					
Hole S	lize		ing Size		g weight/fo		Setting Depth		Sacks of Cement				С		
12-1/4"		8-5/8"		32# / J-5				400 SXS 1200 SXS					CULATE		
7-7/8"		5-1/2"		17# / N-	<u>su</u>		9250'			1200 575	<u> </u>		CIKC	CULATE	
			DUCTOR PI				CEME			<u> </u>					
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of my knowle constructed an (attached Printed name:	dge and bel according t alternativ HANN LAND	nef I further o NMOCD g e OCD-appr AH PALC MANAGI	MIN() (M) ER	e drilling pi	it will be ermit $\Box$ ,	-	Approve Title:		OIL C	CONSERV JUL.	En To	ONDI Con Claration Da	U	ION 	
E-mail Addre	<sub>ss</sub> · hannah	@mycoine	c.com							-	<u></u>			•	ENTE
Date: 01/1	2/2009		Phone:	(575)749	4200		Conditio	nsof A	oproval A	ttached $\square$					me

#### State of New Mexico

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

Energy/ Minerals and Natural Resources Department

Form C-102 Revised October 12, 2005

Revised October 12, 2005 Submit to Appropriate District Office

State Lease - 4 Copies Fee Lease - 3 Copies

## DISTRICT II

1301 W. GRAND AVENUE, ARTESIA, NM 88210

DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410 OIL CONSERVATION DIVISION 1220 SOUTH ST. FRANCIS DR. Santa Fe, New Mexico 87505

DISTRICT IV WELL LOCATION AND ACREAGE DEDICATION PLAT ☐ AMENDED REPORT 1220 S. ST. FRANCIS DR., SANTA FE, NM 87505 Pool Name Pool Code API Number 30.005.60 100 D C. RIFTEK WILL FCAMP (GA) Well Number Property Code Property Name 35683 STARR 34 FEE 2H OGRID No. Operator Name Elevation MYCO INDUSTRIES, INC. 3568

#### Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Н	34	15-S	24-E		1880	NORTH	250	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
E	34	15-S	24-E		1880	NORTH	660	WEST	CHAVES
Dedicated Acre	s Joint o	r Infill Co	nsolidation	Code Or	der 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

088 BH.	DETAIL  3573.0'  3567.6'  0 0  1400'  3565.1'  3563.6'  GRID. AZ.=269'40'29"  HORZ. DIST.=4373.9'  SEDETAIL  3573.0'  3567.6'  888  SEDETAIL  3573.0'  SEDETAIL  3573.0'  SEDETAIL  3573.0'  SEDETAIL  3573.0'  SEDETAIL  3567.6'	owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.    Manage
BOTTOM HOLE Y=717881.2 N X=436647.8 E	GEODETIC COORDINATES NAD 27 NME SURFACE LOCATION Y=717906.0 N X=441020.6 E  LAT.=32'58'24.41" N LONG.=104'31'32.35" V	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.

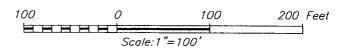
## SECTION 34, TOWNSHIP 15 SOUTH, RANGE 24 EAST, N.M.P.M., CHAVES COUNTY, NEW MEXICO 400' 3573.0' 3567.6' 150' NORTH OFFSET *3570.7*° 150' EAST 150' WEST OFFSET OFFSET STARR 34 FEE #2H 3570.6' 3566.2' 0 ELEV. 3568.4' LAT.=32°58'24.41" N LONG.=104°31'32.35" W 150' SOUTH □ OFFSET 3565.9 3565.1' 3563.6' 400'

#### DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF U.S. HWY. #285 AND ST. HWY. #438. GO WEST ON ST. HWY. #438 APPROX. 5.0 MILES. TURN RIGHT AND GO NORTH APPROX. 0.7 MILES. THIS LOCATION IS APPROX. 250' WEST.



