July 6, 2004

New Mexico Oil Conservation Division OCD District 2 1301 W. Grand Avenue Artesia, NM 88210 Attn: Mr. Tim Gum-District Supervisor

Re: Requested Supplemental Information Pertaining to APD for Douglas Com No. 2



Dear Mr. Gum.

Pursuant to your instructions, we respectfully submit the attached documents providing the additional information necessary to enhance this APD application and facilitate its timely approval.

These attachments include:

Supplemental Information that describes well design, well monitoring and control equipment, and operational procedures that will be in place to assure that well control is maintained at all times. Also included within this document are 1) initiatives we are taking for noise abatement, and 2) schematics that depict the wellbore and BOPE design.

Contingency Plans that demonstrate HEC Petroleum's emergency preparedness and ability to (1) immediately respond to any incident and (2) protect workers, the public and the environment should a significant incident occur.

Also, please note that, on June 11, 2004, our Mr. Jay Ottoson, New Mexico Asset Manager, talked to Mr. John Tulley, Carlsbad City Manager, regarding this prospective new drill and offered to provide whatever information he needed. Mr. Tulley responded that all that he needed was a copy of the drilling permit with the GIS information and a list of our telephone/fax numbers. We will provide this information upon receiving an approved APD.

In addition, our Mr. Jay Waldrop, HES Drilling Coordinator, has been working with Mr. Mike Reynolds-Carlsbad City Fire Chief regarding some of the site-specific plans regarding security and emergency preparedness. Mr. Reynolds was very appreciative of this communication initiative. Mr. Waldrop and Mr. Reynolds have also obtained information involving distances from drilling location to nearest residents, which is included in attachments. It is our understanding that you will be receiving, directly from Mr. Reynolds, the requested contact and special medical and other needs information concerning residents within a ¼ mile radius of the location.

We concur with your concerns, expressed in our recent telephone conversation, with keeping the number of citizen complaints to a minimum and avoiding conflicts that could develop through lack of communication with nearby residents. Therefore, we are currently having internal discussions about providing advanced, pertinent information to these residents regarding activities that will take place during the drilling of this well. We will endeavor to keep you updated on decisions resulting from these discussions.

Thank you for your time and efforts in this matter. Your timely review of this information and approval of the APD will be greatly appreciated, as it will enhance our ability, based on the current location and availability of the rig proposed for this well, to plan this operation in the most economical manner. If you have any questions or need additional information, please contact me at (432) 498-8662 or via e-mail at abohling@pureresources.com.

Clanw Bohling Alan W. Bohling Regulatory Agent

Supplemental Information Operational Procedures

Location Specific

Well:

Douglas Com #2

Section 7 - T22S - R27E

2460' FNL & 300' FEL

(Surface Location)

990' FSL & 990' FEL (BHL)

Eddy County, New Mexico

1. Drilling Contractor: Nabors Drilling USA, Rig #715

2. Wellbore Construction: (Attachment "A" - Wellbore Schematic)

- 2.1. This well will be directionally drilled with the surface and bottom hole locations as listed above. The BHL will be approximately 1830' south and 690' west of the surface location, which will be built adjacent to a producing gas well and will utilize a portion of the existing well pad. The Eddy County Special Services Department has issued Floodplain Pre-Determination Certificate No. 04108 and a Floodplain Use Permit for this site.
- 2.2. 133/8" Surface and 95/8" Intermediate casing strings will be set at 400' and 1800', respectively, to protect freshwater sources in the area. Both casing strings will be cemented to surface and all pipe will be new.
- 2.3. A 7" protective/production casing string (all new pipe) will be set at approximately 9000' the casing point will be at the top of the Wolfcamp zone and cement will be circulated into the annulus between the casing and hole from the shoe to a depth of 1700'. No abnormally pressured formations are known to be present above the Wolfcamp and, in fact, lost circulation is a more likely occurrence. Setting the 7" at this depth cases-off the lost circulation zones and the casing shoe will be in a formation with sufficient integrity to withstand the expected mud weights to 11,700' TVD. Also, should a well control problem arise, this casing string provides the ability to shut-in the well with full containment.
- 2.4. If evaluation of the open hole logs determines that a completion attempt is justified, a 4½" production liner will be set at TD and overlap approximately 200' into the 7" casing. The liner hanger equipment will include a packer and the full length of the liner will be cemented. The liner top will undergo positive and negative differential testing to assure wellbore integrity before operations are suspended awaiting completion.
- 3. Well Control Equipment: (Attachment "B" BOPE Schematic)
 - 3.1. The equipment represented by the attached schematic, a 135/8" 10,000 psi WP stack, will be installed prior to drilling out the 133/8" surface casing shoe and will be the BOPE utilized throughout the remainder of the drilling operations.

