Form 3160-3 (August 1999)

HOBBS OCD
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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Hobbs

ATS-11-672

FORM APPROVED
OMB NO. 1004-0136
Expires November 30, 2000

APPLICATION FOR PERMIT TO DRILL OR REENTER

SECRETARY'S POTASH

1a Type of Work: [X] DRILL [ ] REENTER	5. Lease Serial No. NMNM01135
1b. Type of Well: [X] Oil Well [ ] Gas Well [ ] Other [X] Single Zone [ ] Multiple Zone	6. If Indian, Allotee or Tribe Name
	7 Unit or CA Agreement Name and No.
2. Name of Operator: Occidental Permian Ltd. (157984)	8. Lease Name and Well No. (38634) Fecta 33 Federal #2H
3a. Address: P.O. Box 50250 Midland, TX 79710-0250	3b. Phone No (include area code): 432-685-5717
	9. API Well No. 30-025- 40280
4 Location of Well (*Report location clearly and in accordance with any State equirements*)* At surface: 141 FNL 2347 FWL NENW(C) UNORTHODOX LOCATION	10. Field and Pool, or Exploratory (49460) Lusk Bone Spring, South
At proposed prod. zone: 330 FSL 1980 FWL SESW(N)	11. Sec., T., R., M., or Blk. and Survey or Area Sec 33 T19S R32E
14. Distance in miles and direction from nearest town or post office*: 16 miles south from Maljamar, NM	12. County or Parish: Lea; 13. State: NM

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drg. unit line, if any)	16. No. of Acres in lease	17. Spacing Unit dedicated to this well
147'	320	160
18 Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.	**19. Proposed Depth**	**20. BLM/BIA Bond No. on file**
1320'	13730'M 9400'V	~~ES0136~~ NM2797
21. Elevations (Show whether DF, KDB, RT, GL, etc.)	**22. Approximate date work will start***	**23 Estimated duration**
3555.4' GL	9/1/11	45

24. Attachments

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

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

25. Signature	Name (*Printed/Typed*)	Date
David Stewart	David Stewart	5/13/11

Title: Regulatory Advisor

Approved by (Signature)	Name (*Printed/Typed*)	Date
/s/ William Merhege	/s/ William Merhege	AUG 29 2011
Title: ACTING STATE DIRECTOR	**Office: NM STATE 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.

*(*Instructions on Reverse*)

CAPITAN CONTROLLED WATER BASIN

KZ 09/06/11

SEE ATTACHED FOR CONDITIONS OF APPROVAL

APPROVAL SUBJECT TO GENERAL REQUIREMENTS AND SPECIAL STIPULATIONS ATTACHED

SEP 0 8 2011

United States Department of the Interior
Bureau of Land Management
Carlsbad Field Office
620 East Greene Street
Carlsbad, New Mexico 88220

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Attention: Linda Denniston

RE: Fecta 33 Federal Com #2H

Eddy County, New Mexico

STATEMENT ACCEPTING RESPONSIBILITY FOR OPERATIONS

OPERATOR NAME: Occidental Permian Limited Partnership
ADDRESS: P.O. Box 4294
Houston, Texas 77210-4294

The undersigned accepts all applicable terms, conditions, stipulations, and restrictions concerning operations conducted on the leased land or portion thereof, as described below:

LEASE NO.: **NMNM 01135**
LEGAL DESCRIPTION:
Surface Location: 141' FNL & 2,347' FWL
Bottom Hole Location: 330' FSL & 1,980' FWL
Section 33-T19S-R32E
Eddy County, New Mexico

FORMATIONS: None

BOND COVERAGE: Nationwide

BLM BOND FILE NO.: ES 0136 NM 2797

OXY USA Inc.

AUTHORIZED SIGNATURE:
Patrick S. Sparks

TITLE: Land Negotiator

DATE: May 2, 2011

cc: David Stewart

DRILLING PROGRAM

Operator Name/Number:	**Occidental Permian LP**	**157984**
Lease Name/Number:	**Fecta 33 Federal #2H**	**Federal Lease No. NMNM01135**
Pool Name/Number:	**Lusk Bone Spring, South**	**41460**
Surface Location:	**141 FNL 2347 FWL NENW(C) Sec 33 T19S R32E**	
Bottom Hole Location:	**330 FSL 1980 FWL SESW(N) Sec 33 T19S R32E**	

Proposed TD: 9400' TVD 13730' TMD **Elevation: 3555.4' GL**
SL - Lat: 32.6236311 Long: 103.7716031 X=672945.7 Y=591045.5 NAD - 1927
BH - Lat: 32.6104170 Long: 103.7728540 X=672585.9 Y=586236.2 NAD - 1927

1. Geologic Name of Surface Formation:

a. Permian

2. Estimated Tops of Geological Markers & Depths of Anticipated Fresh Water, Oil or Gas:

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Geological Marker	Depth	Type
a. Upper Permian Sand	230'	Water
b. Anhydrite	810'	---
c. Top Salt	1150'	---
d. Bottom Salt	2480'	---
e. Yates-7R-Queen	2640'	Oil/Gas
f. Capitan Reef	3010'	Water
g. Delaware	4260'	Oil
h. Bone Spring Lime	7310'	Oil
i. 1st Bone Spring	8480'	Oil
j. 2nd Bone Spring	9130'	Oil

3. Casing Program:

See COA

Hole Size	Interval	OD Csg	Weight	Collar	Grade	Condition	Collapse Design Factor	Burst Design Factor	Tension Design Factor
17-1/2"	~~920'~~960	13-3/8"	48	ST&C	H-40	New	2.02	2.76	2.33
	~~4275~~			Hole filled with 8.4# Mud			770#	1730#	
12-1/4"	~~4100'~~	9-5/8"	40	LT&C	J-55	New	1.18	1.2	2.17
				Hole filled with 10# Mud			2570#	3950#	
8-3/4"	13730' M	5-1/2"	17	LT&C	N-80	New	1.45	1.53	2.05
DVT @ 8000' - POST @ 4150'				Hole filled with 9.2# Mud			6280#	7740#	

