1. GEOLOGIC NAME OF SURFACE FORMATION: Permian

2. ESTIMATED TOPS OF IMPORTANT GEOLOGICAL MARKERS:

| Rustler | 805' |
|------------------------------------|---------|
| Top of Salt | 1,135' |
| Base of Salt / Top Anhydrite | 4,765' |
| Base Anhydrite | 5,010' |
| Lamar | 5,010' |
| Bell Canyon | 5,035' |
| Cherry Canyon | 6,080' |
| Brushy Canyon | 7,660' |
| Bone Spring Lime | 9,215' |
| 1 st Bone Spring Sand | 10,155' |
| 2 nd Bone Spring Shale | 10,345' |
| 2 nd Bone Spring Sand | 10,660' |
| 3 rd Bone Spring Carb . | 11,130' |
| 3 rd Bone Spring Sand | 11,730' |
| Wolfcamp | 12,200' |
| TD | 12,420' |

3. ESTIMATED DEPTHS OF ANTICIPATED FRESH WATER, OIL OR GAS:

| Upper Permian Sands | 0-400' | Fresh Water |
|-----------------------------------|---------|-------------|
| Cherry Canyon | 6,080' | Oil |
| Brushy Canyon | 7,660' | Oil |
| 1 st Bone Spring Sand | 10,155' | Oil |
| 2 nd Bone Spring Shale | 10,345' | Oil |
| 2 nd Bone Spring Sand | 10,660' | Oil |
| 3 rd Bone Spring Carb | 11,130' | Oil |
| 3 rd Bone Spring Sand | 11,730' | Oil |
| Wolfcamp | 12,200' | Oil |

No other Formations are expected to give up oil, gas or fresh water in measurable quantities. Surface fresh water sands will be protected by setting 10.75" casing at 830' and circulating cement back to surface.

| Hole | | Csg | | | | DFmin | DFmin | DFmin |
|--------|------------------|--------|--------|---------|--------------|----------|-------|---------|
| Size | Interval | OD | Weight | Grade | Conn | Collapse | Burst | Tension |
| 14.75" | 0-830' | 10.75" | 40.5# | J55 | STC | 1.125 | 1.25 | 1.60 |
| 9.875" | 0 - 1,000' | 7.625" | 29.7# | HCP- | LTC | 1.125 | 1.25 | 1.60 |
| | | | | 110 | | | | |
| 9.875" | 1,000' - | 7.625" | 29.7# | P-110EC | SLIJ II | 1.125 | 1.25 | 1.60 |
| | 3,000' | | | | | | | |
| 8.75" | 3,000' - 11,300' | 7.625" | 29.7# | HCP- | FlushMax III | 1.125 | 1.25 | 1.60 |
| | | | | 110 | | | | |
| 6.75" | 0' - 10,800' | 5.5" | 20# | P-110EC | DWC/C-IS | 1.125 | 1.25 | 1.60 |
| | | | | | MS | | | |
| 6.75" | 10,800'-17,105' | 5.5" | 20# | P-110EC | VAM SFC | 1.125 | 1.25 | 1.60 |

4. CASING PROGRAM - NEW

Variance is requested to wave the centralizer requirements for the 7-5/8" FJ casing in the 8-3/4" hole size. An expansion additive will be utilized, in the cement slurry, for the entire length of the 8-3/4" hole interval to maximize cement bond and zonal isolation.

Variance is also requested to wave any centralizer requirements for the 5-1/2" FJ casing in the 6-3/4" hole size. An expansion additive will be utilized, in the cement slurry, for the entire length of the 6-3/4" hole interval to maximize cement bond and zonal isolation.

| Depth | No. Sacks | Wt. ppg | Yld Ft ³ /ft | Mix Water Gal/sk | Slurry Description |
|-------------------|--------------|------------|----------------------------|------------------------|---|
| 10-3/4" 830' | 325 | 13.5 | 1.73 | 9.13 | Class C + 4.0% Bentonite + 0.6% CD-32 + 0.5% CaCl ₂ + 0.25 lb/sk Cello-Flake (TOC @ Surface) |
| | 200 | 14.8 | 1.34 | 6.34 | Class C + 0.6% FL-62 + 0.25 lb/sk Cello-Flake + 0.2% Sodium Metasilicate |
| 7-5/8" 11,300' | 250 | 14.8 | 1.38 | 6.48 | Class C + 5% Gypsum + 3% CaCl2 pumped via Bradenhead (TOC @ Surface) |
| | 2000 | 14.8 | 1.38 | 6.48 | Class C + 5% Gypsum + 3% CaCl2 pumped via Bradenhead |
| | 550 | 14.4 | 1.20 | 4.81 | 50:50 Class H:Poz + 0.25% CPT20A + 0.40% CPT49 + 0.20% CPT35 + 0.80% CPT16A + 0.25% CPT503P pumped Conventionally |
| 5-1/2" 17,105' | 850 | 14.1 | 1.26 | 5.80 | Class H + 0.1% C-20 + 0.05% CSA-1000 + 0.20% C-49 + 0.40% C-17 (TOC @ 10,800') |

Cementing Program:

Note: Cement volumes based on bit size plus at least 25% excess in the open hole plus 10% excess in the cased-hole overlap section.

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Variance is requested to use a co-flex line between the BOP and choke manifold (instead of using a 4" OD steel line).

The minimum blowout preventer equipment (BOPE) shown in Exhibit #1 will consist of a single ram, mud cross and double ram-type (10,000 psi WP) preventer and an annular preventer (5000-psi WP). Both units will be hydraulically operated and the ram-type will be equipped with blind rams on bottom and drill pipe rams on top. All BOPE will be tested in accordance with Onshore Oil & Gas order No. 2.

Before drilling out of the surface casing, the ram-type BOP and accessory equipment will be tested to 5000/250 psig and the annular preventer to 3500/250 psig. The surface casing will be tested to 1500 psi for 30 minutes.

Before drilling out of the intermediate casing, the ram-type BOP and accessory equipment will be tested to 5000/250 psig and the annular preventer to 3500/250 psig. The intermediate casing will be tested to 2000 psi for 30 minutes.

Pipe rams will be operationally checked each 24-hour period. Blind rams will be operationally checked on each trip out of the hole. These checks will be noted on the daily tour sheets.

A hydraulically operated choke will be installed prior to drilling out of the intermediate casing shoe.

6. TYPES AND CHARACTERISTICS OF THE PROPOSED MUD SYSTEM:

During this procedure we plan to use a Closed-Loop System and haul contents to the required disposal.