- 3.2. The accumulator system controlling BOPE functions will be capable of closing each ram type preventer and the annular preventer within 30 seconds.
- 3.3. Upon installation of the BOPE to the 133/8" casing set at 400', the casing and BOP will be pressure tested to 500 psi, using rig pumps, before drilling the casing shoe. Upper and lower kelly cocks and safety valves with subs to fit all drill string connections in use will be available on the rig floor and will also undergo pressure testing. A Rotating Head will be in-place but the rubber will not be installed until well conditions dictate its use.
- 3.4. Upon installation of the BOPE to the 95/8" intermediate casing set @ 1800', the BOP, HCR valve, choke manifold, upper and lower kelly cocks, and safety valves will be pressure tested by a third party contractor to 3000 psi (high) and 250 psi (low). The annular preventer will be tested to 1500 psi. The third party contractor will also test the accumulator system performance to assure that it is functioning within specifications. The 95/8" casing will be tested, using rig pumps, to 1500 psi prior to drilling the shoe.
- 3.5. The open-ended vent line from the choke manifold will be constructed of 4½" drill pipe and connections will be strap-welded to prevent separation. The mud-gas separator will be installed after setting the surface casing and will be fully operable prior to drilling below the 95/8" intermediate casing. The flare line from the separator will be constructed of 8" flanged pipe and the vent and flare lines will be secured in place with drilled anchors and steel cabling.
- 3.6. Upon installation of the BOPE to the 7" intermediate/production casing set at approximately 9000' (top of Wolfcamp), the BOP, HCR valve, choke manifold, upper and lower kelly cocks and safety valves will be pressure tested by a third party contractor to 5000 psi (high) and 250 psi (low). The annular preventer will be tested to 1500 psi. Prior to drilling the 7" shoe, the casing will be tested to 3500 psi. The third party contractor will also test the accumulator system performance to assure that it is functioning within specifications.
- 3.7. Subsequent pressure testing of the BOPE after setting the 7" casing will be done at two week intervals; test procedures will be the same as those listed in Paragraph 3.6 above.
- 3.8. In addition to the aforementioned testing, functional tests of all equipment will be performed as follows:
 - 3.8.1. Operator's supervisor will conduct daily BOP drills with rig crews; during these drills, the accumulator system, pipe rams, HCR valve and the remote adjustable and manual chokes will be operated to assure proper mechanical functioning. Any problems will be immediately resolved and drilling operations will not proceed until equipment is in proper working order.
 - 3.8.2. The annular preventer will be functionally tested on a weekly basis and the blind rams will be functionally tested after each trip out of the hole during drilling operations.
- 3.9. A wireline lubricator of sufficient length to pull all tools from the hole and allow the well to be safely shut-in will be utilized during open hole logging operations.

Supplemental Information Operational Procedures Douglas Com #2 Page 3 of 4

4. Well Monitoring:

- 4.1. The PVT, Flow Indicator, Pump Stroke Counter and H₂S sensor equipment will be installed and operational prior to spudding the well. The PVT will be utilized when circulation is maintained in the steel pits, which will be the case when prospective hydrocarbon bearing zones are penetrated below the 7" casing depth. Any malfunctioning equipment will be repaired or replaced ASAP.
- 4.2. A Mud Logging Unit will be operational prior to drilling the 95/8" casing shoe at 1800'. The Mud Logger will provide the Operator and Rig supervisors with data regarding formation tops and porosity / permeability of penetrated zones and cuttings analysis, which may forewarn of potential problems. The Mud Logger will record and report relative gas influx ("background gas") into the mud stream while drilling ahead and also "connection gas" and "trip gas". This data will aid supervisors in making decisions regarding mud weight increases.
- 4.3. Trip tanks shall be used each time that trips are made after setting surface casing. Displacement volumes shall be accurately recorded on a *Trip Sheet* and compared to theoretical volumes to timely warn of potential problems due to influx of formation fluids or gas into the wellbore.
- 4.4. When the drill string is out of the hole for open hole logging, a rig crew member will be assigned to visually monitor the mud pits and flow line for indications of influx of formations fluids / gas into the wellbore; the PVT will remain in service and this visual monitoring is an added precaution.