Collapse and burst loads calculated using Stress Check with anticipated loads

4. Cement Program

a. 13-3/8" Surface — Circulate cement to surface w/ 840sx PP cmt w/ 4% Bentonite + .125#/sx Poly-E-Flake + 2% CaCl2, 13.5ppg 1.75 yield 165% Excess followed by 200sx PP cmt w/ 2% CaCl2 14.8ppg 1.35 yield 165% Excess

b. 9-5/8" Intermediate — Circulate cement to surface w/ 1020sx HES light PP cmt w/ 5% Salt + .125#/sx Poly-E-Flake + 5#/sx Gilsonite, 12.4ppg 2.10 yield 105% Excess followed by 200sx PP cmt w/ 1% CaCl2, 14.8ppg 1.34 yield 105% Excess

c. 5-1/2"	Production	Cement 1st stage w/ 1700sx Super H w/ .5% Halad-344 + .4% CFR-3 + 3#/sx Gilsonite + .3% HR-800 + .125#/sx Poly-E-Flake, 13.2ppg 1.59 yield 85% Excess, Calc TOC-7995' Cement 2nd stage w/ 985sx HES light PP cmt w/ 3#/sx Salt + .125#/sx Pheno Seal + 5#/sx Gilsonite, 12.4ppg 2.09 yield 125% Excess followed by 100sx PP cmt w/ w/ 1% CaCl2., 14.8ppg 1.34 yield 125% Excess, Calc TOC-4145' Cement 3rd stage w/ 670sx HES Light PP cmt w/ 3#/sx Salt, 12.4ppg 1.98 yield 35% Excess followed by 100sx PP cmt w/ 2% CaCl2, 14.8ppg 1.35 yield 35% Excess, Circ Surface

5. Pressure Control Equipment:

Surface	None
Production	13-5/8" 10M two ram stack w/ 5M annular preventer, 10M Choke Manifold

All BOP's and associated equipment will be tested in accordance with Onshore Order #2 (250/5000 psi on rams for 10 minutes each and 250/3500 for 10 minutes for annular preventer, equal to 70% of working pressure) with a third party BOP testing service before drilling out the 13-3/8" casing shoe. Wellhead pressure rating will support this test and 13-3/8" casing will be protected from high pressure. Since the wellhead system is a multibowl design, this initial test will cover the requirements prior to drilling out the 9-5/8" casing shoe.

Pipe Rams will be operated and checked each 24-hour period and each time the drill pipe is out of the hole. These functional tests will be documented on the daily driller's log. A 2" kill line and 3" choke line will be accommodated on the drilling spool below the ram-type BOP. Other accessory BOP equipment will include a Kelly cock, floor safety valve, choke lines and choke manifold having a 5000 psi WP rating.
OXY requests that the entire system be tested as a 5000psi WP rating.

OXY also requests a variance to connect the BOP outlet to the choke manifold using a co-flex hose that is manufactured by Contitech Rubber Industrial KFT. It is a 3" ID X 35' flexible hose rated to 10000psi working pressure. It has been tested to15000psi and is built to API Spec 16C. Once the flex line is installed, it will be tied down with safety clamps, see attached for certifications.

6. Proposed Mud Circulation System

Depth	Mud Wt. ppg	Visc sec	Fluid Loss	Type System	
0 - 920' 960	8.4-8.9	32-34	NC	Fresh Water/Spud Mud
920 - 4100' 4275	9.8-10.0	28-29	NC	Brine Water
4100 - 8200'	8.6-8.8	28-29	NC	Fresh Water
8200 - TD'	9.0-9.2	50-50	8-15	LSND

Pump high viscosity sweeps as needed for hole cleaning. The mud system will be monitored visually/manually as well as with an electronic PVT. The necessary mud products for additional weight and fluid loss control will be on location at all times.

7. Auxiliary Well Control and Monitoring Equipment:

a. A Kelly cock will be in the drill string at all times.
b. A full opening drill pipe stabbing valve having the appropriate connections will be on the rig floor at all times.
c. Hydrogen Sulfide detection equipment will be in operation after drilling out the surface casing shoe until the production casing is cemented. Breathing equipment will be on location upon drilling the surface casing shoe until total depth is reached. If Hydrogen Sulfide is encountered, measured amounts and formations will be reported to the BLM.