PROVIDING SURVEYING SERVICES
SINCE 1946
JOHN WEST SURVEYING COMPANY
412 N. DAL PASO
HOBBS, N.M. 88240
(505) 393-3117

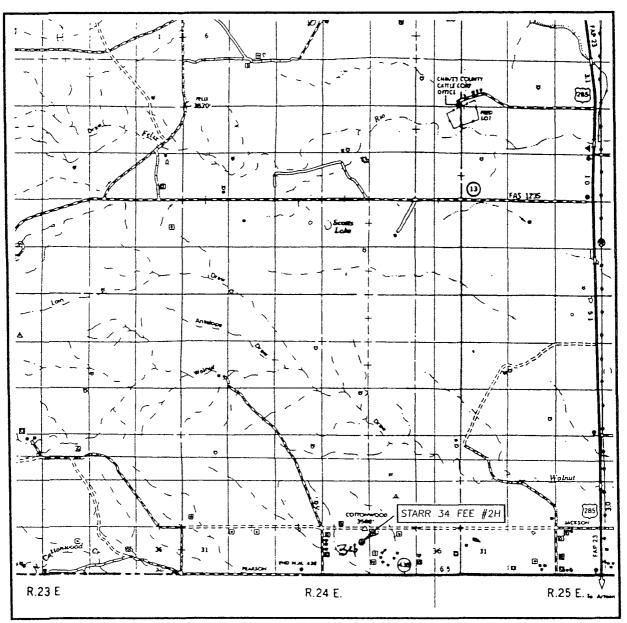


## MYCO INDUSTRIES, INC

STARR 34 FEE #2H WELL
LOCATED 1880 FEET FROM THE NORTH LINE
AND 250 FEET FROM THE EAST LINE OF SECTION 34,
TOWNSHIP 15 SOUTH, RANGE 24 EAST, N.M.P.M.,
CHAVES COUNTY, NEW MEXICO.

Survey Date: 10	0/7/08		Sheet	1	of	1	Sheets
W.O. Number: 08.	11.1695	Dr	By: LA		R	ev 1:	N/A
Date: 10/9/08			0811	1693	5	Scal	e:1"=100'

## VICINITY MAP



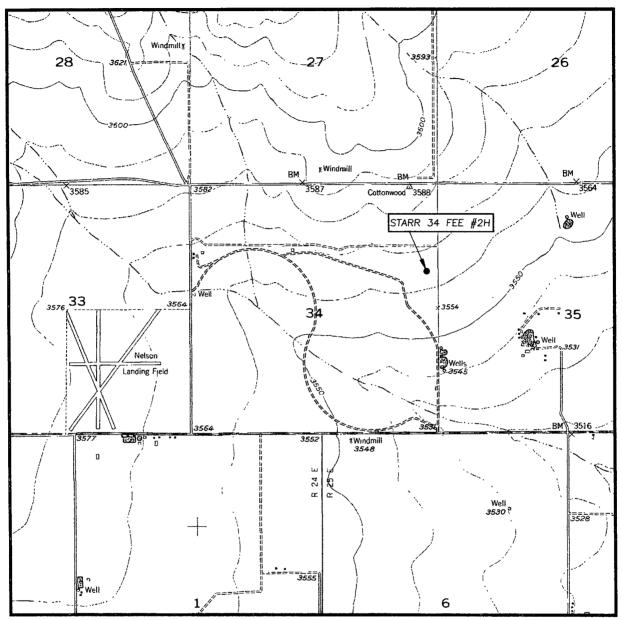
SCALE: 1" = 2 MILES

SEC. 34 TWP. 15-S RGE.	24-E
SURVEY N.M.P.M.	
COUNTY CHAVES STATE NEV	W MEXICO
DESCRIPTION 1880' FNL &	250' FEL
ELEVATION 3568'	
OPERATOR MYCO INDUSTRIE	ES, INC.
LEASE STARR 34 FE	F



PROVIDING SURVEYING SERVICES
SINCE 1946
JOHN WEST SURVEYING COMPANY
412 N. DAL PASO
HOBBS, N.M. 88240
(505) 393-3117

## LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL: HOPE NE, N.M. - 10'

SEC. 34 TWP. 15—S RGE. 24—E

SURVEY N.M.P.M.

COUNTY CHAVES STATE NEW MEXICO

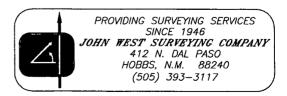
DESCRIPTION 1880' FNL & 250' FEL

ELEVATION 3568'

OPERATOR MYCO INDUSTRIES, INC.

LEASE STARR 34 FEE

U.S.G.S. TOPOGRAPHIC MAP
HOPE NE, N.M.



