

HOBBS OCD
JUL 26 2016
RECEIVED

RECEIVED
JUL 26 2016
HOBBS OCD

Form 3160-3
(March 2012)

FORM APPROVED
OMB No. 1004-0137
Expires October 31, 2014

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

| | | | |
|---|--|--|-----------------|
| 1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER | | ATS-14-1001 | |
| 1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other | | <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone | |
| 2. Name of Operator CONOCOPHILLIPS COMPANY (217817) | | | |
| 3a. Address 600 N. DAIRY ASHFORD ROAD HOUSTON, TX 77079 | | 3b. Phone No. (include area code) 281 206-5282 | |
| 4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface 316' FNL & 2310' FEL 25-26S-32E At proposed prod. zone 330' FSL & 2310' FEL 36-26S-32E | | 10. Field and Pool, or Exploratory WC WOLFCAMP (98081) | |
| 14. Distance in miles and direction from nearest town or post office* 22 AIR MILES NE OF ORLA, TX & 25 AIR MILES SW OF JAL, NM | | 12. County or Parish LEA | 13. State NM |
| 15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) SHL: 316' BHL: 330' | 16. No. of acres in lease NMLC-069515: 1,080.00 E066220006: 259.76 | 17. Spacing Unit dedicated to this well W2E2 SEC. 25 and NWNE & LOT 2 SEC. 36 = 224.96 ACRES | |
| 18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. SHL: 33'(WAR 14H, 16H) BHL: 888' (NEMU 55) | 19. Proposed Depth TVD: 12,355' MD: 19,035' | 20. BLM/BIA Bond No. on file ES0085 | |
| 21. Elevations (Show whether DF, KDB, RT, GL, etc.) 3,134' UNGRADED | 22. Approximate date work will start* 01/21/2015 | 23. Estimated duration 3 MONTHS | |

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, must be attached to this form:

- Well plat certified by a registered surveyor.
- A Drilling Plan.
- A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- Operator certification
- Such other site specific information and/or plans as may be required by the BLM.

| | | |
|--|--|--------------------|
| 25. Signature <i>Kristina Mickens</i> | Name (Printed/Typed) KRISTINA MICKENS | Date 07/30/2014 |
|--|--|--------------------|

| |
|---------------------------------------|
| Title SENIOR REGULATORY SPECIALIST |
|---------------------------------------|

| | |
|--|-------------------------------------|
| Approved by (Signature) <i>/Cody Layton</i> | Name (Printed/Typed) JUL 14 2016 |
|--|-------------------------------------|

| | |
|------------------------|---------------------------------|
| Title FIELD MANAGER | Office CARLSBAD FIELD OFFICE |
|------------------------|---------------------------------|

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

APPROVAL FOR TWO YEARS

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

(Continued on page 2)

*(Instructions on page 2)

Carlsbad Controlled Water Basin

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

Approval Subject to General Requirements
& Special Stipulations Attached

K2
07/26/16

Drilling Program

ConocoPhillips Company

War Hammer 25 Federal COM W1 15H

316' FNL 2310' FEL (SHL)

Sec 25-T26S-R32E

330' FSL 2310' FEL (BHL)

Sec 36-T26S-R32E

Lea County, New Mexico

1. Estimated tops of geological formations:

Geologic Formation at surface: Quaternary

| Formation | TVD (ft) |
|--------------------|----------|
| Base Fresh Water | 300 |
| Rustler | 600 |
| Top Salt | 1050 |
| Base Salt | 4689 |
| * Cherry Canyon | 5671 |
| * Brushy Canyon | 7368 |
| * Bone Spring Carb | 8865 |
| * Avalon | 9071 |
| * 1st Bone Spring | 9758 |
| * 2nd Bone Spring | 10141 |
| * 3rd Bone Spring | 10654 |
| * Wolfcamp | 11835 |

2. Estimated depth/thickness of freshwater and/or hydrocarbons:

Water:

Fresh water is anticipated above the Rustler at 300' and will be protected by surface casing at 950' and cemented to surface.

Hydrocarbons:

Oil and gas are anticipated in the formations annotated above (*). These zones will be isolated as necessary.

3. Pressure Control Equipment:

*Please see attached BOPE and Choke Manifold Schematic for more detail.

A 13-5/8" BOP system will be installed and tested prior to drilling out of the surface casing shoe. The BOP system will be utilized to drill the intermediate and production hole sections, and will be tested per BLM Onshore Oil & Gas Order No. 2 per each hole section specified in the final column of the table in section four.

Pressure tests will be conducted at the initial installation of the BOPE and again if needed 30 days from the initial test as per BLM Onshore Oil and Gas Order No. 2. BOPE controls will be installed prior to drilling under the surface casing and will be used until the completion of drilling operations. The intermediate 1 and intermediate 2 string will be tested per 5M working system requirements. The production interval will be tested per 10M working system requirements.

ConocoPhillips Company requests a variance to use a flexible line between the BOP and the choke. The testing and manufacturing specifications for this equipment is attached. The line will be kept as straight as possible with minimum turns.

4. Proposed Casing Program

*All tubulars used for this design will be new.

| Hole Size (in) | Casing (in) | Wt/Ft | Grade | Connection | Depth (ft) | Depth (ftTVD) | Depth (ftMD) | BOPE System |
|----------------|-------------|-------|-------|------------|-------------------------|---------------|--------------|-------------|
| 17 1/2 | 13 3/8 | 54.5 | J-55 | BTC | 0-950 | 950 | 950 | N/A |
| 12 1/4 | 9 5/8 | 40.0 | L-80 | BTC | 0-4825 | 4825 | 4825 | 5M |
| 8 3/4 | 7 5/8 | 33.7 | P-110 | Wedge 523 | 0-12150 | 12133 | 12150 | 5M |
| 6 5/8 | 5 | 21.4 | P-110 | BTC | 0-11650 | 11650 | 11650 | 10M |
| 6 5/8 | 4 1/2 | 15.1 | P-110 | BTC | 11650- 19009 | 12355 | 19009 | 10M |