8. Logging, Coring and Testing Program: See COA

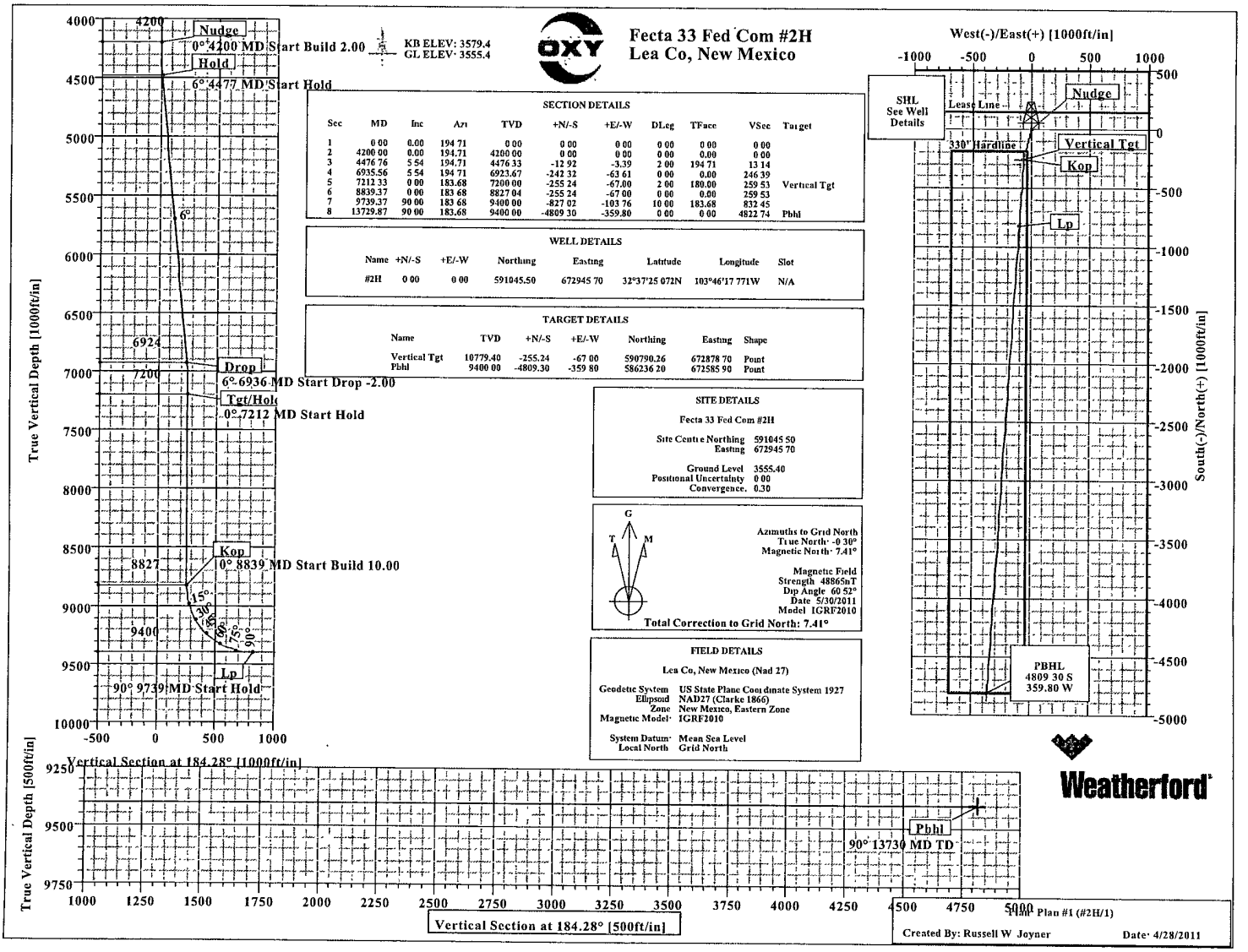
a. Drill stem tests are not anticipated but if done will be based on geological sample shows.
b. The open hole electrical logging program will consist of LWD GR from KOP to TD, GR through salt.
c. No coring program is planned but if done will be sidewall rotary cores.
d. Mud logging program will be initiated from intermediate to TD.

9. Potential Hazards:

No abnormal pressures, temperatures or H_2S gas are expected. The highest anticipated pressure gradient would be 0.54psi/ft or 4900psi. If H_2S is encountered the operator will comply with the provisions of Onshore Oil & Gas Order No.6. No lost circulation is expected to occur. All personnel will be familiar with all aspects of safe operation of equipment being used to drill this well. Adequate flare lines will be installed off the mud/gas separator where gas may be flared safely.

10. Anticipated Starting Date and Duration of Operations:

Road and location construction will begin after the BLM has approved the APD. Anticipated spud date will be as soon as possible after BLM approval and as soon as a rig will be available. Move in operations and drilling is expected to take 45 days. If production casing is run, then an additional 30 days will be needed to complete the well and construct surface facilities and/or lay flow lines in order to place well on production.


Fecta 33 Fed Com #2H
Lea Co, New Mexico
KB ELEV: 3579.4
GL ELEV: 3555.4
Nudge
0° 4200 MD Start Build 2.00
Hold
6° 4477 MD Start Hold
Drop
6° 6936 MD Start Drop -2.00
Tgt/Hold
0° 7212 MD Start Hold
Kop
0° 8839 MD Start Build 10.00
Lp
90° 9739 MD Start Hold
Pbhl
90° 13730 MD TD
True Vertical Depth [1000ft/in]
Vertical Section at 184.28° [1000ft/in]
True Vertical Depth [500ft/in]
Vertical Section at 184.28° [500ft/in]
West(-)/East(+) [1000ft/in]
South(-)/North(+) [1000ft/in]
SHL
See Well
Details
Lease Line
330' Hardline
Vertical Tgt
Kop
Lp
PBHL
4809 30 S
359.80 W
SECTION DETAILS
Sec MD Inc Azi TVD +N/-S +E/-W DLeg TFace VSec Target
1 0 00 0.00 194 71 0 00 0 00 0 00 0 00 0 00
2 4200 00 0.00 194.71 4200 00 0 00 0 00 0 00 0.00 0 00
3 4476 76 5 54 194.71 4476 33 -12 92 -3.39 2 00 194 71 13 14
4 6935.56 5 54 194 71 6923.67 -242 32 -63 61 0 00 0.00 246 39
5 7212 33 0 00 183.68 7200 00 -255 24 -67.00 2 00 180.00 259 53 Vertical Tgt
6 8839.37 0 00 183 68 8827 04 -255 24 -67 00 0 00 0.00 259 53
7 9739.37 90 00 183 68 9400 00 -827 02 -103 76 10 00 183.68 832 45
8 13729.87 90 00 183.68 9400 00 -4809 30 -359.80 0 00 0 00 4822 74 Pbhl
WELL DETAILS
Name +N/-S +E/-W Northing Easting Latitude Longitude Slot
#2H 0 00 0 00 591045.50 672945 70 32°37'25 072N 103°46'17 771W N/A
TARGET DETAILS
Name TVD +N/-S +E/-W Northing Easting Shape
Vertical Tgt 10779.40 -255.24 -67 00 590790.26 672878 70 Point
Pbhl 9400 00 -4809.30 -359 80 586236 20 672585 90 Point
SITE DETAILS
Fecta 33 Fed Com #2H
Site Centre Northing 591045 50
Easting 672945 70
Ground Level 3555.40
Positional Uncertainty 0 00
Convergence, 0.30
Azimuths to Grid North
True North: -0 30°
Magnetic North: 7.41°
Magnetic Field
Strength 48865nT
Dip Angle 60 52°
Date 5/30/2011
Model IGRF2010
Total Correction to Grid North: 7.41°
FIELD DETAILS
Lea Co, New Mexico (Nad 27)
Geodetic System US State Plane Coordinate System 1927
Ellipsoid NAD27 (Clarke 1866)
Zone New Mexico, Eastern Zone
Magnetic Model: IGRF2010
System Datum: Mean Sea Level
Local North Grid North
Weatherford
Plan Plan #1 (#2H/1)
Created By: Russell W Joyner
Date: 4/28/2011

Weatherford International Ltd.