The applicable depths and properties of the drilling fluid systems are as follows.

| Depth | Туре | Weight (ppg) | Viscosity | Water Loss |
|-------------------|-------------|--------------|-----------|------------|
| 0 - 830' | Fresh - Gel | 8.6-8.8 | 28-34 | N/c |
| 830' – 11,300' | Brine | 8.8-10.0 | 28-34 | N/c |
| 11,300' - 17,105' | Oil Base | 10.0-14.0 | 58-68 | 3 - 6 |
| Lateral | | | | |

The highest mud weight needed to balance formation is expected to be 11.5 ppg. In order to maintain hole stability, mud weights up to 14.0 ppg may be utilized.

An electronic pit volume totalizer (PVT) will be utilized on the circulating system, to monitor pit volume, flow rate, pump pressure and stroke rate.

Sufficient mud materials to maintain mud properties and meet minimum lost circulation and weight increase requirements will be kept at the wellsite at all times.

7. AUXILIARY WELL CONTROL AND MONITORING EQUIPMENT:

- (A) A kelly cock will be kept in the drill string at all times.
- (B) A full opening drill pipe-stabbing valve (inside BOP) with proper drill pipe connections will be on the rig floor at all times.
- (C) H₂S monitoring and detection equipment will be utilized from surface casing point to TD.

8. LOGGING, TESTING AND CORING PROGRAM:

Open-hole logs are not planned for this well.

GR–CCL Will be run in cased hole during completions phase of operations.

9. ABNORMAL CONDITIONS, PRESSURES, TEMPERATURES AND POTENTIAL HAZARDS:

The estimated bottom-hole temperature (BHT) at TD is 181 degrees F with an estimated maximum bottom-hole pressure (BHP) at TD of 7427 psig (based on 11.5 ppg MW). No hydrogen sulfide or other hazardous gases or fluids have been encountered, reported or are known to exist at this depth in this area. Severe loss circulation is expected from 7,300' to Intermediate casing point.

10. ANTICIPATED STARTING DATE AND DURATION OF OPERATIONS:

The drilling operation should be finished in approximately one month. If the well is productive, an additional 60-90 days will be required for completion and testing before a decision is made to install permanent facilities.

(A)EOG Resources requests the option to contract a Surface Rig to drill, set surface casing, and cement on the subject well. If the timing between rigs is such that EOG Resources would not be able to preset the surface, the Primary Rig will MIRU and drill the well in its entirety per the APD.

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11. WELLHEAD: in a construction of the initial end of a discrete in the

2 Contraction of the second

A multi-bowl wellhead system will be utilized.

After running the 10-3/4" surface casing, a 13-5/8" BOP/BOPE system with a minimum working pressure of 5000 psi will be installed on the wellhead system and will be pressure tested to 250 psi low followed by a 5000 psi pressure test. This pressure test will be repeated at least every 30 days, as per Onshore Order No. 2.

The minimum working pressure of the BOP and related BOPE required for drilling below a the state of the second the surface casing shoe shall be 5000 psi.

The multi-bowl wellhead will be installed by vendor's representative(s). A copy of the installation instructions for the Stream Flo FBD100 Multi-Bowl WH system has been sent to the NM BLM office in Carlsbad, NM.

The wellhead will be installed by a third party welder while being monitored by WH vendor's representative.

All BOP equipment will be tested utilizing a conventional test plug. Not a cup or J-packer type.

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A solid steel body pack-off will be utilized after running and cementing the intermediate casing. After installation the pack-off and lower flange will be pressure tested to 5000 psi.

Both the surface and intermediate casing strings will be tested as per Onshore Order No. 2 to at least 0.22 psi/ft or 1500 psi, whichever is greater. and the second second second second Para Martin Martin

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| Hole | | Csg | | | | DFmin | DFmin | DFmin |
|--------|------------------|--------|--------|---------|--------------|----------|-------|---------|
| Size | Interval | OD | Weight | Grade | Conn | Collapse | Burst | Tension |
| 14.75" | 0 - 830' | 10.75" | 40.5# | J55 | STC | 1.125 | 1.25 | 1.60 |
| 9.875" | 0 – 1,000' | 7.625" | 29.7# | HCP- | LTC | 1.125 | 1.25 | 1.60 |
| | | | | 110 | | | | |
| 9.875" | 1,000' - | 7.625" | 29.7# | P-110EC | SLIJ II | 1.125 | 1.25 | 1.60 |
| | 3,000' | | | | | | | |
| .8.75" | 3,000' - 11,300' | 7.625" | 29.7# | HCP- | FlushMax III | 1.125 | 1.25 | 1.60 |
| | | | | 110 | | | | |
| 6.75" | 0' - 10,800' | 5.5" | 20# | P-110EC | DWC/C-IS | 1.125 | 1.25 | 1.60 |
| ! | | | | | MS | | | |
| 6.75" | 10,800'-17,105' | 5.5" | 20# | P-110EC | VAM SFC | 1.125 | 1.25 | 1.60 |

4. CASING PROGRAM - NEW

Variance is requested to wave the centralizer requirements for the 7-5/8" FJ casing in the 8-3/4" hole size. An expansion additive will be utilized, in the cement slurry, for the entire length of the 8-3/4" hole interval to maximize cement bond and zonal isolation.

Variance is also requested to wave any centralizer requirements for the 5-1/2" FJ casing in the 6-3/4" hole size. An expansion additive will be utilized, in the cement slurry, for the entire length of the 6-3/4" hole interval to maximize cement bond and zonal isolation.

| Depth | No. Sacks | Wt. ppg | Yld Ft ³ /ft | Mix Water Gal/sk | Slurry Description |
|-------------------|--------------|------------|----------------------------|------------------------|---|
| 10-3/4" 830' | 325 | 13.5 | 1.73 | 9.13 | Class C + 4.0% Bentonite + 0.6% CD-32 + 0.5% $CaCl_2$ + 0.25 lb/sk Cello-Flake (TOC @ Surface) |
| | 200 | 14.8 | 1.34 | 6.34 | Class C + 0.6% FL-62 + 0.25 lb/sk Cello-Flake + 0.2% Sodium Metasilicate |
| 7-5/8" 11,300' | 250 | 14.8 | 1.38 | 6.48 | Class C + 5% Gypsum + 3% CaCl2 pumped via Bradenhead (TOC @ Surface) |
| | 2000 | 14.8 | 1.38 | 6.48 | Class C + 5% Gypsum + 3% CaCl2 pumped via Bradenhead |
| | 550 | 14.4 | 1.20 | 4.81 | 50:50 Class H:Poz + 0.25% CPT20A + 0.40% CPT49 + 0.20% CPT35 + 0.80% CPT16A + 0.25% CPT503P pumped Conventionally |
| 5-1/2" 17,105' | 850 | 14.1 | 1.26 | 5.80 | Class H + 0.1% C-20 + 0.05% CSA-1000 + 0.20% C-49 + 0.40% C-17 (TOC @ 10,800') |

Cementing Program:

Note: Cement volumes based on bit size plus at least 25% excess in the open hole plus 10% excess in the cased-hole overlap section.