19,035

Drilling Program
ConocoPhillips Company
 War Hammer 25 Federal COM W1 15H
 316' FNL 2310' FEL (SHL)
 Sec 25-T26S-R32E
 330' FSL 2310' FEL (BHL)
 Sec 36-T26S-R32E
 Lea County, New Mexico

Minimum casing design factors: Burst 1.0, Collapse:1.125, Tensile Strength 1.6 dry / 1.8 buoyant

| Hole Size (in) | Casing (in) | Burst | Collapse | Tension | Thread & Cplg. OD (in) | Minimum Clearance (in) |
|----------------|-------------|-------|----------|---------|------------------------|------------------------|
| 17 1/2 | 13 3/8 | 6.07 | 2.51 | 20.39 | 14.375 | 1.5625 |
| 12 1/4 | 9 5/8 | 2.18 | 1.17 | 5.84 | 10.625 | 0.8125 |
| 8 3/4 | 7 5/8 | 1.85 | 1.34 | 3.12 | 7.775 | 0.4875 |
| 6 5/8 | 5 | 1.80 | 2.32 | 3.33 | 5.563 | 0.5310 |
| 6 5/8 | 4 1/2 | 1.80 | 1.79 | 3.37 | 5.000 | 0.8125 |

5. Proposed Cementing Program

| | | Volume (sx) | Type | Weight (ppg) | Yield (ft3/sx) | Water (Gal/sx) | Excess | Cement Top |
|---|------|-------------|-------------|--------------|----------------|----------------|--------|------------|
| Surface | Lead | 530 | Class C | 13.5 | 1.73 | 9.14 | 100% | Surface |
| | Tail | 310 | Class C | 14.8 | 1.35 | 6.39 | 100% | 650ft |
| Additives (BWOB): 4% Extender, 2% CaCl2, 0.125 lb/sx LCM, 0.2% Anti-Foam | | | | | | | | |
| Intermediate 1 | Lead | 1430 | Class C | 12.9 | 1.97 | 10.88 | 100% | Surface |
| | Tail | 380 | Class C | 14.8 | 1.35 | 6.19 | 100% | 4325ft |
| Additives (BWOB): 4% Extender, 2% CaCl2, 0.125 lb/sx LCM, 0.2% Anti-Foam | | | | | | | | |
| Intermediate 2 | Lead | 430 | Tuned Light | 9.5 | 3.45 | 14.38 | 100% | 4325ft |
| | Tail | 140 | Class C | 13.2 | 1.61 | 8.20 | 100% | 11650ft |
| Additives (BWOB): 0.4% Dispersant, 1 lb/sx Salt, 0.1% Retarder, 0.5% Fluid Loss, 3 lb/sx LCM | | | | | | | | |
| Production | Lead | | | | | | | |
| | Tail | 570 | Class H | 15.0 | 2.61 | 6.00 | 30% | 11650ft |
| Additives (BWOB): 0.4% Retarder, 0.2% Anti-foam, 0.7 Anti-gelling, 0.4% Fluid Loss, 2% Expanding Agent, 5.0% Silica | | | | | | | | |

6. Proposed Fluids Program

| Depth (ft) | Type | Mud Weight (ppg) | Viscosity | Fluid Loss |
|----------------|---------------|------------------|-----------|------------|
| 0 to 950 | Spud Mud | 8.4 - 9.3 | 32-36 | NC |
| 950 to 4825 | Brine | 9.3 - 10.5 | 28-30 | ≤5 |
| 4825 to 12150 | Cut Brine | 8.6 - 9.1 | 30-40 | ≤5 |
| 12150 to 19034 | Oil Based Mud | 12.0 - 14.0 | 30-40 | ≤5 |

Sufficient fluid volume, weight material, and additives will be available onsite at all times. Visual and electronic mud monitoring equipment will be in place to indicate gain or loss.

7. Formation Evaluation Program

Samples: Dry samples taken 30' from intermediate casing point to TD. GC Tracers KOP to TD.
 Logging: GR/Neutron from base salt to surface. GR from 200' above KOP to TD. Shuttle log in the lateral.

8. Anticipated Wellbore Conditions

| | Value | Comments |
|---------------------------------------|---|--|
| Bottom Hole Pressure (psi) | 6919 | Assumes 0.78psi/ft - 0.22psi/ft Partial Evacuation |
| Bottom Hole Temperature (°F) | 196 | Assumes 0.01deg/100ft |
| Abnormal Pressure / Potential Hazards | Losses below Delaware will be mitigated with lost circulation material. Potential overpressure below the top of Wolfcamp will be mitigated with mud weight. If H2S is encountered the operator will comply with the provisions of Onshore Oil and Gas Order No. 6. All personnel will be familiar with all aspects of safe operation being used to drill this well. | |

Drilling Program

ConocoPhillips Company

War Hammer 25 Federal COM W1 15H

316' FNL 2310' FEL (SHL)

Sec 25-T26S-R32E

330' FSL 2310' FEL (BHL)

Sec 36-T26S-R32E

Lea County, New Mexico

9. Directional Plan:

| Kick off Point (ft) | Landing TVD (ft) | Landing MD (ft) | Total Measured Depth (ft) |
|---------------------|------------------|-----------------|---------------------------|
| 11783 | 12355 | 12683 | 19034 |

*ConocoPhillips proposes to drill a vertical wellbore to kick off point and then drill horizontally to TD. Please see the attached directional plan for more detail.

10. Spudder Rig and Skid Operations.

The reasons for using the spudder rig to drill and pre-set surface casing are: Time & Cost Saving.