5. Contingency Planning / Safety

- 5.1. An Emergency Response Plan (Attachment "C") and a H₂S Contingency Plan (Attachment "D") will be in place upon commencement of operations. All Operator and Rig personnel will be trained in the plans' objectives and their specific responsibilities should the plans be implemented.
- 5.2. A contracted safety professional will be on location at all times during the drilling operation to help monitor conditions, facilitate training, maintain H₂S monitoring equipment and aid in site security.
- 5.3. Safety meetings will be held on a regular basis and prior to any non-routine activities or prior to a significant operation, such as running casing, nippling-up BOPE, open hole logging, etc.
- 5.4. Local law enforcement and emergency response personnel will be apprised of upcoming operations and will be involved in coordinating any emergency response involving the public.

Supplemental Information Operational Procedures Douglas Com #2 Page 4 of 4

6. Name of Nearest Resident:

Jose Navarro 1400 Hill Street Carlsbad, New Mexico

(505) 887-8600

Distance from the wellbore stake to this residence is approximately 342'.

7. Names of Residents within a ¼ mile radius of location:

Per our discussion with Mike Reynolds, Carlsbad City Fire Chief, he will provide this information to the NMOCD.

8. Number of Residents within a 1 mile radius of location:

Per our discussion with Mike Reynolds, Carlsbad City Fire Chief, he will provide this information to the NMOCD.

9. Noise Abatement Initiatives

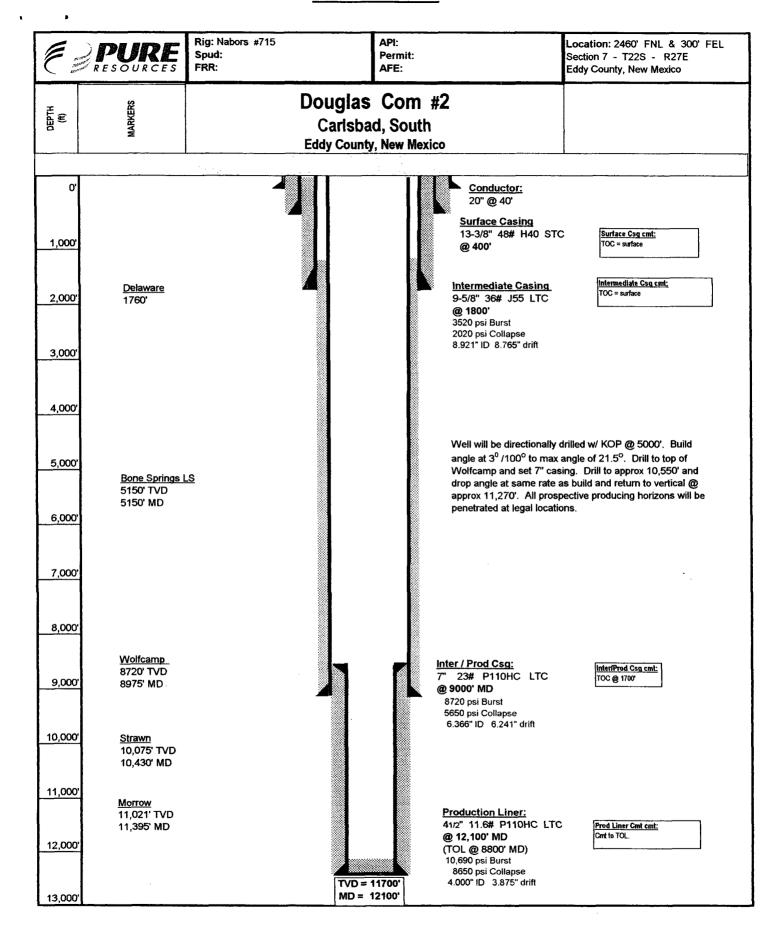
To reduce the noises produced by normal drilling operations and related activities, the following actions will be taken:

- 9.1. A SCR rig will be utilized, which has a minimal amount of engines and is one of the quietest rig types reasonably available.
- 9.2. An attempt will be made to minimize the deliveries of supplies and equipment to the location during nighttime hours.
- 9.3. The location boundary fence will be slatted on the side nearest the homes, which should deflect some of the noise away from the residences.
- 9.4. The primary source of drilling water will be from nearby water wells with delivery to the location through poly pipe. This will significantly reduce the amount of trucking required to service this operation.