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

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The minimum blowout preventer equipment (BOPE) shown in Exhibit #1 will consist of a single ram, mud cross and double ram-type (10,000 psi WP) preventer and an annular preventer (5000-psi WP). Both units will be hydraulically operated and the ram-type will be equipped with blind rams on bottom and drill pipe rams on top. All BOPE will be tested in accordance with Onshore Oil & Gas order No. 2.

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6. TYPES AND CHARACTERISTICS OF THE PROPOSED MUD SYSTEM:

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| Depth | Туре | Weight (ppg) | Viscosity | Water Loss |
|-------------------|-------------|--------------|-----------|------------|
| 0 - 830' | Fresh - Gel | 8.6-8.8 | 28-34 | N/c |
| 830'-11,300' | Brine | 8.8-10.0 | 28-34 | N/c |
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| Lateral | | | | |

The highest mud weight needed to balance formation is expected to be 11.5 ppg. In order to maintain hole stability, mud weights up to 14.0 ppg may be utilized.

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The minimum working pressure of the BOP and related BOPE required for drilling below the surface casing shoe shall be 5000 psi.

The multi-bowl wellhead will be installed by vendor's representative(s). A copy of the installation instructions for the Stream Flo FBD100 Multi-Bowl WH system has been sent to the NM BLM office in Carlsbad, NM.

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| Wolfcamp | 12,200' |
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| 0-400' | Fresh Water |
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| Depth | No. Sacks | Wt. ppg | Yld Ft³/ft | Mix Water Gal/sk | Slurry Description |
|-------------------|--------------|------------|---------------|------------------------|---|
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| 5-1/2" 17,105' | 850 | 14.1 | 1.26 | 5.80 | Class H + 0.1% C-20 + 0.05% CSA-1000 + 0.20% C-49 + 0.40% C-17 (TOC @ 10,800') |

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A hydraulically operated choke will be installed prior to drilling out of the intermediate casing shoe.

6. TYPES AND CHARACTERISTICS OF THE PROPOSED MUD SYSTEM:

During this procedure we plan to use a Closed-Loop System and haul contents to the required disposal.

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| Depth | Туре | Weight (ppg) | Viscosity | Water Loss |
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| 11,300' – 17,105' | Oil Base | 10.0-14.0 | 58-68 | 3 - 6 |
| Lateral | | | | |

The highest mud weight needed to balance formation is expected to be 11.5 ppg. In order to maintain hole stability, mud weights up to 14.0 ppg may be utilized.

An electronic pit volume totalizer (PVT) will be utilized on the circulating system, to monitor pit volume, flow rate, pump pressure and stroke rate.

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- (B) A full opening drill pipe-stabbing valve (inside BOP) with proper drill pipe connections will be on the rig floor at all times.
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8. LOGGING, TESTING AND CORING PROGRAM:

Open-hole logs are not planned for this well.

GR–CCL Will be run in cased hole during completions phase of operations.

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10. ANTICIPATED STARTING DATE AND DURATION OF OPERATIONS:

The drilling operation should be finished in approximately one month. If the well is productive, an additional 60-90 days will be required for completion and testing before a decision is made to install permanent facilities.

(A)EOG Resources requests the option to contract a Surface Rig to drill, set surface casing, and cement on the subject well. If the timing between rigs is such that EOG Resources would not be able to preset the surface, the Primary Rig will MIRU and drill the well in its entirety per the APD.

11. WELLHEAD:

A multi-bowl wellhead system will be utilized.

After running the 10-3/4" surface casing, a 13-5/8" BOP/BOPE system with a minimum working pressure of 5000 psi will be installed on the wellhead system and will be pressure tested to 250 psi low followed by a 5000 psi pressure test. This pressure test will be repeated at least every 30 days, as per Onshore Order No. 2

The minimum working pressure of the BOP and related BOPE required for drilling below the surface casing shoe shall be 5000 psi.

The multi-bowl wellhead will be installed by vendor's representative(s). A copy of the installation instructions for the Stream Flo FBD100 Multi-Bowl WH system has been sent to the NM BLM office in Carlsbad, NM.

The wellhead will be installed by a third party welder while being monitored by WH vendor's representative.

All BOP equipment will be tested utilizing a conventional test plug. Not a cup or J-packer type.

A solid steel body pack-off will be utilized after running and cementing the intermediate casing. After installation the pack-off and lower flange will be pressure tested to 5000 psi.

Both the surface and intermediate casing strings will be tested as per Onshore Order No. 2 to at least 0.22 psi/ft or 1500 psi, whichever is greater.

1. GEOLOGIC NAME OF SURFACE FORMATION:

Permian

2. ESTIMATED TOPS OF IMPORTANT GEOLOGICAL MARKERS:

| 2 | Rustler | |
|-----|-----------------------------------|------|
| 1 | Top of Salt | ; |
| | Base of Salt / Top Anhydrite | |
| | Base Anhydrite | |
| | Lamar | |
| • | Bell Canyon | |
| | Cherry Canyon | |
| | Brushy Canyon | |
| | Bone Spring Lime | , |
| . ' | 1 st Bone Spring Sand | . •: |
| | 2 nd Bone Spring Shale | |
| | 2 nd Bone Spring Sand | |
| | 3 rd Bone Spring Carb | |
| | 3 rd Bone Spring Sand | |
| | Wolfcamp | |
| | TD | |
| | | |

805' 1;135' 4;765' 5,010' 5,010' 5,035' 6;080' 7,660' 9,215' 10,155' 10,345'

10,660'

- - 12;420'

3. ESTIMATED DEPTHS OF ANTICIPATED FRESH WATER, OIL OR GAS:

| Upper Permian Sands | 0- 400' | Fresh Water |
|-----------------------------------|---------|-------------|
| Cherry Canyon | 6,080' | Oil |
| Brushy Canyon | 7,660' | Oil |
| 1 st Bone Spring Sand | 10,155' | Oil |
| 2 nd Bone Spring Shale | 10,345' | Oil |
| 2 nd Bone Spring Sand | 10,660' | Oil |
| 3 rd Bone Spring Carb | 11,130' | Oil |
| 3 rd Bone Spring Sand | 11,730' | Oil |
| Wolfcamp | 12,200' | Oil |
| | | |