The "Pinnergy #1" Rig will be used to drill the surface hole and pre-set surface casing on all of the wells in the same pad. Once each surface hole section has been drilled, it will be cased and cemented according to all applicable rules and regulations (Onshore Orders). The wellhead will be nipped up and tested as soon as 13-3/8" surface casing is cut off after the applicable WOC time has been reached. A blind flange of the same pressure rating as the wellhead will be utilized to seal the wellbore on all casing strings. Pressure will be monitored via wing valves on each wellhead section and a means for intervention will be maintained while the drilling rig is not over the well. Spudder rig operation is expected to take 7-10 days for a quad pad and 4-6 days for a dual pad. The BLM will be contacted / notified 24 hours prior to commencing spudder rig operations.

Drilling operation will start with a big Drilling Rig (H&P Flex 3 rig type) and an approved BOP stack will be nipped up and tested on the wellhead before drilling operations resumes on each well. The rig will skid between the wells until each well's section has been drilled as planned (see "Skid-Batch Drilling Operations" Attachment). The BLM will be contacted / notified 24 hours before the big rig moves back on the location.

Once "Spudder Rig" has left the location, The "big Drilling Rig" will be on location within 90 days to drill each well in the Pad as batch drilling operations.

SKID / BATCH DRILLING OPERATIONS – “QUAD PAD”

SKID / BATCH DRILLING OPERATION PLAN FOR “QUAD PAD”:

1. ALL SURFACE CASINGS PRE-SET (Pre-set with “Spudder Rig”).
 2. WELL 1 / WolfCamp 3. 9-5/8” CASING – WBM.
 3. WELL 2 / WolfCamp 2. 9-5/8” CASING – WBM.
 4. WELL 3 / WolfCamp 1. 9-5/8” CASING – WBM.
 5. WELL 4 / BS 3rd Carb. 9-5/8” CASING – WBM.
 6. WELL 4 / BS 3rd Carb. 5-1/2” CASING – WBM.
 7. WELL 3 / WolfCamp 1. 7-5/8” CASING – WBM.
 8. WELL 2 / WolfCamp 2. 7-5/8” CASING – WBM.
 9. WELL 1 / WolfCamp 3. 7-5/8” CASING – WBM.
 10. WELL 1 / WolfCamp 3. 5”x4-1/2” CASING – OBM.
 11. WELL 2 / WolfCamp 2. 5”x4-1/2” CASING – OBM.
 12. WELL 1 / WolfCamp 1. 5”x4-1/2” CASING – OBM.
 13. RIG RELEASE.
- “INTERMEDIATE 1” BATCH
- “INTERMEDIATE 2” BATCH
- “PRODUCTION” BATCH

March 05 2014



Size: 7.625 in.
Wall: 0.430 in.
Weight: 33.70 lbs/ft
Grade: P110
Min. Wall Thickness: 87.5 %

Connection: Wedge 523™
Casing/Tubing: CAS

| PIPE BODY DATA | | | |
|----------------------------|------------------------|----------------------------|-----------------------|
| GEOMETRY | | | |
| Nominal OD | 7.625 in. | Nominal Weight | 33.70 lbs/ft |
| | | Standard Drift Diameter | 6.640 in. |
| Nominal ID | 6.765 in. | Wall Thickness | 0.430 in. |
| | | Special Drift Diameter | N/A |
| Plain End Weight | 33.07 lbs/ft | | |
| PERFORMANCE | | | |
| Body Yield Strength | 1069 x 1000 lbs | Internal Yield | 10860 psi |
| | | SMYS | 110000 psi |
| Collapse | 7870 psi | | |
| WEDGE 523™ CONNECTION DATA | | | |
| GEOMETRY | | | |
| Connection OD | 7.775 in. | Connection ID | 6.675 in. |
| | | Make-Up Loss | 4.060 in. |
| Critical Section Area | 7.057 sq. in. | Threads per in. | 3.06 |
| PERFORMANCE | | | |
| Tension Efficiency | 72.6 % | Joint Yield Strength | 776 x 1000 lbs |
| | | Internal Pressure Capacity | 10860 psi |
| Compression Strength | 881 x 1000 lbs | Compression Efficiency | 82.4 % |
| | | Bending | 48 °/100 ft |
| External Pressure Capacity | 7870 psi | | |
| MAKE-UP TORQUES | | | |
| Minimum | 9900 ft-lbs | Target | 11900 ft-lbs |
| | | Maximum (⚠) | 17300 ft-lbs |
| OPERATIONAL LIMIT TORQUES | | | |
| Operating Torque | 42000 ft-lbs | Yield Torque | 63000 ft-lbs |
| BLANKING DIMENSIONS | | | |
| Blanking Dimensions | | | |

* If you need to use torque values that are higher than the maximum indicated, please contact a local Tenaris technical sales representative.