## MYCO INDUSTRIES, INC.

Well Name: Starr 34 Fee #2H

Location:

SL 1880' FNL & 250' FEL, Section 34, T-15-S, R-24-E, Chaves Co, NM

BHL 1880' FNL & 660' FWL, Section 34, T-15-S, R-24-E, Chaves Co, NM

## Casing Program:

Casing	Setting	Hole	Casing	Casing	Casing	Desired
	Depth	Size	Size	Weight	Grade	TOC
Surface	950'	12-1/4"	8-5/8"	32#	J-55	Surface
Production	9250'	7-7/8"	5-1/2"	17#	N-80	Surface

## Cement Program:

Depth	No. Sacks	Slurries:
950'	150	Lead: Premium Plus + 2% CaCl <sub>2</sub> + 3% Econolite + ½ pps Flocele
	250	Tail: Premium Plus + 2% CaCl <sub>2</sub> + ½ pps Flocele
9250'	500	Lead: Interfill C + ¼ pps Flocele
	700	Tail: Premium Cement + 100% Acid Soluable Additive + 0.6%
		Halad®-344 + 0.8% Econolite + 0.2% HR-55

#### **Mud Program:**

Depth	Type	Weight (ppg)	Viscosity	Water Loss
0-950'	Fresh-Gel	8.6-8.8	28-34	N/c
950-4400'	Cut Brine	8.8-9.2	28-34	N/c
4400-5200'	Cut Brine	8.8-9.2	28-34	10-15
4468-9250'	Polymer (Lateral)	9.0-9.4	40-45	10-20



# MYCO INDUSTRIES, INC. OIL PRODUCERS

POST OFFICE BOX 840 ARTESIA, NEW MEXICO 88211-0840 Phone (505) 748-1471

October 29, 2008

New Mexico Oil Conservation Division 1301 W. Grand Artesia, New Mexico 88210

Re:

Myco Industries, Inc. Starr 34 Fee #2H H2S Contingency Plan

Ladies and Gentlemen:

Sources at Myco Industries, Inc. have relayed information to me that they believe there will not be enough H2S found from the surface through the Wolfcamp Formation to meet the OCD's minimum requirements for the submission of a contingency plan per Rule 118.

Please note that I have enclosed our Contingency Plan for this well based on a remote chance that Rule 118 might become applicable.

Thank you,

MYCO INDUSTRIES, INC.

A.N. Muncy, PELS

Operations/Engineering Manager

ANM:hp Enclosure

# Myco Industries, Inc.

423 W. Main Street Artesia, NM 88210

# Hydrogen Sulfide (H<sub>2</sub>S) Contingency Plan

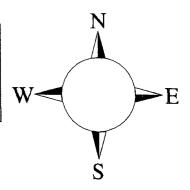
For

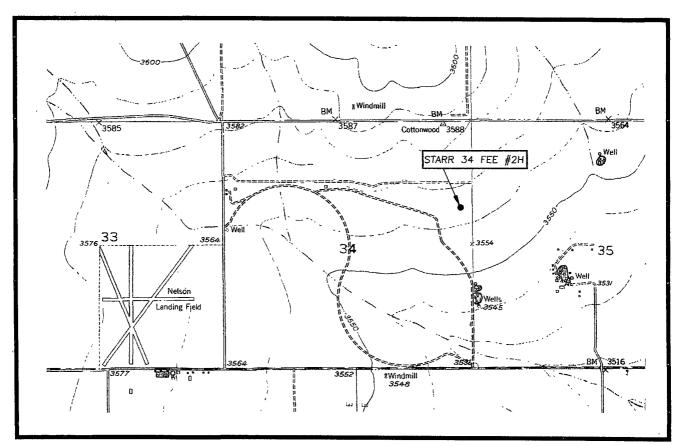
Starr 34 Fee #2H

1880' FNL & 250' FEL (Surface) 1889' FNL & 660' FWL (Bottom-Hole) Sec-34, T-15S, R-24E Chaves County NM

## Starr 34 Fee #2H Location

This is an open drilling site.  $H_2S$  monitoring equipment and emergency response equipment will be used within 500' of zones known to contain  $H_2S$ , including warning signs, wind indicators and  $H_2S$  monitor.





Assumed 100 ppm ROE =  $3000^{\circ}$  100 ppm H2S concentration shall trigger activation of this plan-

#### **Emergency Procedures**

In the case of a release of gas containing H<sub>2</sub>S, the first responder(s) must isolate the area and prevent entry by other persons into the 100 ppm ROE. Additionally the first responder(s) must evacuate any public places encompassed by the 100 ppm ROE. First responder(s) must take care not to injure themselves during this operation. Company and/or local officials must be contacted to aid in this operation. Evacuation of the public should be beyond the 100 ppm ROE.

All responders must have training in the detection of H<sub>2</sub>S, measures for protection against the gas, equipment used for protection and emergency response. Additionally, responders must be equipped with H<sub>2</sub>S monitors and air packs in order to control the release. Use the "buddy system' to ensure no injuries during the response.