No other Formations are expected to give up oil, gas or fresh water in measurable quantities. Surface fresh water sands will be protected by setting 10.75" casing at 830' and circulating cement back to surface.

| Hole | | Csg | | | | DFmin | DFmin | DFmin |
|--------|------------------|--------|--------|-------------|----------------|----------|-------|---------|
| Size | Interval | OD | Weight | Grade | Conn | Collapse | Burst | Tension |
| 14.75" | 0-830' | 10.75" | 40.5# | J55 | STC | 1.125 | 1.25 | 1.60 |
| 9.875" | 0 – 1,000' | 7.625" | 29.7# | HCP- | LTC | 1.125 | 1.25 | 1.60 |
| | | | | 110 | | | | |
| 9.875" | 1,000' 3,000' | 7.625" | 29.7# | P-110EC | SLIJ II | 1.125 | 1.25 | 1.60 |
| 8.75" | 3,000' - 11,300' | 7.625" | 29.7# | HCP- 110 | FlushMax III | 1.125 | 1.25 | 1.60 |
| 6.75" | 0' - 10,800' | 5.5" | 20# | P-110EC | DWC/C-IS MS | 1.125 | 1.25 | 1.60 |
| 6.75" | 10,800'-17,105' | 5.5" | 20# | P-110EC | VAM SFC | 1.125 | 1.25 | 1.60 |

4. CASING PROGRAM - NEW

Variance is requested to wave the centralizer requirements for the 7-5/8" FJ casing in the 8-3/4" hole size. An expansion additive will be utilized, in the cement slurry, for the entire length of the 8-3/4" hole interval to maximize cement bond and zonal isolation.

Variance is also requested to wave any centralizer requirements for the 5-1/2" FJ casing in the 6-3/4" hole size. An expansion additive will be utilized, in the cement slurry, for the entire length of the 6-3/4" hole interval to maximize cement bond and zonal isolation.

| Depth | No. Sacks | Wt. ppg | Yld Ft ³ /ft | Mix Water Gal/sk | Slurry Description |
|-------------------|--------------|------------|----------------------------|------------------------|---|
| 10-3/4" 830' | 325 | 13.5 | 1.73 | 9.13 | Class C + 4.0% Bentonite + 0.6% CD-32 + 0.5% $CaCl_2$ + 0.25 lb/sk Cello-Flake (TOC @ Surface) |
| | 200 | 14.8 | 1.34 | 6.34 | Class C + 0.6% FL-62 + 0.25 lb/sk Cello-Flake + 0.2% Sodium Metasilicate |
| 7-5/8" 11,300' | 250 | 14.8 | 1.38 | 6.48 | Class C + 5% Gypsum + 3% CaCl2 pumped via Bradenhead (TOC @ Surface) |
| | 2000 | 14.8 | 1.38 | 6.48 | Class C + 5% Gypsum + 3% CaCl2 pumped via Bradenhead |
| | 550 | 14.4 | 1.20 | 4.81 | 50:50 Class H:Poz + 0.25% CPT20A + 0.40% CPT49 + 0.20% CPT35 + 0.80% CPT16A + 0.25% CPT503P pumped Conventionally |
| 5-1/2" 17,105' | 850 | 14.1 | 1.26 | 5.80 | Class H + 0.1% C-20 + 0.05% CSA-1000 + 0.20% C-49 + 0.40% C-17 (TOC @ 10,800') |

Cementing Program:

Note: Cement volumes based on bit size plus at least 25% excess in the open hole plus 10% excess in the cased-hole overlap section.

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Variance is requested to use a co-flex line between the BOP and choke manifold (instead of using a 4" OD steel line).

The minimum blowout preventer equipment (BOPE) shown in Exhibit #1 will consist of a single ram, mud cross and double ram-type (10,000 psi WP) preventer and an annular preventer (5000-psi WP). Both units will be hydraulically operated and the ram-type will be equipped with blind rams on bottom and drill pipe rams on top. All BOPE will be tested in accordance with Onshore Oil & Gas order No. 2.

Before drilling out of the surface casing, the ram-type BOP and accessory equipment will be tested to 5000/ 250 psig and the annular preventer to 3500/ 250 psig. The surface casing will be tested to 1500 psi for 30 minutes.

Before drilling out of the intermediate casing, the ram-type BOP and accessory equipment will be tested to 5000/ 250 psig and the annular preventer to 3500/ 250 psig. The intermediate casing will be tested to 2000 psi for 30 minutes.

Pipe rams will be operationally checked each 24-hour period. Blind rams will be operationally checked on each trip out of the hole. These checks will be noted on the daily tour sheets.

A hydraulically operated choke will be installed prior to drilling out of the intermediate casing shoe.

6. TYPES AND CHARACTERISTICS OF THE PROPOSED MUD SYSTEM:

During this procedure we plan to use a Closed-Loop System and haul contents to the required disposal.

The applicable depths and properties of the drilling fluid systems are as follows.

| Depth | Туре | Weight (ppg) | Viscosity | Water Loss |
|-------------------|-------------|--------------|-----------|------------|
| 0-830' | Fresh - Gel | 8.6-8.8 | 28-34 | N/c |
| 830' - 11,300' | Brine | 8.8-10.0 | 28-34 | N/c |
| 11,300' – 17,105' | Oil Base | 10.0-14.0 | 58-68 | 3 - 6 |
| Lateral | | | | |

The highest mud weight needed to balance formation is expected to be 11.5 ppg. In order to maintain hole stability, mud weights up to 14.0 ppg may be utilized.

An electronic pit volume totalizer (PVT) will be utilized on the circulating system, to monitor pit volume, flow rate, pump pressure and stroke rate.

Sufficient mud materials to maintain mud properties and meet minimum lost circulation and weight increase requirements will be kept at the wellsite at all times.

7. AUXILIARY WELL CONTROL AND MONITORING EQUIPMENT:

- (A) A kelly cock will be kept in the drill string at all times.
- (B) A full opening drill pipe-stabbing valve (inside BOP) with proper drill pipe connections will be on the rig floor at all times.
- (C) H₂S monitoring and detection equipment will be utilized from surface casing point to TD.

8. LOGGING, TESTING AND CORING PROGRAM:

Open-hole logs are not planned for this well.

GR–CCL Will be run in cased hole during completions phase of operations.