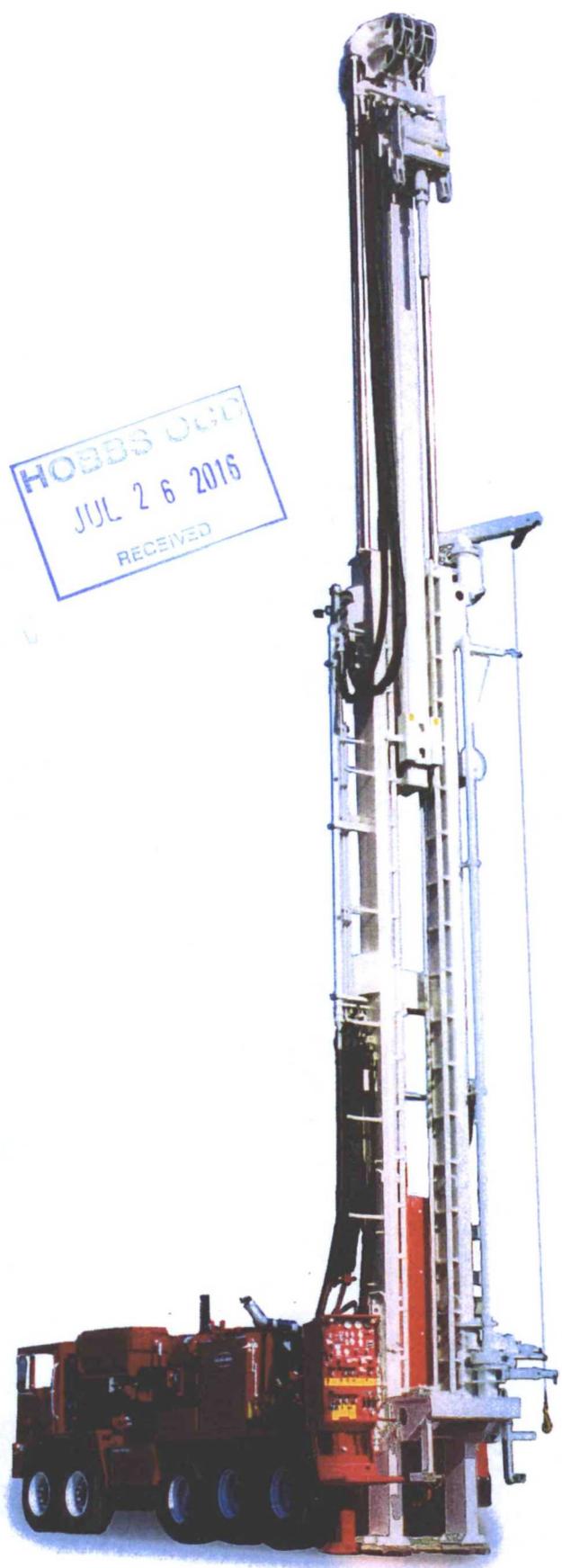


T130XD

ROTADRILL

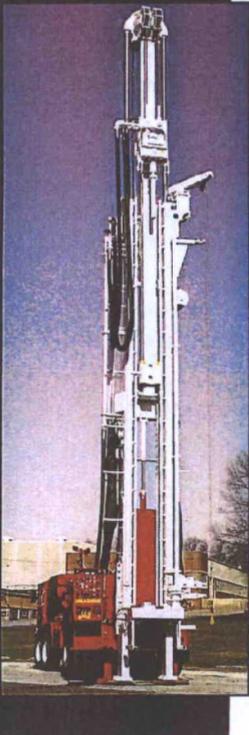
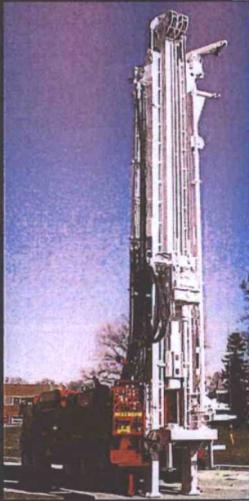
A heavy duty, heavy hoist carrier mounted drill rig. The T130XD utilizes innovative Telemast technology to achieve Range III pipe capability in a compact over the road package.

- Equipped with Schramm Telemast
- 50' head travel handles Range III casing
- 43' transport length with less than 6' overhang
- 130,000 lbs hoist
- No sub-structure required
- Mast slides to clear BOP



CARRIER MOUNTED RIG EQUIPPED WITH TELEMAST

T130XD ROTADRILL SPECIFICATIONS



Engine

Detroit Diesel DDC/MTU 12V-2000TA DDEC
760 bhp (567 kw) @ 1800 rpm

Standard Compressor

Variable volume two-stage, oil flooded
rotary screw
1350 cfm @ 350 psi (38.0 cu. m/min @ 24.1 bar),
up to 1150 cfm @ 500 psi (32.6 cu. m/min @
35.5 bar)

Cooling

Three core, side by side type
130°F (54.4°C) ambient design temp.

Dimensions

OA length, transport - 42' 9" (13 m)
OA width - 8' 6" (2.6 m)
OA height, transport - 13' 6" (4.1 m)
Weight std. rig - 92,000 lb (41,723 kg)

Carrier

CCC 8x4 Carrier
Cat C-13, 410 hp @ 2100 rpm engine
44,000 lb (19,955 kg) front axles
21,500 lb (9,750 kg) pusher axle
52,000 lb (23,587 kg) rear axles
117,500 lb (53,298 kg) GVWR

Top Head Rotation

Ductile iron, single reduction oil bath gearbox
with two disc valve type hydraulic motors.
Infinitely variable rotation speed.
3.5:1 Reduction Gear
3" diameter (76.2 mm) spindle thru hole
0-143 rpm, infinitely variable
106,600 in-lb (12,045 N·m) torque

Feed System

Top head is driven by hydraulic traverse
cylinders through special wire rope and large
diameter Nylatron sheaves. As top head is raised,
the inner mast section extends by a ratio of 1:2
until it reaches its fully extended position at 50'
of clear head travel.

42' 9" (13 m) OA height (retracted)
69' 9" (21.65 m) OA height (extended)
50' (15.24 m) top head travel
130,000 lb (59,090 kg) pullup
8 fpm (2.44 mpm) pullup speed-slow feed
125 fpm (38.1 mpm) pullup speed-rapid feed
32,000 lb (14,545 kg) pulldown capacity
26 fpm (7.92 mpm) pulldown speed-slow feed
270 fpm (82.3 mpm) pulldown speed-rapid feed
52' 10" (16.1 m) working clearance mast spindle
to table (sub removed)
48' 10" (14.9 m) working clearance mast sub to
table

Drill Pipe & Casing

30' x 4-1/2" OD x 2-7/8" IF breakout style drill pipe,
range III casing
28" (711 mm) max. diameter through slipbox

Mast

Telescoping construction permits long head travel
and working height, yet short OA length in
transport position.