#### **Ignition of Gas Source**

Should control of the well be considered lost and ignition considered, take care to protect against exposure to Sulfur Dioxide (SO<sub>2</sub>). Intentional ignition must be coordinated with the NMOCD and local officials. Additionally the NM State Police may become involved. NM State Police shall be the Incident Command on scene of any major release. Take care to protect downwind whenever there is an ignition of the gas

#### Characteristics of H<sub>2</sub>S and SO<sub>2</sub>

Common Name	Chemical Formula	Specific Gravity	Threshold Limit	Hazardous Limit	Lethal Concentr- ation
Hydrogen Sulfide	H <sub>2</sub> S	1.189 Air = 1	10 ppm	100 ppm/hr	600 ppm
Sulfur Dioxide	SO <sub>2</sub>	2.21 Air = 1	2 ppm	N/A	1000 ppm

#### **Contacting Authorities**

Myco personnel must liaison with local and state agencies to ensure a proper response to a major release. Additionally, the OCD must be notified of the release as soon as possible but no later than 4 hours. Agencies will ask for information such as type and volume of release, wind direction, location of release, etc. Be prepared with all information available. The following call list of essential and potential responders has been prepared for use during a release. Myco Company response must be in coordination with the State of New Mexico's 'Hazardous Materials Emergency Response Plan' (HMER)

# Myco Industries, Inc. Phone Numbers

Myco Office	(575) 748-4280
Nelson Muncy/Operations Engineering Manager	(575) 748-4289
	(575) 308-3502
Carlos Guerrero/Field Supervisor	
	(575) 513-2492
Artesia Answering Service	
(During non-office hours)	, ,
Agency Call List	
Eddy County (505)	
Artesia	
State Police	746-2703
City Police	746-2703
Sheriff's Office	
Ambulance	911
Fire Department	746-2701
LEPC (Local Emergency Planning Committee)	
NMOCD	
Carlsbad	
State Police	885 2127
City Police	
Sheriff's Office	
Ambulance	
Fire Department	
LEPC (Local Emergency Planning Committee)	
• • • • • • • • • • • • • • • • • • • •	
US Bureau of Land Management	887-0344
New Mexico Emergency Response Commission (Santa Fe)	(505)476-9600
24 HR	• •
New Mexico State Emergency Operations Center	
National Emergency Response Center (Washington, DC)	
Other	
Boots & Coots IWC	
Flight For Life -4000 24th St, Lubbock, TX	806) 747-8923 505) 842-4433

#### District I 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV

#### JAN 12 2009 State of New Mexico Energy Minerals and Natural Resources OCD-ARTESIA

Form C-101 May 27, 2004

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505

Submit to appropriate District Office

☐ AMENDED REPORT 1220 S. St. Francis Dr., Santa Fe, NM 87505 <u>APPLICATIONFOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE</u> Operator Name and Address OGRID Number 015445 MYCO INDUSTRIES, INC API Number P.O. BOX 840, ARTESIA, NM 88211-0840 30 -<sup>5</sup> PropertyName 6 Well No. <sup>3</sup> PropertyCode STARR 34 FEE #2H ProposedPool 1 10 ProposedPool 2 COTTONWOOD CREEK: WOLFCAMP Surface Location UL or lot no Section Township Range Lot Idn Feet from the North/South line Feet from the East/Westline County 34 **15S** 24E 1880 NORTH H 250 **EAST CHAVES** <sup>8</sup> Proposed 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/Westline County 34 24E 1880 **NORTH** WEST 15S 660 CHAVES E Additional Well Information 12 Well Type Code 13 Cable/Rotary 11 Work Type Code 14 Lease Type Code 15 Ground Level Elevation R N 3568 16 Multiple 17 Proposed Depth 18 Formation 19 Contractor 20 Spud Date WOLFCAMP NO 5200' 12/01/2008 Depth to Groundwater Distance from nearest fresh water well Distance from nearest surfacewater > 1000' > 1000' 100' Liner: Synthetic milsthick Clay Pit Volume: DrillingMethod: Pit: hbls Fresh Water X Brine Diesel/OI-based Gas/Air Closed-Loop System X <sup>21</sup> Proposed Casing and Cement Program Casing Size Casing weight/foot Setting Depth Sacks of Cement Hole Size Estimated TOC 12-1/4" 8-5/8" 32# / J-55 950' 400 SXS **CIRCULATE** 5-1/2" 17# / N-80 9250' 1200 SXS CIRCULATE 7-7/8" NOTE: SET 40' OF 20' CONDUCTOR PIPE & CIRCULATE | CEMENT <sup>22</sup> Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary. NOTIFY NMOCD OF SPUD AND WITNESS CMT. SURFACE CASING. INSTALL 3000# DOUBLE-RAM B.O.P. AND TEST DAILY. DRILL DOWN AND BUILD CURVE TO DRILL A 3400' LATERAL DUE WEST INTERCEPTING THE BASE OF THE WOLFCAMP AT 1880' FNL & 660' FEL PER NMOCD RULE #111. ATTACHED: PERMIT INFORMATION, C-102, H2S CONTINGENCY PLAN AND FORM C-144 CLEZ. \*NOTE: DETAILED WELL SURVEY PROFILE TO FOLLOW. <sup>23</sup> I hereby certify that the information given above is true and complete to the best OIL CONSERVATION DIVISION of my knowledge and belief I further certify that the drilling pit will be constructed according to NMOCD guidelines  $\square$ , a general permit  $\square$ , or Approved by: an (attached) alternative OCD-approved plan . Printed name: HANNAH PALOMIN Title: LAND MANAGER Title: Approval Date: Expiration Date: E-mail Address: hannah@mycoinc.com