In addition to the items listed above, the following action continues to be pursued, which will further reduce sources of noise if successful:

9.5. The local electrical utility has been contacted to determine if it has the capacity to provide power to drive the rig equipment. If power is available from the utility and the necessary electrical devices are available to connect the rig to this source, the operation of the internal combustion engines and their associated noise will be reduced.

ATTACHMENT "A"

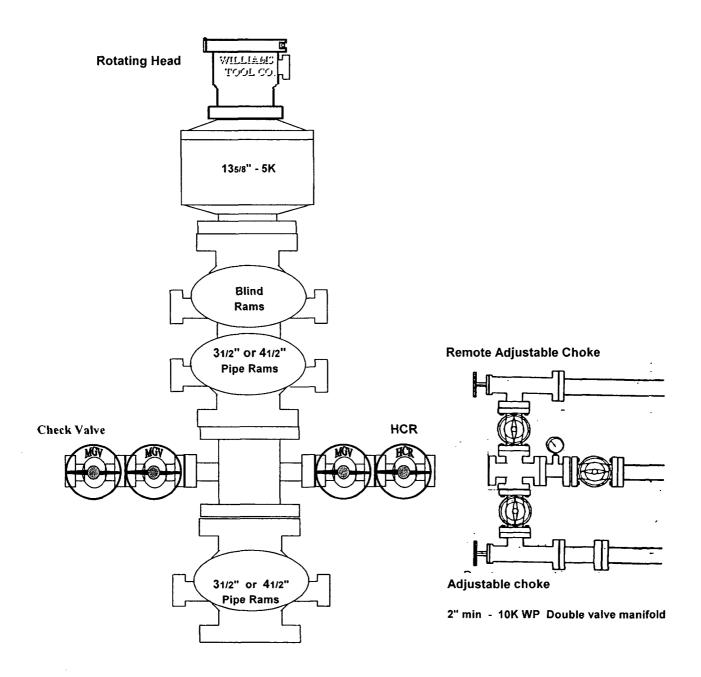


BOPE Schematic

Douglas Com #2

13 5/8" - 10K PSI

2460' FNL and 300' FEL Section 7 - T22S - R27E Eddy County, New Mexico



ATTACHMENT "C"
To Douglas Com #2
Supplemental Information

CONTINGENCY PLAN

INDEX

- 1. LOCATION INFORMATION
- 2. EMERGENCY NOTIFICATION
- 3. EMERGENCY PROCEDURES AND RESPONSIBILITIES
- 4. IGNITING THE WELL
- 5. LOCATION LAYOUT AND EQUIPMENT
- 6. TRAINING PROCEDURES AND MATERIALS
- 7. CHECK LIST
- 8. WELL CONTROL WORKSHEET

CONTINGENCY PLAN

FOR

DRILLING OPERATIONS

HEC PETROLEUM, INC.

DOUGLAS COM #2

EDDY COUNTY, NM

JUNE 28, 2004

SAFETY

It is the HEC PETROLEUM, INC. policy in all operations to do everything possible to insure the safety of its employees and the contractor's employees on the job site; additionally, to provide for the safety and comfort of persons near the operation by protecting the environment to the fullest degree possible.

The primary purpose of the procedures outlined herein is to guide the personnel on location in the event that Hydrogen Sulfide (H₂S) reaches the surface

TO PROTECT THEIR OWN SAFETY AND THE SAFETY OF OTHERS, ALL PERSONNEL ON THE JOB SITE WILL RIGIDLY ADHERE TO THIS PLAN

Initial Suspected Problem Zone:

SPUD

Potential Open Flow Capacity:

UNKNOWN

Expected Concentration:

UNKNOWN

The plan should be implemented upon intiating drilling operation.