9. ABNORMAL CONDITIONS, PRESSURES, TEMPERATURES AND POTENTIAL HAZARDS:

The estimated bottom-hole temperature (BHT) at TD is 181 degrees F with an estimated maximum bottom-hole pressure (BHP) at TD of 7427 psig (based on 11.5 ppg MW). No hydrogen sulfide or other hazardous gases or fluids have been encountered, reported or are known to exist at this depth in this area. Severe loss circulation is expected from 7,300' to Intermediate casing point.

10. ANTICIPATED STARTING DATE AND DURATION OF OPERATIONS:

The drilling operation should be finished in approximately one month. If the well is productive, an additional 60-90 days will be required for completion and testing before a decision is made to install permanent facilities.

(A) EOG Resources requests the option to contract a Surface Rig to drill, set surface casing, and cement on the subject well. If the timing between rigs is such that EOG Resources would not be able to preset the surface, the Primary Rig will MIRU and drill the well in its entirety per the APD.

11. WELLHEAD:

A multi-bowl wellhead system will be utilized.

After running the 10-3/4" surface casing, a 13-5/8" BOP/BOPE system with a minimum working pressure of 5000 psi will be installed on the wellhead system and will be pressure tested to 250 psi low followed by a 5000 psi pressure test. This pressure test will be repeated at least every 30 days, as per Onshore Order No. 2

The minimum working pressure of the BOP and related BOPE required for drilling below the surface casing shoe shall be 5000 psi.

The multi-bowl wellhead will be installed by vendor's representative(s). A copy of the installation instructions for the Stream Flo FBD100 Multi-Bowl WH system has been sent to the NM BLM office in Carlsbad, NM.

The wellhead will be installed by a third party welder while being monitored by WH vendor's representative.

All BOP equipment will be tested utilizing a conventional test plug. Not a cup or J-packer type.

A solid steel body pack-off will be utilized after running and cementing the intermediate casing. After installation the pack-off and lower flange will be pressure tested to 5000 psi.

Both the surface and intermediate casing strings will be tested as per Onshore Order No. 2 to at least 0.22 psi/ft or 1500 psi, whichever is greater.

| Hole | | Csg | | | · · · · · · · · · · · · · · · · · · · | DFmin | DFmin | DFmin |
|--------|--------------------|--------|--------|-------------|---------------------------------------|----------|-------|---------|
| Size | Interval | OD | Weight | Grade | Conn | Collapse | Burst | Tension |
| 14.75" | 0-830' | 10.75" | 40.5# | J55 | STC | 1.125 | 1.25 | 1.60 |
| 9.875" | 0-1,000' | 7.625" | 29.7# | HCP- 110 | LTC | 1.125 | 1.25 | 1.60 |
| 9.875" | 1,000' – 3,000' | 7.625" | 29.7# | P-110EC | SLIJ II | 1.125 | 1.25 | 1.60 |
| 8.75" | 3,000' - 11,300' | 7.625" | 29.7# | HCP- 110 | FlushMax III | 1.125 | 1.25 | 1.60 |
| 6.75" | 0'-10,800' | 5.5" | 20# | P-110EC | DWC/C-IS MS | 1.125 | 1.25 | 1.60 |
| 6.75" | 10,800'-17,105' | 5.5" | 20# | P-110EC | VAM SFC | 1.125 | 1.25 | 1.60 |

4. CASING PROGRAM - NEW

Variance is requested to wave the centralizer requirements for the 7-5/8" FJ casing in the 8-3/4" hole size. An expansion additive will be utilized, in the cement slurry, for the entire length of the 8-3/4" hole interval to maximize cement bond and zonal isolation.

Variance is also requested to wave any centralizer requirements for the 5-1/2" FJ casing in the 6-3/4" hole size. An expansion additive will be utilized, in the cement slurry, for the entire length of the 6-3/4" hole interval to maximize cement bond and zonal isolation.

| Depth | No. Sacks | Wt. ppg | Yld Ft ³ /ft | Mix Water Gal/sk | Slurry Description |
|-------------------|--------------|------------|----------------------------|------------------------|---|
| 10-3/4" 830' | 325 | 13.5 | 1.73 | 9.13 | Class C + 4.0% Bentonite + 0.6% CD-32 + 0.5% CaCl ₂ + 0.25 lb/sk Cello-Flake (TOC @ Surface) |
| | 200 | 14.8 | 1.34 | 6.34 | Class C + 0.6% FL-62 + 0.25 lb/sk Cello-Flake + 0.2% Sodium Metasilicate |
| 7-5/8" 11,300' | 250 | 14.8 | 1.38 | 6.48 | Class C + 5% Gypsum + 3% CaCl2 pumped via Bradenhead (TOC @ Surface) |
| | 2000 | 14.8 | 1.38 | 6.48 | Class C + 5% Gypsum + 3% CaCl2 pumped via Bradenhead |
| | 550 | 14.4 | 1.20 | 4.81 | 50:50 Class H:Poz + 0.25% CPT20A + 0.40% CPT49 + 0.20% CPT35 + 0.80% CPT16A + 0.25% CPT503P pumped Conventionally |
| 5-1/2" 17,105' | 850 | 14.1 | 1.26 | 5.80 | Class H + 0.1% C-20 + 0.05% CSA-1000 + 0.20% C-49 + 0.40% C-17 (TOC @ 10,800') |

Cementing Program:

Note: Cement volumes based on bit size plus at least 25% excess in the open hole plus 10% excess in the cased-hole overlap section.

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5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Variance is requested to use a co-flex line between the BOP and choke manifold (instead of using a 4" OD steel line).

The minimum blowout preventer equipment (BOPE) shown in Exhibit #1 will consist of a single ram, mud cross and double ram-type (10,000 psi WP) preventer and an annular preventer (5000-psi WP). Both units will be hydraulically operated and the ram-type will be equipped with blind rams on bottom and drill pipe rams on top. All BOPE will be tested in accordance with Onshore Oil & Gas order No. 2.

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Before drilling out of the surface casing, the ram-type BOP and accessory equipment will be tested to 5000/250 psig and the annular preventer to 3500/250 psig. The surface casing will be tested to 1500 psi for 30 minutes.

Before drilling out of the intermediate casing, the ram-type BOP and accessory equipment will be tested to 5000/ 250 psig and the annular preventer to 3500/ 250 psig. The intermediate casing will be tested to 2000 psi for 30 minutes.

Pipe rams will be operationally checked each 24-hour period. Blind rams will be operationally checked on each trip out of the hole. These checks will be noted on the daily tour sheets.