Conditions of Approval Attached

Phone:

(575)748-4290

Date:

01/12/2009

#### State of New Mexico

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

Energy, Minerals and Natural Resources Department

DISTRICT II
1301 W. GRAND AVENUE, ARTESIA, NM 88210

DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410 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

DICTRICT IV

DISTRICT IV 1220 S. ST. FRANCIS DR., SANTA FE, NM 87505	WELL LOCATION AND	ACREAGE DEDICATION	PLAT	□ AMENDED REPORT
API Number	Pool Code		Pool Name	
Property Code		Property Name		
	STAR		2H	
OGRID No.	Operator Name			Elevation
	MYCO INI		3568'	

#### Surface Location

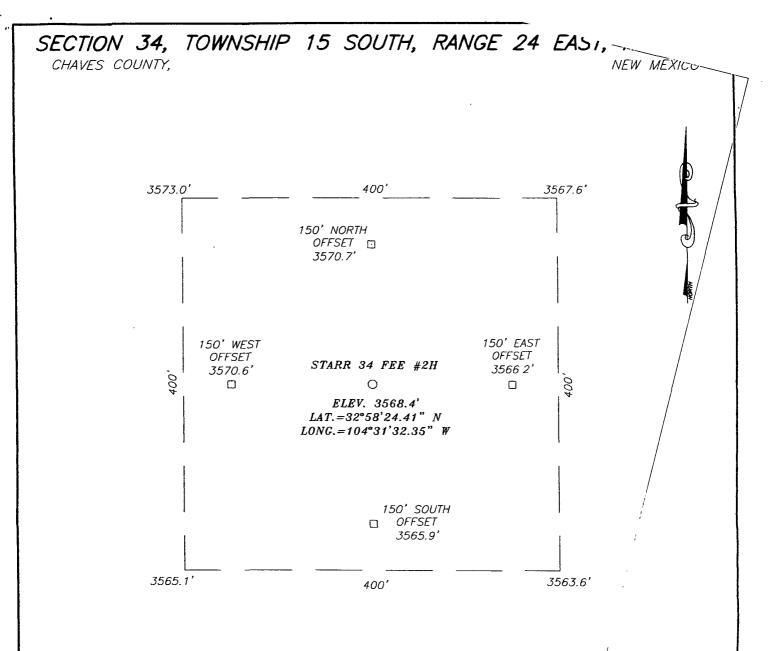
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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#### Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot idn	Feet from the	North/South line	Feet from the	East/West line	County
E	34	15-S	24-E		1880	NORTH	660	WEST	CHAVES
Dedicated Acres   Joint or Infill   Consolidation Code			Code Or	der No.			,		
		1		ļ					

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OD A NON-STANDADD UNIT HAS DEEN ADDROVED BY THE DIVISION

0	R A NON-SIANDARD UNII HAS BEEN A	APPROVED BY THE	DIVISION
1880′	DETAIL  3573.0' 3567.6'  0 0   1400' 3565.1' 3563.6'	1880′	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.
660'————————	GRID. AZ.=269*40'29" HORZ. DIST.=4373.9'	S.L. 250 SEE DETAIL	Signature Pels  ANMUNIA 10/28/88  Printed Name  SURVEYOR CERTIFICATION
BOTTOM HOLE Y=717881.2 N X=436647.8 E	NAL SURFA Y=7 X=4 LAT.=3.	C COORDINATES D 27 NME CE LOCATION 17906.0 N 141020.6 E 2*58'24.41" N 04*31'32.35" W	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  Signature & Seal of Surveyor  Professional Surveyor  Certificate No. GARY EIDSON RONALD EIDSON 3239