32" (813 mm) cylinder operated slide
Free-standing mast
hydraulically operated adjustable mast feet
hydraulically retracted slip box
20" (508 mm) table opening w/o slips

Winch

Planetary with spring applied hydraulic
release brake
9,600 lb (4,354 kg) bare drum line pull
151 fpm (46 mpm) bare drum line speed

Hydraulic System

Open loop load sensing system
7 micron filtration
200 gallon (760 l) system capacity

Water Injection System

25 gpm (95 lpm) water pump
Electric foam pump

Outriggers

Front - (1) 5" bore x 41" stroke
(127 mm x 1.4 m)
Rear - (2) 5" bore x 41" stroke
(127 mm x 1.4 m)

Tool Lubricator

Positive displacement, air pump operated
piston type pump variable to 5.0 gph
(18.9 lph)

Lighting & Electrical System - 24 Volt

Mast - (4) 60 watt floodlights
Control Panel - (2) 60 watt gauge floodlights
Work - (3) 70 watt halogen

Accessories

Pipe handling sling, 60" breakout wrench,
and 50 hour maintenance kit.

Optional Equipment

Many modifications are available including:
Third driving axle
Reverse circulation package
Tilt-out top head
High capacity top head
Single pipe loading arm
Auxiliary winch controls
Auxiliary air supply

These specifications are based on theoretical calculations and industry standards. Performance will vary according to actual drilling conditions. Schramm, Inc. continuously improves its products and reserves the right to change specifications, design, prices and terms at any time without notification or obligation. These specifications do not extend any warranty, expressed or implied, nor do they or Schramm, Inc. make or imply any representation of the machine's merchantability or fitness for a particular purpose.



www.schramm.com

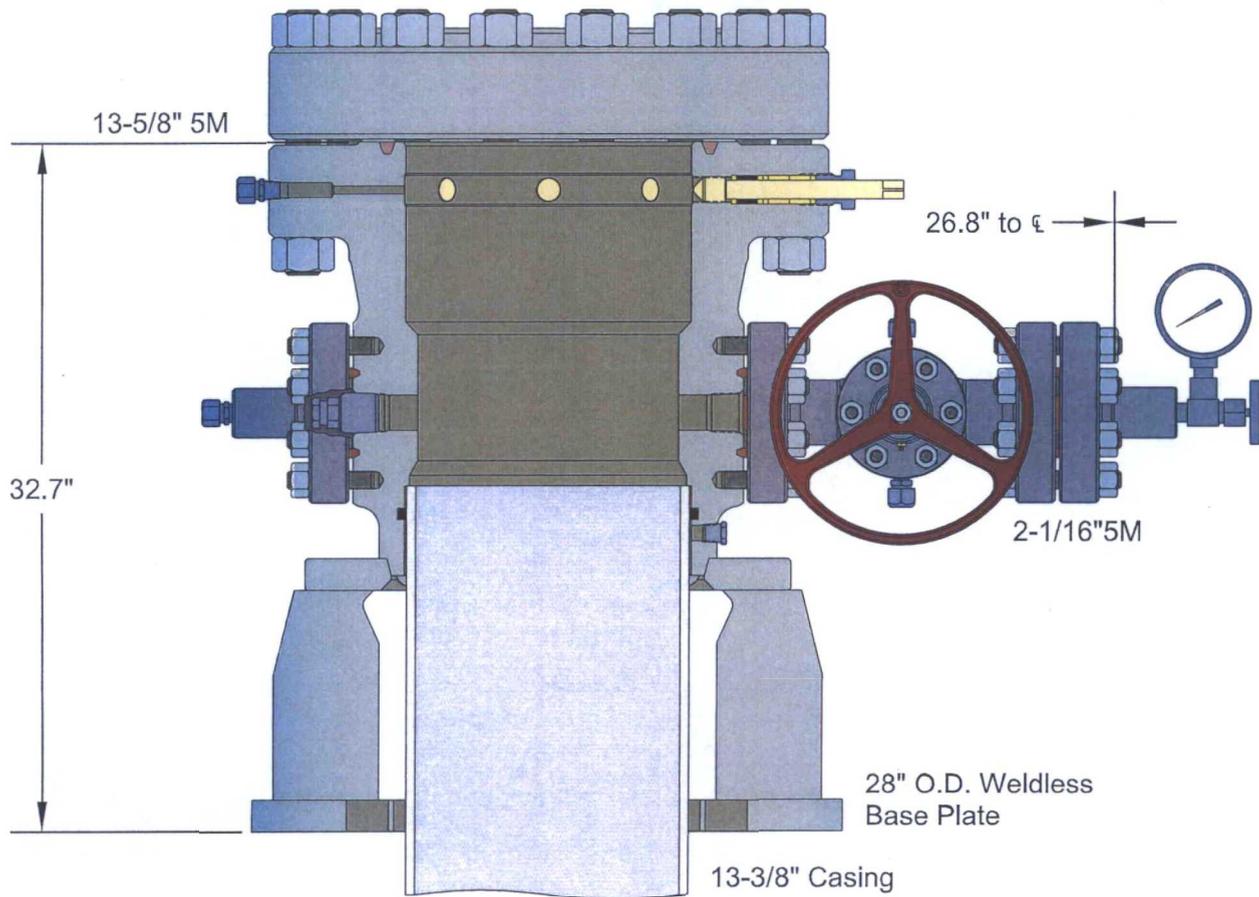
SCHRAMM, INC.

800 E. Virginia Avenue
West Chester, PA 19380 USA

Phone: 610-696-2500

Fax: 610-696-6950

E-mail: schramm@schramm.com



ALL DIMENSIONS ARE APPROXIMATE

This drawing is the property of GE Oil & Gas Pressure Control LP and is considered confidential. Unless otherwise approved in writing, neither it nor its contents may be used, copied, transmitted or reproduced except for the sole purpose of GE Oil & Gas Pressure Control LP.