WFT Plan Report - X & Y's

Weatherford

Company:	Occidental Permian Ltd	**Date:**	4/28/2011	**Time:**	14:00:13
Field:	Lea Co, New Mexico (Nad 27)	**Co-ordinate(NE) Reference:**	Well: #2H, Grid North		
Site:	Fecta 33 Fed Com #2H	**Vertical (TVD) Reference:**	SITE 3579.4		
Well:	#2H	**Section (VS) Reference:**	Well (0.00N,0.00E,184.28Azi)		
Wellpath:	1	**Survey Calculation Method:**	Minimum Curvature	**Db:**	Sybase

Page: 1

Plan:	Plan #1	**Date Composed:**	4/28/2011
		Version:	1
Principal:	Yes	**Tied-to:**	From Surface

Field:	Lea Co, New Mexico (Nad 27)		
Map System:	US State Plane Coordinate System 1927	**Map Zone:**	New Mexico, Eastern Zone
Geo Datum:	NAD27 (Clarke 1866)	**Coordinate System:**	Well Centre
Sys Datum:	Mean Sea Level	**Geomagnetic Model:**	IGRF2010

Site:	Fecta 33 Fed Com #2H				
Site Position:		**Northing:**	591045.50 ft	**Latitude:**	32 37 25 072 N
From:	Map	**Easting:**	672945.70 ft	**Longitude:**	103 46 17 771 W
Position Uncertainty:	0.00 ft			**North Reference:**	Grid
Ground Level:	3555.40 ft			**Grid Convergence:**	0 30 deg

Well:	#2H				**Slot Name:**	
Well Position:	**+N/-S**	0 00 ft	**Northing:**	591045.50 ft	**Latitude:**	32 37 25.072 N
	+E/-W	0.00 ft	**Easting :**	672945.70 ft	**Longitude:**	103 46 17 771 W
Position Uncertainty:		0.00 ft				

Wellpath:	1			**Drilled From:**	Surface
				Tie-on Depth:	0.00 ft
Current Datum:	SITE	**Height**	3579.40 ft	**Above System Datum:**	Mean Sea Level
Magnetic Data:	5/15/2011			**Declination:**	7 72 deg
Field Strength:	48870 nT			**Mag Dip Angle:**	60.52 deg

Vertical Section:	**Depth From (TVD)** ft	**+N/-S** ft	**+E/-W** ft	**Direction** deg
	0 00	0.00	0 00	184.28

Plan Section Information

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg	Target
0.00	0.00	194 71	0.00	0.00	0 00	0 00	0.00	0.00	0.00	
4200.00	0.00	194.71	4200.00	0.00	0 00	0 00	0.00	0 00	0.00	
4476 76	5.54	194.71	4476 33	-12.92	-3 39	2.00	2.00	0 00	194.71	
6935.56	5.54	194.71	6923 67	-242 32	-63.61	0.00	0.00	0 00	0 00	
7212 33	0.00	183.68	7200 00	-255.24	-67.00	2 00	-2 00	0 00	180.00	Vertical Tgt
8839.37	0.00	183.68	8827.04	-255.24	-67.00	0 00	0.00	0 00	0.00	
9739.37	90 00	183 68	9400 00	-827 02	-103 76	10.00	10.00	0 00	183.68	
13729.87	90.00	183.68	9400.00	-4809.30	-359.80	0.00	0.00	0 00	0.00	Pbhl

Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	MapN ft	MapE ft	Comment
4200.00	0.00	194.71	4200.00	0.00	0 00	0.00	0 00	591045.50	672945.70	Nudge
4300 00	2.00	194.71	4299.98	-1 69	-0 44	1.72	2.00	591043 81	672945.26	
4400.00	4.00	194.71	4399 84	-6.75	-1 77	6.86	2.00	591038.75	672943.93	
4476.76	5.54	194.71	4476.33	-12 92	-3 39	13.14	2.00	591032.58	672942 31	Hold
4500 00	5.54	194.71	4499 46	-15 09	-3 96	15.34	0.00	591030 41	672941 74	
4600.00	5 54	194 71	4599.00	-24.42	-6.41	24.83	0 00	591021 08	672939.29	
4700 00	5 54	194 71	4698.53	-33.75	-8.86	34.31	0 00	591011.75	672936 84	
4800 00	5.54	194.71	4798 06	-43 08	-11 31	43.80	0 00	591002.42	672934.39	
4900.00	5.54	194.71	4897.60	-52.41	-13.76	53.29	0.00	590993.09	672931.94	
5000 00	5.54	194 71	4997.13	-61 74	-16.21	62 77	0.00	590983.76	672929.49	
5100.00	5 54	194 71	5096.66	-71 07	-18.65	72.26	0.00	590974.43	672927.05	
5200.00	5 54	194 71	5196.20	-80.40	-21.10	81.75	0.00	590965 10	672924.60	
5300 00	5 54	194 71	5295.73	-89 73	-23 55	91 23	0.00	590955 77	672922 15	
5400.00	5.54	194.71	5395.26	-99.06	-26.00	100.72	0 00	590946.44	672919.70	

Weatherford International Ltd.