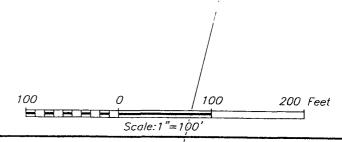


#### DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF U.S. HWY. #285 AND ST. HWY. #438. GO WEST ON ST. HWY. #438 APPROX. 5.0 MILES. TURN RIGHT AND GO NORTH APPROX. 0.7 MILES. THIS LOCATION IS APPROX. 250' WEST.



PROVIDING SURVEYING SERVICES
SINCE 1946
JOHN WEST SURVEYING COMPANY
412 N. DAL PASO
HOBBS, N.M. 88240
(505) 393-3117



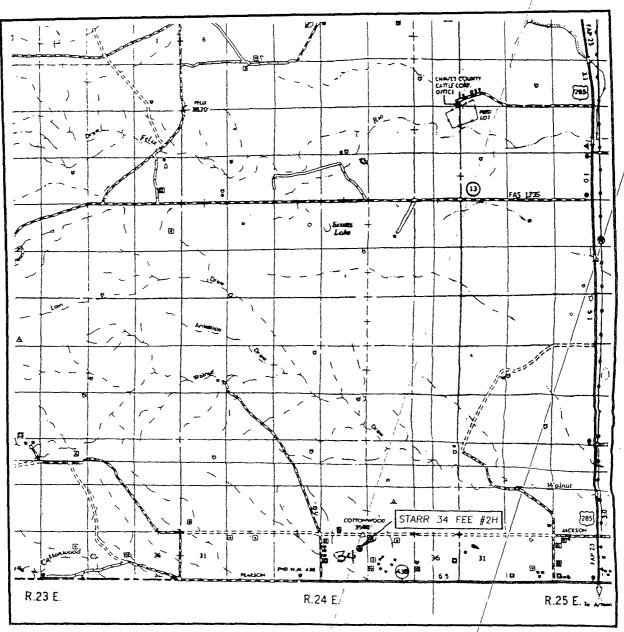
## MYCO INDUSTRIES, INC.

STARR 34 FEE #2H WELL
LOCATED 1880 FEET FROM THE NORTH LINE
AND 250 FEET FROM THE EAST LINE OF SECTION 34,
TOWNSHIP 15 SOUTH, RANGE 24 EAST, N.M.P.M.,
CHAVES COUNTY, NEW MEXICO.

Súrvey Date: 10,	/7/08	Sheet	1 (	of	1	Sheets
W.O. Number: 08.1	11.1695 Dr	By: LA		R	ev 1:	N/A
Date: 10/9/08	7	081	11695		Scale	e:1"=100'

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VICINITY MAP



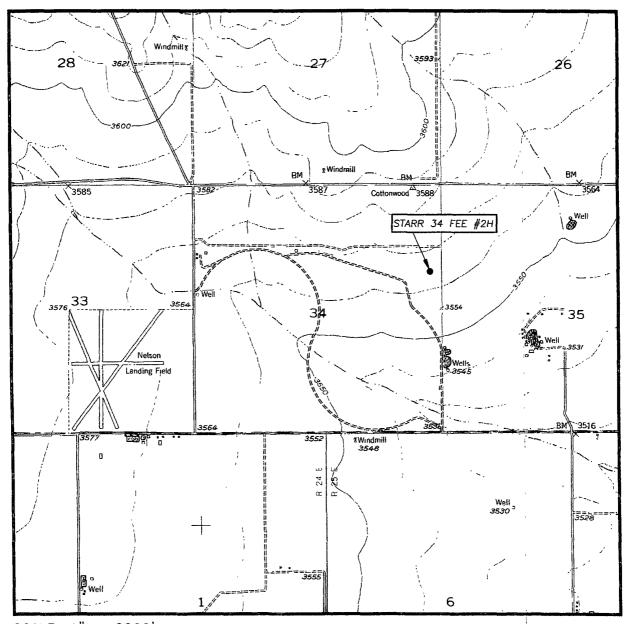
1				
SCALÉ:	1 "	=	2	MILES

SEC. <u>34</u>	TWP. 13-3 RGE. 24-E						
SURVEY	YEYN.M.P.M.						
COUNTY_C	HAVES STATE NEW MEXICO						
DESCRIPTIO	N 1880' FNL & 250' FEL						
ELEVATION_	3568'						
OPERATOR_	MYCO INDUSTRIES, INC.						
IFASE	STARR 34 FFF						