The cementing, casing and mud program is contained in the HEC PETROLEUM, INC.

Drilling program.

DIRECTIONS TO LOCATION

From Carlsbad, NM at the intersection of Green Street and Canal Street go east on Hwy 285,1/2 mile to Fiesta Street and turn left (North) and go to Hill Street (the first street to the West). Proceed past Hill Street to the alley to the North and turn left (West) to the location.

EMERGENCY NOTIFICATION

EVACUATION PLAN

The following general plan has been developed in the event that any public evacuation becomes necessary.

- 1. HEC PETROLEUM, INC. has requested and has been assured the support of the various public safety entities in the area.
- 2. Any evacuation will be conducted by the EDDY COUNTY NEW MEXICO County Sheriff's Department.
- 3. Assistance from other public safety entities may be requested if required.
- 4. The included maps detail the area of the well site including the inventory of the public within the radius of exposure of the well.
- 5. In the event that there is any suspected problem on the well, the well site supervisor will notify the EDDY COUNTY NEW MEXICO County Sheriff's Office (505 887-7551) for ALERT STATUS.
- 6. ALERT STATUS will require that available public support personnel will proceed to the EDDY COUNTY NEW MEXICO County Sheriff's Office in Carlsbad New Mexico and standby for instructions.
- 7. If isolation and evacuation are necessary, then units will be dispatched to points marked on the map with instructions to maintain roadblocks.
- 8. Evacuation teams will then proceed to sectors to be evacuated. Evacuation procedure will follow appropriate consideration for wind conditions.
- 9. On Site- Personnel will establish safe perimeters using H2S and LEL Detectors.
- 10. OIL Conservation Division and other authorities will be notified as soon as possible.
- 11. Other supplemental contractors will be contacted and called in as needed.

EMERGENCY CALL LIST

PUBLIC SAFETY

AGENCY	LOCATION	TELEPHONE #
Sheriff's Department	Eddy County New Mexico	505 887-7551
Fire Department	Eddy County New Mexico	505 885-3125
New Mexico State Troopers	Eddy County New Mexico	505 885-3137
Highway Department	Eddy County New Mexico	505 746-5004
Oil Conservation Division	Santa Fe New Mexico	505 748-1283

EMERGENCY NOTIFICATION / EVACUATION PLAN

PURE RESOURCES EMERGENCY COMMUNICATION LIST

In the event of communication failure, personnel contacted for well control incidents may be called in order <u>as listed below</u> until satisfactory communication is accomplished. Please give a reasonable amount of time for response before the next contact is called.

	Name	Title	Office Number	Home Number	Cell Phone	Pager
1.	Ray Matthew	Engineer	432-498-8672	432-697-0201	432-557-0623	
2.	Jerry Orndorff	Superintendent	432-498-8664	432-550-5407	432-631-4295	432-620-2898
3.	Jim Harrison	Manager	432-620-5661	432-699-4476	432-553-7414	
4.	Les Sinclair	Engineer	432-620-5603	432-685-3254	432-664-7650	
5.	Jay Waldrop	HES	432-498-2654	432-523-9778	432-556-3547	

6.

7.