WFT Plan Report - X & Y's

Weatherford

Company:	Occidental Permian Ltd	**Date:** 4/28/2011	**Time:** 14:00:13	**Page:**	2
Field:	Lea Co, New Mexico (Nad 27)	**Co-ordinate(NE) Reference:**	Well: #2H, Grid North		
Site:	Fecta 33 Fed Com #2H	**Vertical (TVD) Reference:**	SITE 3579.4		
Well:	#2H	**Section (VS) Reference:**	Well (0.00N,0.00E,184.28Azi)		
Wellpath:	1	**Survey Calculation Method:**	Minimum Curvature	**Db:**	Sybase

Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	MapN ft	MapE ft	Comment
5500.00	5 54	194.71	5494.80	-108.39	-28 45	110.21	0.00	590937.11	672917 25	
5600 00	5.54	194 71	5594.33	-117.72	-30.90	119 69	0 00	590927 78	672914.80	
5700.00	5 54	194.71	5693 87	-127.05	-33.35	129.18	0.00	590918.45	672912.35	
5800 00	5.54	194.71	5793.40	-136.37	-35 80	138.67	0.00	590909.13	672909.90	
5900.00	5.54	194.71	5892.93	-145 70	-38 25	148.15	0.00	590899.80	672907 45	
6000.00	5.54	194.71	5992.47	-155.03	-40.70	157.64	0.00	590890.47	672905.00	
6100.00	5 54	194.71	6092.00	-164 36	-43.15	167.12	0.00	590881.14	672902.55	
6200.00	5 54	194.71	6191.53	-173 69	-45.59	176.61	0.00	590871 81	672900.11	
6300 00	5.54	194.71	6291 07	-183 02	-48.04	186.10	0.00	590862.48	672897.66	
6400.00	5 54	194.71	6390 60	-192.35	-50.49	195.58	0.00	590853.15	672895.21	
6500.00	5.54	194 71	6490.14	-201.68	-52.94	205.07	0.00	590843 82	672892.76	
6600 00	5 54	194.71	6589.67	-211.01	-55.39	214.56	0.00	590834.49	672890.31	
6700.00	5.54	194.71	6689.20	-220.34	-57.84	224.04	0 00	590825.16	672887.86	
6800 00	5.54	194 71	6788.74	-229.67	-60.29	233.53	0 00	590815.83	672885.41	
6900.00	5.54	194.71	6888.27	-239.00	-62 74	243.02	0 00	590806.50	672882.96	
6935.56	5.54	194.71	6923.67	-242.32	-63.61	246.39	0.00	590803 18	672882 09	Drop
7000 00	4.25	194.71	6987.87	-247.63	-65 00	251.79	2.00	590797.87	672880.70	
7100.00	2.25	194.71	7087.70	-253.11	-66.44	257 36	2 00	590792.39	672879.26	
7200.00	0 25	194.71	7187.67	-255 21	-66 99	259.50	2.00	590790 29	672878 71	
7212.33	0.00	183 68	7200.00	-255.24	-67.00	259.53	2.00	590790.26	672878.70	Vertical Tgt
7300.00	0.00	183.68	7287 67	-255 24	-67.00	259.53	0.00	590790.26	672878.70	
7400.00	0 00	183.68	7387.67	-255.24	-67 00	259 53	0 00	590790.26	672878.70	
7500.00	0.00	183.68	7487.67	-255.24	-67 00	259.53	0 00	590790.26	672878 70	
7600 00	0 00	183.68	7587.67	-255 24	-67.00	259.53	0.00	590790.26	672878 70	
7700.00	0 00	183.68	7687.67	-255 24	-67.00	259.53	0.00	590790 26	672878 70	
7800.00	0 00	183.68	7787.67	-255.24	-67.00	259.53	0.00	590790.26	672878.70	
7900.00	0.00	183.68	7887.67	-255 24	-67.00	259.53	0.00	590790 26	672878.70	
8000.00	0.00	183 68	7987.67	-255.24	-67.00	259.53	0 00	590790.26	672878.70	
8100 00	0.00	183 68	8087 67	-255.24	-67.00	259.53	0.00	590790.26	672878.70	
8200 00	0 00	183.68	8187.67	-255 24	-67 00	259 53	0.00	590790.26	672878 70	
8300 00	0 00	183.68	8287.67	-255 24	-67.00	259 53	0 00	590790.26	672878.70	
8400.00	0.00	183.68	8387 67	-255.24	-67.00	259.53	0.00	590790 26	672878.70	
8500 00	0 00	183 68	8487.67	-255 24	-67.00	259.53	0.00	590790.26	672878.70	
8600.00	0.00	183.68	8587.67	-255.24	-67.00	259 53	0 00	590790.26	672878.70	
8700 00	0.00	183 68	8687 67	-255 24	-67 00	259.53	0.00	590790 26	672878 70	
8800 00	0.00	183 68	8787.67	-255 24	-67.00	259.53	0 00	590790.26	672878.70	
8839.37	0.00	183.68	8827.04	-255.24	-67.00	259.53	0.00	590790.26	672878.70	Kop
8900.00	6.06	183.68	8887.56	-258.44	-67.21	262.73	10.00	590787 06	672878.49	
9000.00	16 06	183 68	8985.58	-277 56	-68.44	281.90	10.00	590767.94	672877.26	
9100.00	26.06	183.68	9078.78	-313.38	-70 74	317.79	10 00	590732.12	672874 96	
9200 00	36 06	183.68	9164 33	-364 81	-74.04	369 32	10.00	590680.69	672871.66	
9300 00	46 06	183.68	9239.63	-430.28	-78.25	434.92	10 00	590615 22	672867.45	
9400.00	56.06	183 68	9302 40	-507 81	-83.24	512.60	10.00	590537.69	672862.46	
9500.00	66.06	183.68	9350.72	-595 03	-88.85	600.00	10.00	590450.47	672856.85	
9600.00	76 06	183.68	9383.13	-689.30	-94.91	694.46	10.00	590356 20	672850.79	
9700 00	86.06	183 68	9398.65	-787.76	-101 24	793 12	10 00	590257.74	672844.46	
9739 37	90.00	183.68	9400.00	-827.02	-103.76	832 45	10 00	590218.48	672841 94	Lp
9800.00	90.00	183.68	9400.00	-887.52	-107.65	893 08	0.00	590157 98	672838.05	
9900.00	90 00	183.68	9400 00	-987 32	-114.07	993.08	0.00	590058.18	672831.63	
10000 00	90.00	183.68	9400 00	-1087.11	-120.48	1093.07	0.00	589958.39	672825.22	
10100 00	90 00	183 68	9400.00	-1186.91	-126.90	1193.07	0.00	589858.59	672818.80	
10200.00	90.00	183.68	9400.00	-1286 70	-133.32	1293 06	0 00	589758 80	672812 38	

Weatherford International Ltd.