PROVIDING SURVEYING SERVICES
SINCE 1946
JOHN WEST SURVEYING COMPANY
412 N. DAL PASO
HOBBS, N.M. 88240
(505) 393-3117

## LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL: HOPE NE, N.M. - 10'

SEC. 34 TWP. 15-S RGE. 24-E
SURVEY N.M.P.M.
COUNTY CHAVES STATE NEW MEXICO
DESCRIPTION 1880' FNL & 250' FEL
ELEVATION3568'
OPERATOR MYCO INDUSTRIES, INC.
LEASE STARR 34 FEE
U.S.G.S. TOPOGRAPHIC MAP HOPE NE, N.M.



PROVIDING SURVEYING SERVICES
SINCE 1946
JOHN WEST SURVEYING COMPANY
412 N. DAL PASO
HOBBS, N.M. 88240
(505) 393-3117

## MYCO INDUSTRIES, INC.

Well Name: Starr 34 Fee #2H

Location:

SL BHL 1880' FNL & 250' FEL, Section 34, T-15-S, R-24-E, Chaves Co, NM

1880' FNL & 660' FWL, Section 34, T-15-S, R-24-E, Chaves Co, NM

## Casing Program:

Casing	Setting	Hole	Casing	Casing	Casing	Desired
	Depth	Size	Size	Weight	Grade	TOC
Surface	950'	12-1/4"	8-5/8"	32#	J-55	Surface
Production	9250'	7-7/8"	5-1/2"	17#	N-80	Surface

## Cement Program:

Depth	No. Sacks	Slurries:
950'	150	Lead: Premium Plus + 2% CaCl <sub>2</sub> + 3% Econolite + <sup>1</sup> / <sub>4</sub> pps Flocele
	250	Tail: Premium Plus + 2% CaCl <sub>2</sub> + ¼ pps Flocele
9250'	500	Lead: Interfill C + ¼ pps Flocele
	700	Tail: Premium Cement + 100% Acid Soluable Additive + 0.6%
		Halad®-344 + 0.8% Econolite + 0.2% HR-55

## Mud Program:

Depth	Type	Weight (ppg)	Viscosity	Water Loss
0-950'	Fresh-Gel	8.6-8.8	28-34	N/c
950-4400'	Cut Brine	8.8-9.2	28-34	N/c
4400-5200'	Cut Brine	8.8-9.2	28-34	10-15
4468-9250'	Polymer (Lateral)	9.0-9.4	40-45	10-20



#### MYCO INDUSTRIES, INC.

#### **OIL PRODUCERS**

POST OFFICE BOX 840 ARTESIA, NEW MEXICO 88211-0840 Phone (505) 748-1471

October 29, 2008

New Mexico Oil Conservation Division 1301 W. Grand Artesia, New Mexico 88210

Re:

Myco Industries, Inc. Starr 34 Fee #2H

H2S Contingency Plan

#### Ladies and Gentlemen:

Sources at Myco Industries, Inc. have relayed information to me that they believe there will not be enough H2S found from the surface through the Wolfcamp Formation to meet the OCD's minimum requirements for the submission of a contingency plan per Rule 118.

Please note that I have enclosed our Contingency Plan for this well based on a remote chance that Rule 118 might become applicable.

Thank you,

MYCO INDUSTRIES, INC.

A.N. Muncy, PELS

Operations/Engineering Manager

ANM:hp Enclosure

# Myco Industries, Inc.

423 W. Main Street Artesia, NM 88210

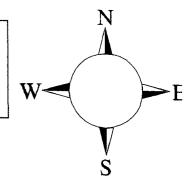
# Hydrogen Sulfide (H<sub>2</sub>S) Contingency Plan

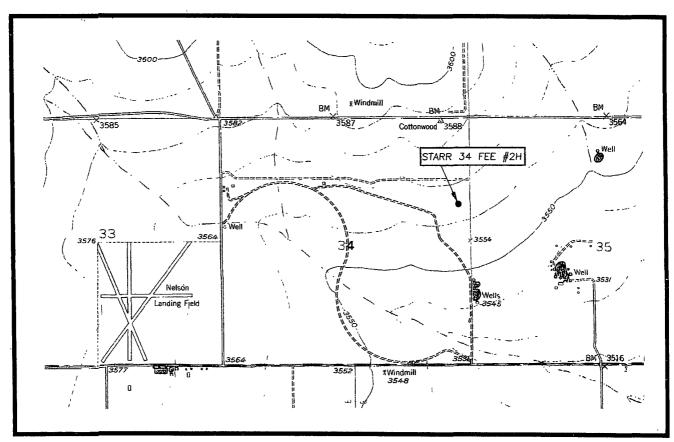
For

Starr 34 Fee #2H 1880' FNL & 250' FEL (Surface) 1889' FNL & 660' FWL (Bottom-Hole) Sec-34, T-15S, R-24E Chaves County NM