A hydraulically operated choke will be installed prior to drilling out of the intermediate casing shoe.

6. TYPES AND CHARACTERISTICS OF THE PROPOSED MUD SYSTEM:

During this procedure we plan to use a Closed-Loop System and haul contents to the required disposal.

The applicable depths and properties of the drilling fluid systems are as follows.

| Depth | Туре | Weight (ppg) | Viscosity | Water Loss |
|-------------------|-------------|--------------|-----------|------------|
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| 830'-11,300' | Brine | 8.8-10.0 | 28-34 | N/c |
| 11,300' – 17,105' | Oil Base | 10.0-14.0 | 58-68 | 3 - 6 |
| Lateral | | | | |

The highest mud weight needed to balance formation is expected to be 11.5 ppg. In order to maintain hole stability, mud weights up to 14.0 ppg may be utilized.

An electronic pit volume totalizer (PVT) will be utilized on the circulating system, to monitor pit volume, flow rate, pump pressure and stroke rate.

Sufficient mud materials to maintain mud properties and meet minimum lost circulation and weight increase requirements will be kept at the wellsite at all times.

7. AUXILIARY WELL CONTROL AND MONITORING EQUIPMENT:

- (A) A kelly cock will be kept in the drill string at all times.
- (B) A full opening drill pipe-stabbing valve (inside BOP) with proper drill pipe connections will be on the rig floor at all times.
- (C) H₂S monitoring and detection equipment will be utilized from surface casing point to TD.

8. LOGGING, TESTING AND CORING PROGRAM:

Open-hole logs are not planned for this well.

GR-CCL Will be run in cased hole during completions phase of operations.

9. ABNORMAL CONDITIONS, PRESSURES, TEMPERATURES AND POTENTIAL HAZARDS:

The estimated bottom-hole temperature (BHT) at TD is 181 degrees F with an estimated maximum bottom-hole pressure (BHP) at TD of 7427 psig (based on 11.5 ppg MW). No hydrogen sulfide or other hazardous gases or fluids have been encountered, reported or are known to exist at this depth in this area. Severe loss circulation is expected from 7,300' to Intermediate casing point.

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Both the surface and intermediate casing strings will be tested as per Onshore Order No. 2 to at least 0.22 psi/ft or 1500 psi, whichever is greater.

1. GEOLOGIC NAME OF SURFACE FORMATION: Permian

2. ESTIMATED TOPS OF IMPORTANT GEOLOGICAL MARKERS:

| Rustler | 805' |
|-----------------------------------|---------|
| Top of Salt | 1,135' |
| Base of Salt / Top Anhydrite | 4,765' |
| Base Anhydrite | 5,010' |
| Lamar | 5,010' |
| Bell Canyon | 5,035' |
| Cherry Canyon | 6,080' |
| Brushy Canyon | 7,660' |
| Bone Spring Lime | 9,215' |
| 1 st Bone Spring Sand | 10,155' |
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| 2 nd Bone Spring Sand | 10,660' |
| 3 rd Bone Spring Carb | 11,130' |
| 3 rd Bone Spring Sand | 11,730' |
| Wolfcamp | 12,200' |
| TD | 12,420' |

3. ESTIMATED DEPTHS OF ANTICIPATED FRESH WATER, OIL OR GAS:

| Upper Permian Sands | 0-400' | Fresh Water |
|-----------------------------------|---------|-------------|
| Cherry Canyon | 6,080' | Oil |
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No other Formations are expected to give up oil, gas or fresh water in measurable quantities. Surface fresh water sands will be protected by setting 10.75" casing at 830' and circulating cement back to surface.

| Hole | | Csg | | | | DFmin | DFmin | DFmin |
|--------|------------------|--------|--------|---------|--------------|----------|-------|---------|
| Size | Interval | OD | Weight | Grade | Conn | Collapse | Burst | Tension |
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| | 3,000' | | | | | | | |
| 8.75" | 3,000' - 11,300' | 7.625" | 29.7# | HCP- | FlushMax III | 1.125 | 1.25 | 1.60 |
| | | | | 110 | | | | |
| 6.75" | 0' - 10,800' | 5.5" | 20# | P-110EC | DWC/C-IS | 1.125 | 1.25 | 1.60 |
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Variance is also requested to wave any centralizer requirements for the 5-1/2" FJ casing in the 6-3/4" hole size. An expansion additive will be utilized, in the cement slurry, for the entire length of the 6-3/4" hole interval to maximize cement bond and zonal isolation.

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Pipe rams will be operationally checked each 24-hour period. Blind rams will be operationally checked on each trip out of the hole. These checks will be noted on the daily tour sheets.

A hydraulically operated choke will be installed prior to drilling out of the intermediate casing shoe.

6. TYPES AND CHARACTERISTICS OF THE PROPOSED MUD SYSTEM:

During this procedure we plan to use a Closed-Loop System and haul contents to the required disposal.

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1. GEOLOGIC NAME OF SURFACE FORMATION: Permian

2. ESTIMATED TOPS OF IMPORTANT GEOLOGICAL MARKERS:

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|-----------------------------------|---------|
| Top of Salt | 1,135' |
| Base of Salt / Top Anhydrite | 4,765' |
| Base Anhydrite | 5,010' |
| Lamar | 5,010' |
| Bell Canyon | 5,035' |
| Cherry Canyon | 6,080' |
| Brushy Canyon | 7,660' |
| Bone Spring Lime | 9,215' |
| 1 st Bone Spring Sand | 10,155' |
| 2 nd Bone Spring Shale | 10,345' |
| 2 nd Bone Spring Sand | 10,660' |
| 3 rd Bone Spring Carb | 11,130' |
| 3 rd Bone Spring Sand | 11,730' |
| Wolfcamp | 12,200' |
| TD | 12,420' |

3. ESTIMATED DEPTHS OF ANTICIPATED FRESH WATER, OIL OR GAS:

| Upper Permian Sands | 0- 400' | Fresh Water |
|-----------------------------------|---------|-------------|
| Cherry Canyon | 6,080' | Oil |
| Brushy Canyon | 7,660' | Oil |
| 1 st Bone Spring Sand | 10,155' | Oil |
| 2 nd Bone Spring Shale | 10,345' | Oil |
| 2 nd Bone Spring Sand | 10,660' | Oil |
| 3 rd Bone Spring Carb | 11,130' | Oil |
| 3 rd Bone Spring Sand | 11,730' | Oil |
| Wolfcamp | 12,200' | Oil |

No other Formations are expected to give up oil, gas or fresh water in measurable quantities. Surface fresh water sands will be protected by setting 10.75" casing at 830' and circulating cement back to surface.