WFT Plan Report - X & Y's

Weatherford

Company:	Occidental Permian Ltd.	Date:	4/28/2011	Time:	14:00:13	Page:	3
Field:	Lea Co. New Mexico (Nad 27)	Co-ordinate(NE) Reference:	Well: #2H, Grid North				
Site:	Fecta 33 Fed Com #2H	Vertical (TVD) Reference:	SITE 3579.4				
Well:	#2H	Section (VS) Reference:	Well (0.00N,0.00E,184.28Azi)				
Wellpath:	1	Survey Calculation Method:	Minimum Curvature	Db:	Sybase		

Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	MapN ft	MapE ft	Comment
10300.00	90.00	183 68	9400.00	-1386.49	-139.73	1393.05	0.00	589659.01	672805.97	
10400.00	90.00	183.68	9400 00	-1486 29	-146.15	1493.05	0 00	589559.21	672799 55	
10500.00	90.00	183.68	9400 00	-1586 08	-152.57	1593 04	0.00	589459 42	672793.13	
10600.00	90 00	183 68	9400.00	-1685.88	-158.98	1693.04	0.00	589359 62	672786.72	
10700.00	90.00	183 68	9400.00	-1785.67	-165 40	1793.03	0.00	589259.83	672780 30	
10800.00	90 00	183.68	9400 00	-1885.46	-171.81	1893.03	0.00	589160.04	672773 89	
10900.00	90 00	183.68	9400 00	-1985 26	-178.23	1993.02	0 00	589060.24	672767.47	
11000.00	90.00	183.68	9400.00	-2085 05	-184.65	2093.02	0.00	588960.45	672761.05	
11100 00	90.00	183.68	9400.00	-2184.85	-191 06	2193.01	0.00	588860 65	672754.64	
11200.00	90 00	183.68	9400 00	-2284.64	-197.48	2293.01	0 00	588760.86	672748.22	
11300.00	90.00	183.68	9400 00	-2384.43	-203.89	2393.00	0.00	588661.07	672741.81	
11400.00	90 00	183.68	9400.00	-2484.23	-210.31	2492.99	0 00	588561.27	672735 39	
11500.00	90.00	183.68	9400.00	-2584.02	-216.73	2592.99	0.00	588461.48	672728.97	
11600.00	90.00	183.68	9400 00	-2683.82	-223.14	2692.98	0.00	588361.68	672722.56	
11700 00	90.00	183.68	9400.00	-2783 61	-229 56	2792.98	0.00	588261.89	672716 14	
11800.00	90.00	183.68	9400.00	-2883.40	-235.98	2892.97	0.00	588162.10	672709 72	
11900.00	90 00	183.68	9400 00	-2983.20	-242.39	2992.97	0.00	588062.30	672703.31	
12000 00	90 00	183.68	9400 00	-3082.99	-248.81	3092 96	0.00	587962.51	672696.89	
12100 00	90.00	183.68	9400 00	-3182.79	-255.22	3192 96	0 00	587862.71	672690.48	
12200.00	90.00	183.68	9400.00	-3282 58	-261.64	3292.95	0 00	587762 92	672684.06	
12300.00	90 00	183.68	9400 00	-3382.37	-268.06	3392.95	0 00	587663 13	672677 64	
12400 00	90.00	183 68	9400 00	-3482.17	-274.47	3492 94	0·00	587563 33	672671 23	
12500 00	90.00	183.68	9400.00	-3581.96	-280.89	3592.93	0 00	587463 54	672664.81	
12600 00	90.00	183.68	9400.00	-3681 75	-287.31	3692.93	0.00	587363.75	672658.39	
12700.00	90.00	183 68	9400 00	-3781 55	-293.72	3792.92	0 00	587263.95	672651 98	
12800.00	90 00	183.68	9400 00	-3881.34	-300.14	3892.92	0 00	587164 16	672645.56	
12900 00	90.00	183.68	9400.00	-3981.14	-306 55	3992 91	0.00	587064.36	672639.15	
13000 00	90.00	183.68	9400 00	-4080.93	-312.97	4092.91	0.00	586964.57	672632.73	
13100.00	90 00	183 68	9400.00	-4180.72	-319.39	4192 90	0.00	586864 78	672626.31	
13200.00	90.00	183.68	9400.00	-4280.52	-325.80	4292.90	0 00	586764.98	672619 90	
13300 00	90.00	183 68	9400.00	-4380.31	-332.22	4392.89	0 00	586665.19	672613.48	
13400.00	90.00	183.68	9400 00	-4480 11	-338.63	4492 89	0.00	586565.39	672607.07	
13500.00	90.00	183 68	9400.00	-4579.90	-345.05	4592 88	0 00	586465.60	672600 65	
13600.00	90 00	183.68	9400.00	-4679.69	-351 47	4692 87	0 00	586365.81	672594 23	
13700 00	90 00	183.68	9400 00	-4779.49	-357.88	4792.87	0.00	586266.01	672587.82	
13729.87	90.00	183.68	9400.00	-4809.30	-359.80	4822 74	0.00	586236.20	672585.90	Pbhl

Targets

Name	Description Dip.	Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	<— Latitude —> Deg	Min	Sec		<— Longitude —> Deg	Min	Sec	
Vertical Tgt -Plan hit target			7200 00	-255.24	-67.00	590790.26	672878.70	32	37	22.550	N	103	46	18 570	W
Pbhl			9400 00	-4809.30	-359 80	586236.20	672585.90	32	36	37.502	N	103	46	22.274	W

Casing Points

MD	TVD	Diameter	Hole Size	Name

Weatherford International Ltd.
WFT Plan Report - X & Y's

Company:	Occidental Permian Ltd.	**Date:**	4/28/2011	**Time:** 14:00:13	**Page:** 4
Field:	Lea Co. New Mexico (Nad 27)	**Co-ordinate(NE) Reference:**	Well: #2H, Grid North		
Site:	Fecta 33 Fed Com #2H	**Vertical (TVD) Reference:**	SITE 3579.4		
Well:	#2H	**Section (VS) Reference:**	Well (0.00N,0.00E,184.28Azi)		
Wellpath:	1	**Survey Calculation Method:**	Minimum Curvature	**Db:**	Sybase