## Starr 34 Fee #2H Location

This is an open drilling site.  $H_2S$  monitoring equipment and emergency response equipment will be used within 500' of zones known to contain  $H_2S$ , including warning signs, wind indicators and  $H_2S$  monitor.





Assumed the paper ROE = 2011.
The paper HES correspondent of the plant

#### **Emergency Procedures**

In the case of a release of gas containing H<sub>2</sub>S, the first responder(s) must isolate the area and prevent entry by other persons into the 100 ppm ROE. Additionally the first responder(s) must evacuate any public places encompassed by the 100 ppm ROE. First responder(s) must take care not to injure themselves during this operation. Company and/or local officials must be contacted to aid in this operation. Evacuation of the public should be beyond the 100 ppm ROE.

All responders must have training in the detection of H<sub>2</sub>S, measures for protection against the gas, equipment used for protection and emergency response. Additionally, responders must be equipped with H<sub>2</sub>S monitors and air packs in order to control the release. Use the "buddy system' to ensure no injuries during the response.

#### **Ignition of Gas Source**

Should control of the well be considered lost and ignition considered, take care to protect against exposure to Sulfur Dioxide (SO<sub>2</sub>). Intentional ignition must be coordinated with the NMOCD and local officials. Additionally the NM State Police may become involved. NM State Police shall be the Incident Command on scene of any major release. Take care to protect downwind whenever there is an ignition of the gas

#### Characteristics of H<sub>2</sub>S and SO<sub>2</sub>

Common Name	Chemical Formula	Specific Gravity	Threshold Limit	Hazardous Limit	Lethal Concentr- ation
Hydrogen Sulfide	H <sub>2</sub> S	1.189 Air = 1	10 ppm	100 ppm/hr	600 ppm
Sulfur Dioxide	SO <sub>2</sub>	2.21 Air = 1	2 ppm	N/A	1000 ppm

#### **Contacting Authorities**

Myco personnel must liaison with local and state agencies to ensure a proper response to a major release. Additionally, the OCD must be notified of the release as soon as possible but no later than 4 hours. Agencies will ask for information such as type and volume of release, wind direction, location of release, etc. Be prepared with all information available. The following call list of essential and potential responders has been prepared for use during a release. Myco Company response must be in coordination with the State of New Mexico's 'Hazardous Materials Emergency Response Plan' (HMER)

## Myco Industries, Inc. Phone Numbers

Myco Office	(575) 748-4280
Nelson Muncy/Operations Engineering Manager	
	(575) 308-3502
Carlos Guerrero/Field Supervisor	(575) 746-7318
-	(575) 513-2492
Artesia Answering Service	(575) 748-4302
Agency Call List	
Eddy County (505)	
Artesia	
State Police	746-2703
City Police	746-2703
Sheriff's Office	746-9888
Ambulance	911
Fire Department	746-2701
LEPC (Local Emergency Planning Committee)	746-2122
NMOCD	748-1283
Carlsbad	
State Police	
City Police	
Sheriff's Office	
Ambulance	
Fire Department	
LEPC (Local Emergency Planning Committee)	
US Bureau of Land Management	887-6544
New Mexico Emergency Response Commission (Santa Fe)	` '
24 HR	(505) 827-9126
New Mexico State Emergency Operations Center	(505) 476-9635
National Emergency Response Center (Washington, DC)	(800) 424-8802
Other	
Boots & Coots IWC1-800-256-9688 or (281) 931-8884	
Cudd Pressure Control(915) 699-0139 or (915) 563-3356	,
Halliburton(575) 746-2757	
B. J. Services(575) 746-3569	
THE 1. T. 1.0. 4000 0441 Oct. 1.1. 1. The	006) #40 6011
Flight For Life -4000 24th St, Lubbock, TX	
Aerocare -Rr 3 Box 49f, Lubbock, TX	
Med Flight Air Amb 2301 Yale Blvd SE #D3, Albuq, NM	
S B Air Med Svc 2505 Clark Carr Loop SE, Albuq, NM(	ouo) 842-4949