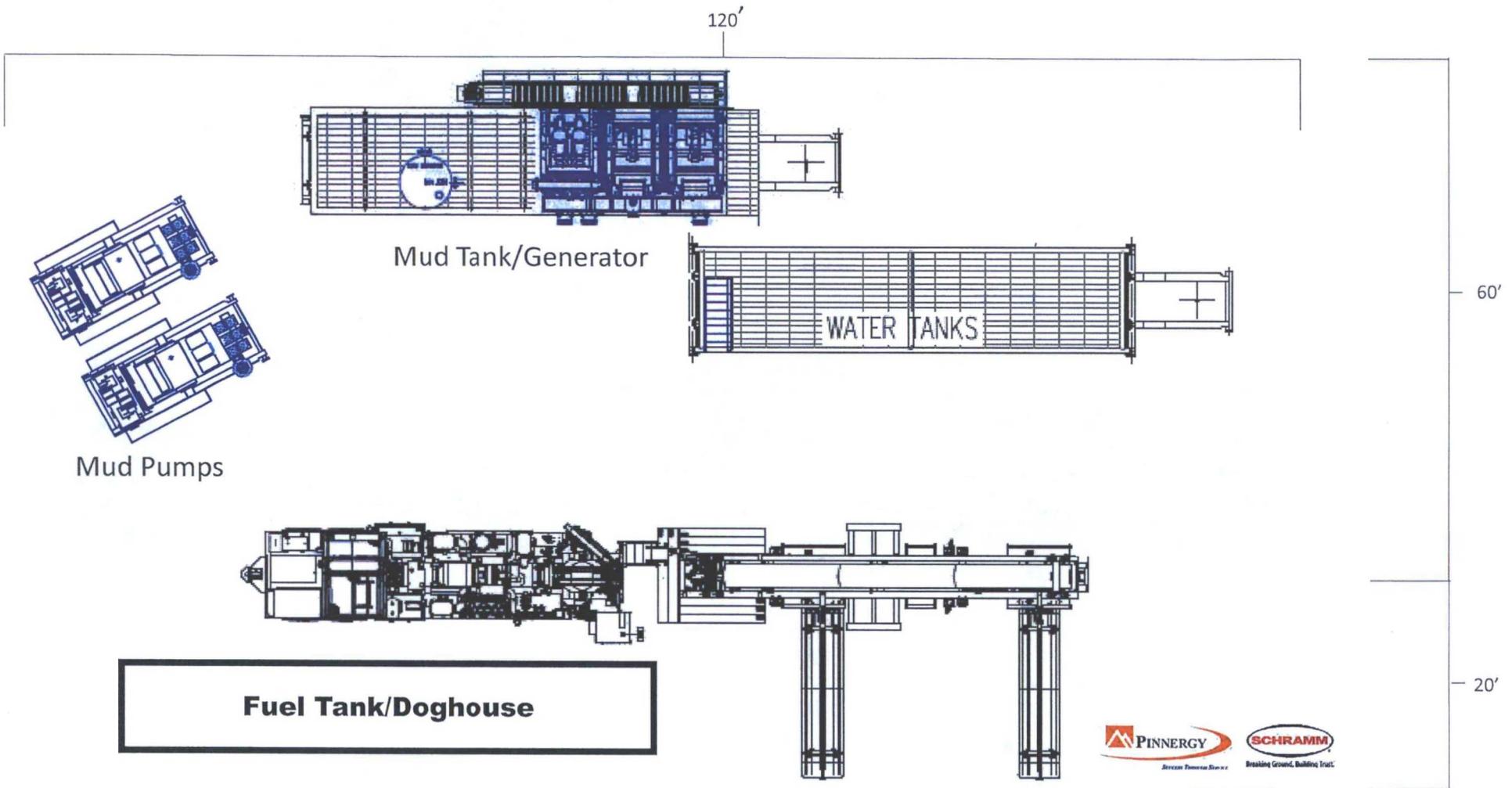
CONOCOPHILLIPS
SPUDDER RIG

HSG,WG,SH2-LWR,13-5/8 5M X 13-3/8 SOW,W/2 2-1/16 5M FP
BASEPLATE,WELDLESS,28 OD
FLANGE,BLIND, 13-5/8 5M

| | | |
|-------|-----|---------|
| DRAWN | VJK | 19AUG14 |
| APPRV | KN | 16AUG14 |

FOR REFERENCE ONLY

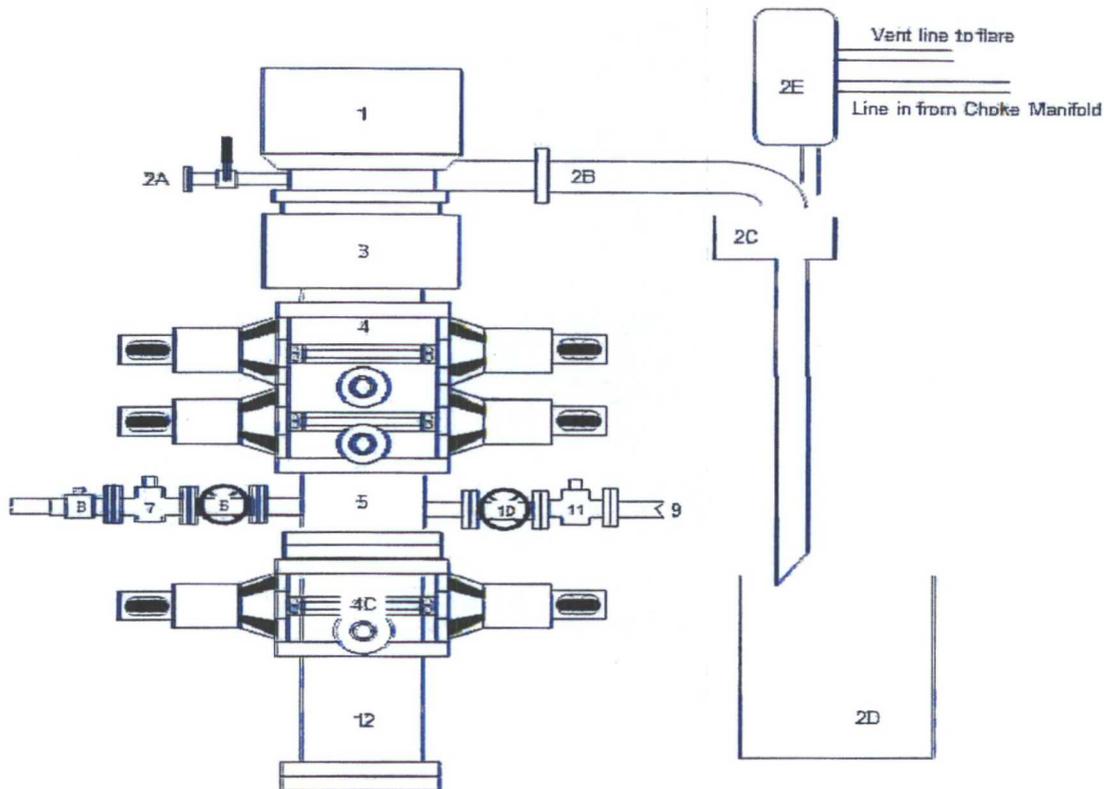
DRAWING NO. PE00624



T130XD

"Pinnergy #1" Spudder Rig Layout

BLOWOUT PREVENTER ARRANGEMENT - H&P486
 10M System per Onshore Oil and Gas Order No. 2 utilizing 10M Rated Equipment

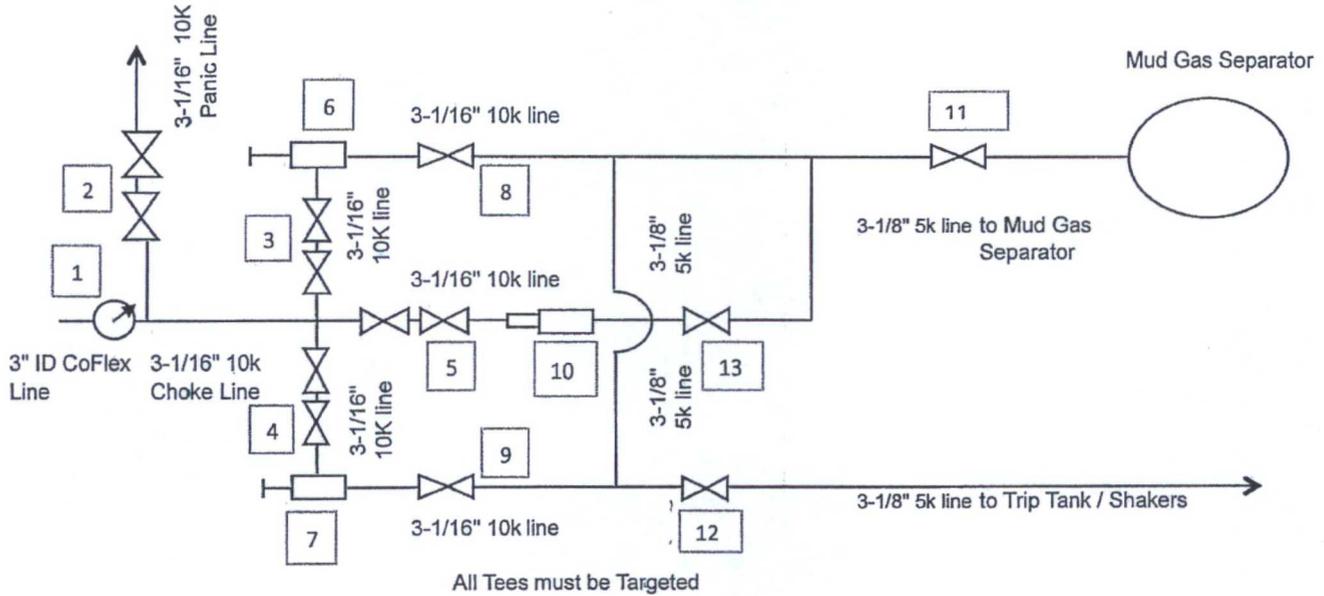


| Item | Description |
|------|---|
| 1 | Rotating Head |
| 2A | Fill up Line and Valve |
| 2B | Flow Line (8") |
| 2C | Shale Shakers and Centrifuges |
| 2D | Cuttings Bins for Zero Discharge |
| 2E | Mud Gas Separator with vent line to flare and return line to mud system |
| 3 | Annular Preventer (13-5/8", 10M) |
| 4 | Double Ram (13-5/8", 10M, Bline Ram bottom x Pipe Ram top) |
| 5 | Drilling Spool (13-5/8" 10M) |
| 4C | Single Ram (13-5/8", 10M, Pipe Rams) |
| 6 | Kill Line Valve, Inner (4-1/16", 10k psi WP) |