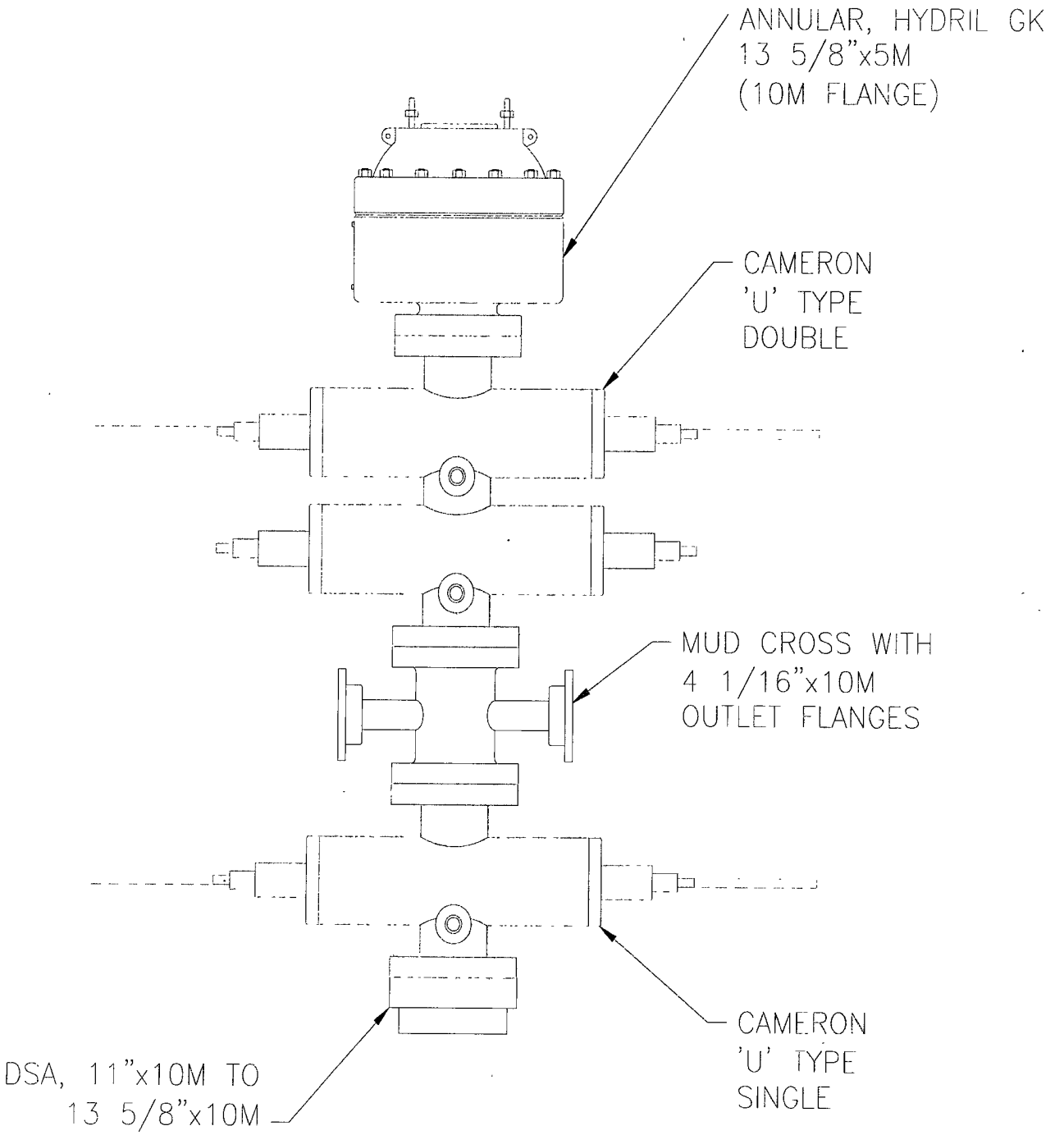
Annotation

MD ft	TVD ft	
4200 00	4200 00	Nudge
4476.76	4476.33	Hold
6935.56	6923.66	Drop
7212 33	7200.00	Tgt/Hold
8839.37	8827.04	Kop
9739.37	9400.00	Lp
13729 87	9400 00	Pbhl

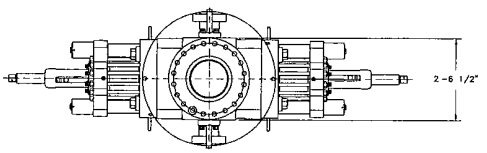
Formations

MD	TVD	Formations	Lithology	Dip Angle	Dip Direction

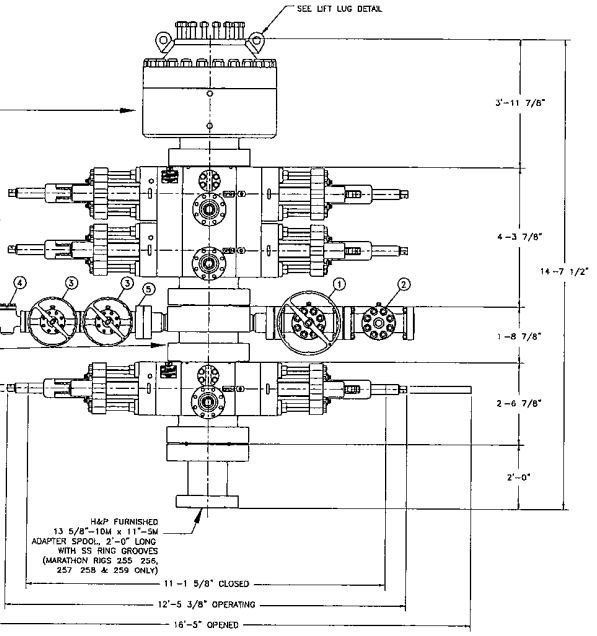
BOP Diagram



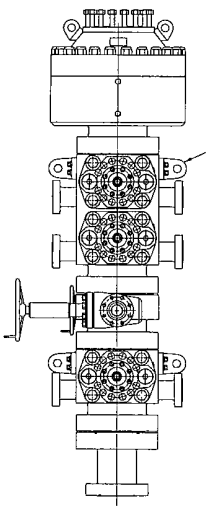
BOP STACK



LEGEND
1— 4 1/16"-10M FLANGED END GATE VALVE
2— 4 1/16"-10M FLANGED END GATE VALVE WITH DOUBLE ACTING HYDRAULIC ACTUATOR
3— 2 1/16"-10M FLANGED END GATE VALVE
4— 2 1/16"-10M FLANGED END CHECK VALVE
5— DOUBLE STUDDED ADAPTER