11. WELLHEAD:

A multi-bowl wellhead system will be utilized.

After running the 10-3/4" surface casing, a 13-5/8" BOP/BOPE system with a minimum working pressure of 5000 psi will be installed on the wellhead system and will be pressure tested to 250 psi low followed by a 5000 psi pressure test. This pressure test will be repeated at least every 30 days, as per Onshore Order No. 2

The minimum working pressure of the BOP and related BOPE required for drilling below the surface casing shoe shall be 5000 psi.

The multi-bowl wellhead will be installed by vendor's representative(s). A copy of the installation instructions for the Stream Flo FBD100 Multi-Bowl WH system has been sent to the NM BLM office in Carlsbad, NM.

The wellhead will be installed by a third party welder while being monitored by WH vendor's representative.

All BOP equipment will be tested utilizing a conventional test plug. Not a cup or J-packer type.

A solid steel body pack-off will be utilized after running and cementing the intermediate casing. After installation the pack-off and lower flange will be pressure tested to 5000 psi.

Both the surface and intermediate casing strings will be tested as per Onshore Order No. 2 to at least 0.22 psi/ft or 1500 psi, whichever is greater.



Manufacturer: Midwest Hose & Specialty

Serial Number: SN#90067

Length: 35'

Size: OD = 8" ID = 4"

Ends: Flanges Size: 4-1/16*

WP Rating: 10,000 psi Anchors required by manfacturer: No

| Connection Data SheetRev.N-0Make up lossRev.Make up lossMake up lossPipe BodyImperialBox critical areaPipe D0 (D)7 5/8Pipe OD (D)7 5/8Pipe D1 (D)7 5/8Dift43.26Kg/mActual weight29.0Ib/ft43.26Kg/mPipe D0 (J)7.625Dift Dia.6.750Dift Dia.6.750Dift Dia.6.750Dift Dia.6.750Dift Dia.6.750Dift Dia.6.750Dift Dia.7.625Dift Dia.171.45Box critical area4.420In 22.852MmP2Joint load efficiency609%60Make up loss3.040Thread taperThread taperThread taperThread taperThread taperTotal dataState dataMil.Y.P.= Minimum Internal Yield Pressure of the connectionTorque RecommendedMin.Max.Dit.Max.Dit.Max.Dit.Dit.Note : Operational Max. torque can be applied for high torque a | 1etal Onc | FLU | SHMAX-III | L | Date | <u>1-Oct-</u> | 15 |
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| Connection Performance Properties Tensile Yield load 563.4 kips 2.506 kN M.I.Y.P. 7,574 psi 52.2 MPa Collapse strength 5,350 psi 36.9 MPa Note M.I.Y.P. = Minimum Internal Yield Pressure of the connection Torque Recommended Min. 8,700 ft-lb 11,700 N-m Opti. 9,700 ft-lb 13,100 N-m Max. 10,700 ft-lb 14,500 N-m Operational Max. 23,600 ft-lb 32,000 N-m | Number of th | reads | I | 5 thread | per in. | | |
| Connection Performance Properties Tensile Yield load 563.4 kips 2.506 kN M.I.Y.P. 7,574 psi 52.2 MPa Collapse strength 5,350 psi 36.9 MPa Note M.I.Y.P. = Minimum Internal Yield Pressure of the connection Torque Recommended Min. 8,700 ft-lb 11,700 N-m Opti. 9,700 ft-lb 13,100 N-m Max. 10,700 ft-lb 14,500 N-m Operational Max. 23,600 ft-lb 32,000 N-m | Connection | Borformanco | Properties | | | | |
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| M.I.Y.P. = Minimum Internal Yield Pressure of the connection Torque Recommended Min. 8,700 ft-lb 11,700 N-m Opti. 9,700 ft-lb 13,100 N-m Max. 10,700 ft-lb 14,500 N-m Operational Max. 23,600 ft-lb 32,000 N-m Note : Operational Max. torque can be applied for high torque application | Note | | 0,000 | 1 001 | 00.0 | | |
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| Opti.9,700ft-lb11,700N-mMax.10,700ft-lb13,100N-mOperational Max.23,600ft-lb32,000N-mNote : Operational Max. torque can be applied for high torque application | I OTQUE KEC | Ain Ain | 9 700 | TAIL | 11 700 | Nm | |
| Max. 10,700 ft-lb 14,500 N-m Operational Max. 23,600 ft-lb 32,000 N-m Note : Operational Max. torque can be applied for high torque application | <u>~</u> | nni. Inti | 9 700 | ft-10 | 13 100 | N-m | |
| Operational Max. 23,600 ft-lb 32,000 N-m Note : Operational Max. torque can be applied for high torque application | N | ipu | 10 700 | ft_ib | 14 500 | N-m | |
| Note : Operational Max. torque can be applied for high torque application | Operati | onal Max | 23 600 | ff-lb | 32 000 | N-m | |
| | Note : Operati | tional Max. tor | | ied for bi | ah tomue ann | lication | |
| | Note . Opera | | que can de appi | | gn torque app | | |
| | | | | | | | |

Issued on: 24 Jan. 2017

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Connection Data Sheet

100 % of pipe

100 % of pipe

| OD | Weight | Wall Th. | Grade | API Drift | Connection |
|-----------|-------------|-----------|-----------|-----------|--------------|
| 7 5/8 in. | 29.70 lb/ft | 0.375 in. | VM 110 HC | 6.750 in. | VAM® SLIJ-II |
| | | =S | | | OPERTIES |

| Nominal OD | 7.625 in. | Connection Type | Premium integral semi-flush |
|--------------------------------|---------------|------------------------|-----------------------------|
| Nominal ID | 6.875 in. | Connection OD (nom) | 7.711 in. |
| Nominal Cross Section Area | 8.541 sqin. | Connection ID (nom) | 6.820 in. |
| Grade Type | High Collapse | Make-up Loss | 4.822 in. |
| Min. Yield Strength | 110 ksi | Critical Cross Section | 5.912 sqin. |
| Max. Yield Strength | 140 ksi | Tension Efficiency | 69.2 % of pipe |
| Min. Ultimate Tensile Strength | 125 ksi | Compression Efficiency | 48.5 % of pipe |
| | | | • |

Internal Pressure Efficiency

External Pressure Efficiency

| CONNECTION PERFORM | ANCES |
|------------------------------|-------------|
| Tensile Yield Strength | 651 kib |
| Compression Resistance | 455 klb |
| Internal Yield Pressure | 9470 psi |
| Uniaxial Collapse Pressure | 7890 psi |
| Max. Bending Capacity | TDB |
| Max Bending with Sealability | 20 °/100 ft |

| FIELD TORQUE VALUES | | |
|----------------------|-------------|--|
| Min. Make-up torque | 11300 ft.lb | |
| Opti. Make-up torque | 12600 ft.lb | |
| Max. Make-up torque | 13900 ft.lb | |
| | | |

VAM® SLIJ-II is a semi-flush integral premium connection for all casing applications. It combines a near flush design with high performances in tension, compression and gas sealability.