Name	Position	Office	Home	Mobile	Pager
Harrison, Jim	Manager	620-5661	699-4476	553-7414	
Matthews. Ray	Engineer	498-8672	697-0201	557-0623	
Sinclair, Les	Engineer	620-5603	685-3254	664-7650	
Garbrecht, Fred	Engineer - Smith	620-5657		528-6671	
Omdorff, Jerry	Superintendent	498-8664	520-5407	631-4295	620-2898
Arnold, Tommy	Drilling Tech	498-2649	522-2742		
Horton, Linda	Administration	498-2632			
Drennon, Pat	Engineer - Sierra	620-5671	686-0136	559-2975	
sierraengineering@att.net	<u> </u>				
Shields, Johnny	Supt - Sierra	683-8000	381-0233	559-1082	
jshields@sierra-engineering.net					<u>-</u>
Heard, Bill	Engineer - Sierra	498-8631	550-2447	528-0958	
Waldrop, Jay	Drilling HES	498-2654	523-9778	556-3547	
Vehicle #7214	Drilling Pool			634-0827	
Vehicle #5053	Drilling Pool	<u></u>		238-7721	
W.=	000 5000	lc			
Morning Report Fax	620-5630		report everyda		
Morn. Rpt. Back-up	498-8656		to get in on ma	in fax number	
Log Fax	498-8658	< <continuous fa<="" td=""><td></td><td>• • • • • •</td><td></td></continuous>		• • • • • •	
Orndorff's Home Fax	689-3403	<-rax reports e	very weekena (front page only)	
la	lo. o	1		007.050.0440.1	
Gillespie, Frank	Drlg Supv	505-330-6530	307-235-9047	307-258-6440	
fegillespie@orion.unocal.com	frankglsp@MSN.com	ļ	604 4740	405 5744	
Ginanni, Russ	Drlg Supv]	684-4712	425-5744	
patterson656@yahoo.com	0.50		200 4400	664-4063	
Leek, Donny	Drlg Supv]	399-4489	634-4862	
drip@apex2000.net Whetstine, Gary	Drlg Supv		070 004 0645	634-4823 281-352-4604	
Gary.Whetstine@Orion.Unocal.com	ong Supv]	912-231-3043	201-332-4004	
Gary.wneistine@Onon.onocar.com	<u> </u>				
Nahan 745 Dan Dhana Tambu	1004 7054				
Nabors 715 Bag Phone - Tarpley	664-7651				
Rowan 14 Bag Phone - Pellessier Bag Phone	661-3613 664-7630				
H&P Bag Phone - Elvick	664-7654				
Nabors 141	664-7483				
Nabors 641	664-7656	ļ <u>.</u>			
Rowan 15 - Poole	664-7462	 			
Nabors 715	664-7651				"""
Patterson UTI 630	664-7657			· · · · · · · · · · · · · · · · · · ·	
Patterson UTI 656	634-4823				
Unit 236	505-330-6530	 			
		<u> </u>		<u> </u>	
Barrera, Simon	Storbeck		325-728-9024	325-242-1369	
Brooks, Harvey	HBC		524-6040	556-6300	
Cassidy, Jim		361-888-9100		361-816-8311	361-889-9993
		1		361-649-4630	
Cates, Doyle	Sierra			638-7350	
•			'	638-7552	
Elvick, Larry	Elvick		336-2337	631-9971	580-515-0530
Gaches, Billy	Sierra		505-564-2679	505-320-1856	
bill@cptnet.com				505-330-6530	
Kiser, Danny	Sierra		806-788-0960	806-778-5808	
Law, David	Drig & Comp Supv	337-261-0332		832-752-7259	
Morgan, Jerry	Drilmark	Fax>943-4278	943-2860	661-5061	661-0264
Pellessier, Mike	Sierra			580-513-4858	185 :
Poole, Kenneth	KRP Inc.	530-1131	I	634-9431	499-4947
pressurepoole@aol.com		000 1.01	L—		
strando (tio			550 0004	624 4040	
Swindle, Otis	Swindle	Fax>366-8373		634-4013	409 2757
Tarpley, Mike			550-2894 432-263-6731	634-4013 556-2227	498-3757
Tarpley, Mike tmbr27@yahoo.com	Swindle Tarpley	Fax>366-8373		556-2227	498-3757
Tarpley, Mike tmbr27@yahoo.com Troxel, Charles	Swindle Tarpley Ford & Associates	Fax>366-8373	432-263-6731	556-2227 638-2261	498-3757
Tarpley, Mike tmbr27@yahoo.com	Swindle Tarpley	Fax>366-8373		556-2227 638-2261	498-3757
Tarpley, Mike tmbr27@yahoo.com Troxel, Charles Vickery, Tony	Swindle Tarpley Ford & Associates Sierra	Fax>366-8373 432-267-7597	432-263-6731 432-367-6130	556-2227 638-2261 432-634-6077	498-3757
Tarpley, Mike tmbr27@yahoo.com Troxel, Charles Vickery, Tony Downing, John	Swindle Tarpley Ford & Associates Sierra Materials	Fax>366-8373 432-267-7597	432-263-6731 432-367-6130 694-6982	556-2227 638-2261 432-634-6077 634-2262	498-3757
Tarpley, Mike tmbr27@yahoo.com Troxel, Charles Vickery, Tony	Swindle Tarpley Ford & Associates Sierra	Fax>366-8373 432-267-7597 432-267-7597 620-5617 498-2627	432-263-6731 432-367-6130 694-6982 694-1318	556-2227 638-2261 432-634-6077	498-3757