| 7 | Kill Line Valve, Outer (4-1/16", 10k psi WP) |
| 8 | Kill Line Check Valve (4-1/16, 10k psi WP) |
| 9 | Choke Line (4-1/16", 10k psi WP) |
| 10 | Choke Line Valve, Inner (4-1/16", 10k psi WP) |
| 11 | Choke Line Valve, Outer, (4-1/6" 10k psi WP HCR) |
| 12 | Drilling Spool Adapter (13-5/8", 10M) |

Drawn by: James Chen P.E., Drilling Engineer, ConocoPhillips Company, April 11, 2014

CHOKE MANIFOLD ARRANGEMENT - HP486

10M System per Onshore Oil and Gas Order No. 2 utilizing 5M/10M Equipment



| Item | Description |
|------|--|
| 1 | Pressure Gauge |
| 2 | 2 Gate Valves, 3-1/16" 10M |
| 3 | 2 Gate Valves, 3-1/16" 10M |
| 4 | 2 Gate Valves, 3-1/16" 10M |
| 5 | 2 Gate Valves, 3-1/16" 10M |
| 6 | Upper Manual Adjustable Choke, 4-1/16", 10M |
| 7 | Lower Manual Adjustable Choke, 4-1/16", 10M |
| 8 | Gate Valve, 3-1/16" 10M |
| 9 | Gate Valve, 3-1/16" 10M |
| 10 | Remote Controlled Hydraulic Adjustable Choke, 4-1/16", 10M |
| 11 | Gate Valve, 3-1/8" 5M |
| 12 | Gate Valve, 3-1/8" 5M |
| 13 | Gate Valve, 3-1/16" 10M |

The 10M Choke Manifold & Valves will be tested to rated working pressure.