VAM® SLIJ-II has been validated according to the most stringent tests protocols, and has an excellent performance history in the world's most prolific HPHT wells.



Do you need help on this product? - Remember no one knows $\mathsf{VAM}^{\textcircled{8}}$ like VAM

canada@vamfieldservice.com usa@vamfieldservice.com mexico@vamfieldservice.com brazil@vamfieldservice.com uk@vamfieldservice.com dubai@vamfieldservice.com nigeria@vamfieldservice.com angola@vamfieldservice.com china@vamfieldservice.com baku@vamfieldservice.com singapore@vamfieldservice.com australia@vamfieldservice.com

Over 140 VAM® Specialists available worldwide 24/7 for Rig Site Assistance

Other Connection Data Sheets are available at www.vamservices.com



Vallourec Group







MIDWEST

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HOSE AND SPECIALTY INC.

| INTERNAL | HYDROST | ATIC TES | r Repor | Π. |
|--|---|--------------------------------|--|--------------|
| Customer: CACTUS | | | P.O. Numb RIG #123 | er: |
| | HOSE SPECI | ICATIONS | Asset # N | 110761 |
| Type: CHOKE LIN | E | | Length: | 35' |
| I.D. <u>4</u> " | INCHES | 0.D. | 8" | INCHES |
| WORKING PRESSURE | TEST PRESSUR | E | BURST PRES | SURE |
| 10,000 <i>PSI</i> | 15,000 | PSi | | PSI |
| | COUP | LINGS | | |
| Type of End Fitting 4 1/16 10K F | LANGE | | | |
| Type of Coupling: SWEDGED | | MANUFACTL MIDWEST HO | JRED BY SE & SPECIA | llty |
| | PROC | EDURE | | |
| <u>Hose assembly</u> Time Held At | <u>r pressure tested w</u> TEST PRESSURE | ith water at ambie ACTUAL I | n <u>t lemperatura</u> . BURST PRESSU | RE: |
| 1 COMMENTS: SN#90087 Hose is cov | MIN. M10761 ered with staini | ess steel armo | ur cover and | <u>0 PSI</u> |
| wraped with insulation r | fire resistant v | ermiculite coat | ed fiberglas | eves |
| Date: 6/6/2011 | Tested By: BOBBY FINK | | Approved: MENDI J | ACKSON |



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mmmmmm

EOG 5M BOPE Diagram (6/10/14)



Comments: Hose assembly pressure tested with water at ambient temperature.

Tested By: Bobby Fink

Approved By: Mendi Jackson

Mendi Jackson

AFMSS

U.S. Department of the Interior BUREAU OF LAND MANAGEMENT

SUPO Data Report

10/16/2017

Highlighted data reflects the most

recent changes

Show Final Text

APD ID: 10400009092

Operator Name: EOG RESOURCES INCORPORATED

Well Name: BARLOW 34 FED COM

Well Number: 706H Well Work Type: Drill

Submission Date: 03/14/2017

Well Type: OIL WELL

Section 1 - Existing Roads

Will existing roads be used? YES

Existing Road Map:

BARLOW 34 FED COM 706H vicinity 03-09-2017.pdf

Existing Road Purpose: ACCESS, FLUID TRANSPORT

ROW ID(s)

ID:

Do the existing roads need to be improved? NO

Existing Road Improvement Description:

Existing Road Improvement Attachment:

Section 2 - New or Reconstructed Access Roads

Will new roads be needed? YES

New Road Map:

Barlow_34_Fed_Com_infrastructure_03-09-2017.pdf BARLOW_34_FED_COM_706H_well_site_03-09-2017.pdf

New road type: RESOURCE

Length: 2803 Feet Width (ft.): 24

Max slope (%): 2

Max grade (%): 20

Army Corp of Engineers (ACOE) permit required? NO

ACOE Permit Number(s):

New road travel width: 24

New road access erosion control: Newly constructed or reconstructed roads will be constructed as outlined in the BLM "Gold Book" and to meet the standards of the anticipated traffic flow and all anticipated weather requirements as needed. Construction will include ditching, draining, crowning and capping or sloping and dipping the roadbed as necessary to provide a well-constructed and safe road. We plan to grade and water twice a year. **New road access plan or profile prepared?** NO

New road access plan attachment:

Row(s) Exist? NO



Barlow 34 Fed Com #706H





United States Department of the Interior

BUREAU OF LAND MANAGEMENT CARLSBAD FIELD OFFICE 620 E. GREENE ST. CARLSBAD, NM 88220 BLM_NM_CF0_APD@BLM.GOV



In Reply To: 3160 (Office Code) [NMNM02965A]

05/18/2017

Attn: STAN WAGNER EOG RESOURCES INC 1111 BAGBY SKY LOBBY2 HOUSTON, TX 77002

Re: Receipt and Acceptability of Application for Permit to Drill (APD)

FEDERAL - NMNM02965A

Well Name / Number: Legal Description: County, State: Date APD Received: BARLOW 34 FED COM / 706H T26S, R33E, SEC 34, LOT 3 LEA, NM 03/14/2017

Dear Operator:

The BLM received your Application for Permit to Drill (APD), for the referenced well, on 03/14/2017. The BLM reviewed the APD package pursuant to part III.D of Onshore Oil and Gas Order No.1 and it is:

1. Incomplete/Deficient (The BLM cannot process the APD until you submit the identified items within 45 calendar days of the date of this notice or the BLM will return your APD.)

| | Well Plat |
|---|--|
| ~ | Drilling Plan |
| ~ | Surface Use Plan of Operations (SUPO) |
| | Certification of Private Surface Owner Access Agreement |
| | Bonding |
| | Onsite (The BLM has scheduled the onsite to be on) |
| | This requirement is exempt of the 45-day timeframe to submit deficiencies. This requirement will be satisfied on the date of the onsite. |
| | Other |

[Please See Addendum for further clarification of deficiencies]