Tarpley, Mike tmbr27@yahoo.com Troxel, Charles Vickery, Tony Downing, John Dupriest, Gary	Swindle Tarpley Ford & Associates Sierra Materials VP Operations	Fax>366-8373 432-267-7597 620-5617 498-2627 Brownwood>>	432-263-6731 432-367-6130 694-6982 694-1318 325-784-7728	556-2227 638-2261 432-634-6077 634-2262 664-7600	498-3757
Tarpley, Mike tmbr27@yahoo.com Troxel, Charles Vickery, Tony Downing, John	Swindle Tarpley Ford & Associates Sierra Materials VP Operations Res. Engineer	Fax>366-8373 432-267-7597 432-267-7597 620-5617 498-2627 Brownwood>> 498-2671	432-263-6731 432-367-6130 694-6982 694-1318 325-784-7728 684-0860	556-2227 638-2261 432-634-6077 634-2262 664-7600 664-7643	
Tarpley, Mike tmbr27@yahoo.com Troxel, Charles Vickery, Tony Downing, John Dupriest, Gary Fitzgerald, Greg Fox, Jim Mason, Jim	Swindle Tarpley Ford & Associates Sierra Materials VP Operations	Fax>366-8373 432-267-7597 432-267-7597 620-5617 498-2627 Brownwood>> 498-2671 498-2684	432-263-6731 432-367-6130 694-6982 694-1318 325-784-7728	556-2227 638-2261 432-634-6077 634-2262 664-7600	498-3757 620-3459
Tarpley, Mike tmbr27@yahoo.com Troxel, Charles Vickery, Tony Downing, John Dupriest, Gary Fitzgerald, Greg Fox, Jim	Swindle Tarpley Ford & Associates Sierra Materials VP Operations Res. Engineer Prod. Foreman	Fax>366-8373 432-267-7597 432-267-7597 620-5617 498-2627 Brownwood>> 498-2671	432-263-6731 432-367-6130 694-6982 694-1318 325-784-7728 684-0860 697-2491 524-2201	556-2227 638-2261 432-634-6077 634-2262 664-7600 664-7643 664-7602 661-4936	
Tarpley, Mike tmbr27@yahoo.com Troxel, Charles Vickery, Tony Downing, John Dupriest, Gary Fitzgerald, Greg Fox, Jim Mason, Jim	Swindle Tarpley Ford & Associates Sierra Materials VP Operations Res. Engineer Prod. Foreman Prod. Super.	Fax>366-8373 432-267-7597 432-267-7597 620-5617 498-2627 Brownwood>> 498-2671 498-2684 498-8617	432-263-6731 432-367-6130 694-6982 694-1318 325-784-7728 684-0860 697-2491	556-2227 638-2261 432-634-6077 634-2262 664-7600 664-7643 664-7602	
Tarpley, Mike tmbr27@yahoo.com Troxel, Charles Vickery, Tony Downing, John Dupriest, Gary Fitzgerald, Greg Fox, Jim Mason, Jim Metza, Mike	Swindle Tarpley Ford & Associates Sierra Materials VP Operations Res. Engineer Prod. Foreman Prod. Super. Res. Engineer	Fax>366-8373 432-267-7597 432-267-7597 620-5617 498-2627 Brownwood>> 498-2671 498-2684 498-8617 498-8616	432-263-6731 432-367-6130 694-6982 694-1318 325-784-7728 684-0860 697-2491 524-2201 697-9859	556-2227 638-2261 432-634-6077 634-2262 664-7600 664-7643 664-7602 661-4936 631-4576	
Tarpley, Mike tmbr27@yahoo.com Troxel, Charles Vickery, Tony Downing, John Dupriest, Gary Fitzgerald, Greg Fox, Jim Mason, Jim Metza, Mike Nonhoff, Scott	Swindle Tarpley Ford & Associates Sierra Materials VP Operations Res. Engineer Prod. Foreman Prod. Super. Res. Engineer Res. Engineer	Fax>366-8373 432-267-7597 432-267-7597 620-5617 498-2627 Brownwood>> 498-2671 498-2684 498-8617 498-8616 713-951-7815	432-263-6731 432-367-6130 694-6982 694-1318 325-784-7728 684-0860 697-2491 524-2201 697-9859	556-2227 638-2261 432-634-6077 634-2262 664-7600 664-7643 664-7602 661-4936 631-4576 713-705-8490	
Tarpley, Mike tmbr27@yahoo.com Troxel, Charles Vickery, Tony Downing, John Dupriest, Gary Fitzgerald, Greg Fox, Jim Mason, Jim Metza, Mike Nonhoff, Scott	Swindle Tarpley Ford & Associates Sierra Materials VP Operations Res. Engineer Prod. Foreman Prod. Super. Res. Engineer Res. Engineer	Fax>366-8373 432-267-7597 432-267-7597 620-5617 498-2627 Brownwood>> 498-2671 498-2684 498-8617 498-8616 713-951-7815	432-263-6731 432-367-6130 694-6982 694-1318 325-784-7728 684-0860 697-2491 524-2201 697-9859	556-2227 638-2261 432-634-6077 634-2262 664-7600 664-7643 664-7602 661-4936 631-4576 713-705-8490 505-330-4694	