Drawn by:
 James Chen, P.E.
 Drilling Engineer, ConocoPhillips Company
 Date: June 25th-2012

Closed Loop System Design, Operating and Maintenance, and Closure Plan

ConocoPhillips Company
Well: WAR HAMMER 25 FEDERAL COM W1 15H
Location: Sec. 25, T26S, R32E
Date: 7/10/2014

ConocoPhillips proposes the following plan for design, operating and maintenance, and closure of our proposed closed loop system for the above named well:

1. We propose to use a closed loop system with steel pits, haul-off bins, and frac tanks for containing all cuttings, solids, mud, water, brine, and liquids. We will not dig a pit, nor will we use a drying pad, nor will we build an earth pit above ground level, nor will we dispose of or bury any waste on location.

All drilling waste and all drilling fluids (fresh water, brine, mud, cuttings, drill solids, cement returns, and any other liquid or solid that may be involved) will be contained on location in the rig's steel pits or in haul-off bins or in frac tanks as needed. The intent is as follows:

- We propose to use the rigs' steel pits for containing and maintaining the drilling fluids.
- We propose to remove cuttings and drilled solids from the mud by using solids control equipment and to contain such cuttings and drilled solids on location in haul-off bins.
- We propose that any excess water that may need to be stored on location will be stored in tanks.

The closed loop system components will be inspected daily by each tour and any needed repairs will be made immediately. Any leak in the system will be repaired immediately, and any spilled liquids and/or solids will be cleaned immediately, and the area where any such spill occurred will be remediated immediately.

2. Cuttings and solids will be removed from location in haul-off bins by an authorized contractor and disposed of at an authorized facility. For this well, we propose the following disposal facility:

R-360 Inc.
4507 West Carlsbad Hwy, Hobbs, NM 88240,
P.O. Box 388; Hobbs, New Mexico 88241
Toll Free Phone: 877.505.4274, Local Phone Number: 432.638.4076

The physical address for the plant where the disposal facility is located is Highway 62/180 at mile marker 66 (33 miles East of Hobbs, NM and 32 miles West of Carlsbad, NM).

The Permit Number for R-360 is NM-01-0006.

A photograph showing the type of haul-off bins that will be used is attached.

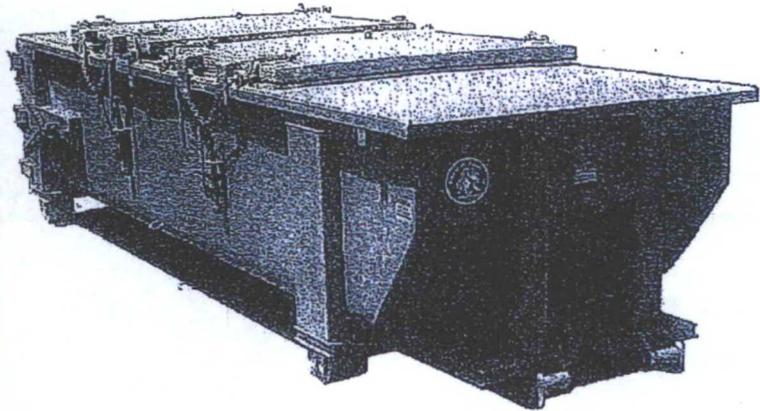
3. Mud will be transported by vacuum truck and disposed of at R-360 Inc. at the facility described above.
4. Fresh Water and Brine will be hauled off by vacuum truck and disposed of at an authorized salt water disposal well. We propose the following for disposal of fresh water and brine as needed:
 - Nabors Well Services Company, 3221 NW County Rd; Hobbs, NM 88240, PO 5208 Hobbs, NM, 88241, Permit SWD 092. (Well Location: **Section 3, T19S R37E**)
 - Basic Energy Services, P.O. Box 1869; Eunice, NM 88231 Phone Number: 575.394.2545, Facility located at Hwy 18, Mile Marker 19; Eunice, NM.

Jason Levinson
Drilling Engineer
Office: 281-206-5334
Cell: 281-682-2783

SPECIFICATIONS

FLOOR: 3/16" PL one piece
 CROSS MEMBER: 3 x 4.1 channel 16" on center
 WALLS: 3/16" PL solid welded with tubing top, inside liner hooks
 DOOR: 3/16" PL with tubing frame
 FRONT: 3/16" PL slant formed
 PICK UP: Standard cable with 2" x 6" x 1/4" rails, gusset at each crossmember
 WHEELS: 10" DIA x 9" long with rease fittings
 DOOR LATCH: 3 Independent ratchet binders with chains, vertical second latch
 GASKETS: Extruded rubber seal with metal retainers
 WELDS: All welds continuous except sub-structure crossmembers
 FINISH: Coated inside and out with direct to metal, rust inhibiting acrylic enamel color coat
 HYDROTESTING: Full capacity static test
 DIMENSIONS: 22'-11" long (21'-8" inside), 99" wide (88" inside), see drawing for height
 OPTIONS: Steel grit blast and special paint, Ampliroil, Heit and Dino pickup
 ROOF: 3/16" PL roof panels with tubing and channel support frame
 LIDS: (2) 68" x 90" metal rolling lids spring loaded, self raising
 ROLLERS: 4" V-groove rollers with delrin bearings and grease fittings
 OPENING: (2) 60" x 82" openings with 8" divider centered on container
 LATCH: (2) independent ratchet binders with chains per lid
 GASKETS: Extruded rubber seal with metal retainers

Heavy Duty Split Metal Rolling Lid



| CONT. | A | B |
|-------|----|----|
| 20 YD | 41 | 53 |
| 25 YD | 53 | 65 |
| 30 YD | 65 | 77 |