EMERGENCY CALL LIST

MEDICAL SUPPORT

AGENCY LOCATION TELEPHONE #

Axiom Medical Houston 281- 419-7063

Surgical Center Of Carlsbad Carlsbad 505-234-1343

EMERGENCY CALL LIST

SUPPLEMENTAL EQUIPMENT

SAFETY COMPANY

SAFETY, INTERNATIONAL, INC. ODESSA, TEXAS

432-580-3770

EMERGENCY CALL LIST NABORS DRILLING U.S.A.

NAME	TITLE	PHONE NUMBERS
Troy Blair	District Superintend	Home 432 520-0104 Cell 432 638-6818
Don Nelson	Superintend	Home 432 524-3559 Cell 432 664-9990
Hoss Crutcher	Toolpusher	Rig Cell# 432 664-9432
Martin Juarez	Toolpusher	Rig Cell # 432 664-9432
Jesse Silvas	Safety	Cell # 432 664-9980

EMERGENCY CALL LIST

RESIDENTS WITHIN 3000 FOOT RADIUS OF EXPOSURE

Carlsbad- Fire chief going to get information and provide to New Mexico Oil Conservation Division.

EMERGENCY PROCEDURES

RESPONSIBILITY

In the event of a release of potentially hazardous amounts of H₂S, all personnel will immediately proceed upwind to the nearest designated safe area and don their protective breathing equipment. The HEC PETROLEUM, INC. representative will immediately, upon assessing the situation, set this plan into action by taking the proper procedures to contain the gas and notify the appropriate people and agencies.

If the HEC PETROLEUM, INC. Representative is incapacitated or not on Location, this responsibility will fall to the NABORS DRILLING U.S.A. Tool pusher.

HEC PETROLEUM, INC.

- 1. In an emergency situation, the Operations Supervisor on duty will have complete responsibility and will take whatever action is deemed necessary in an emergency situation to insure the personnel's safety, to protect the well and to prevent property damage.
- 2. The Operation Supervisor Shall advice the Operation Superintend when procedures as specified herein have been met, will inform of emergencies and deviation from the plan, and see that procedures are observed at all times.
- 3. The Operation Supervisor shall advise each contractor, Service Company, and all others entering the site that Hydrogen Sulfide may be encountered and the potential hazards that may exist. This may be delegated to another competent person.
- 4. The rig site management team will keep the numbers of person on location to a minimum during operations.
- 5. The Operations Supervisor Assess the situation when alarm sounds, and issue work orders. When conditions warrant, order all personnel to "Safe Briefing Areas".
- 6. The Operations Supervisor will direct corrective actions to control flow of gas.
- 7. Has full responsibility for the decision to ignite the well. The decision will be made only as a last resort.

NABORS DRILLING U.S.A. COMPANY

- 1. The Toolpusher will assume all responsibilities of the Drilling Foreman in an emergency situation in the event that the Drilling Foreman becomes incapacitated.
- 2. The Toolpusher will order the Driller to secure the rig, if time permits.