13 5/8-10M STACK



ISSUED FOR FABRICATION
December-18-2007
DRAFTSMAN
ENGINEER

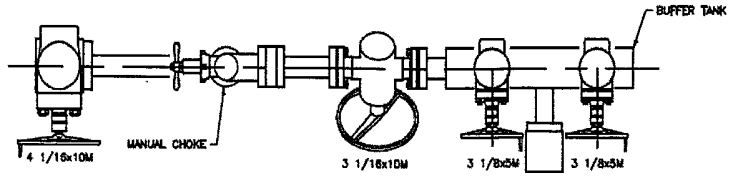
API 6A MONOGRAMMED CAMERON CHOKE AND KILL WING VALVE ASSEMBLIES ARE NOT SHOWN FOR CLARITY

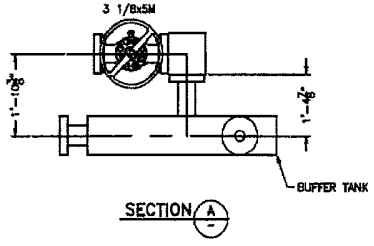
WEIGHTS DO NOT INCLUDE HOSES ADAPTER SPOOLS OR QUICK CONNECT FITTINGS

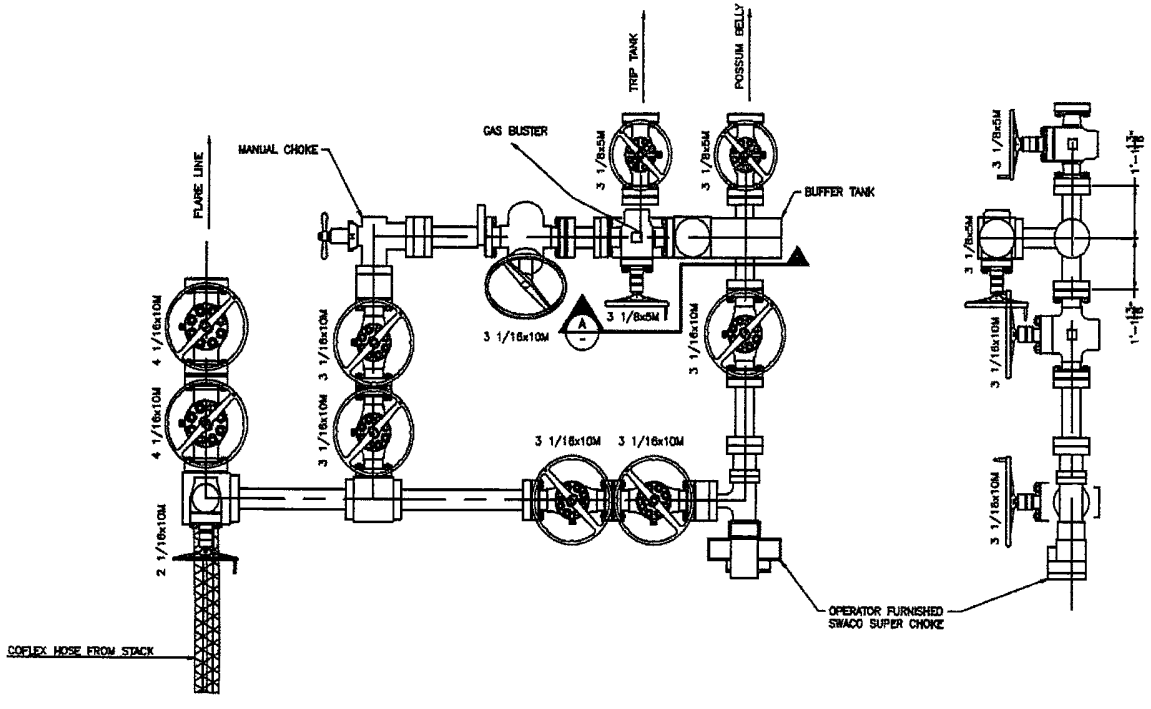
REV	DATE	DESCRIPTION	ENGINEERING APPROVAL	DATE	BY
3	12/18/07	ADDED SHEET 03			JAV
2	4-10-07	DRAWING REVISED, DOUBLE STUDDED ADAPTER VALVES 1, 2, & 3, AND MS CHECK VALVE ADDED			JBG
1	4-04-07	6" ADDED TO SPACER ADAPTER SPOOL			JBG
A	02-07-07	ADDED ADAPTER SPOOL			MWL
1	06-13-02	CORRECTED BOP STACK			MWL

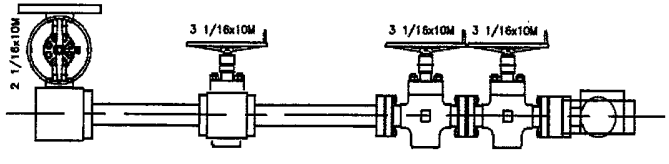
HELMERICH & PAYNE
INTERNATIONAL DRILLING CO

TITLE	13 5/8"-10M BOP 3 RAM STACK FLEXRIG3
CUSTOMER	H&P
PROJECT	FLEXRIG3
DRAWN	WTS
DATE	6-5-02
DWG NO	210-P1-07
REV	E
SCALE	3/4"=1
SHEET	1 OF 1









ISSUED FOR FABRICATION
MARCH 9, 2002
DRAFTSMAN
ENGINEER

REV	DATE	DESCRIPTION	BY
1	10/15/02	ADJUST DIM TO FIELD CONFIRMED DIM	RAY

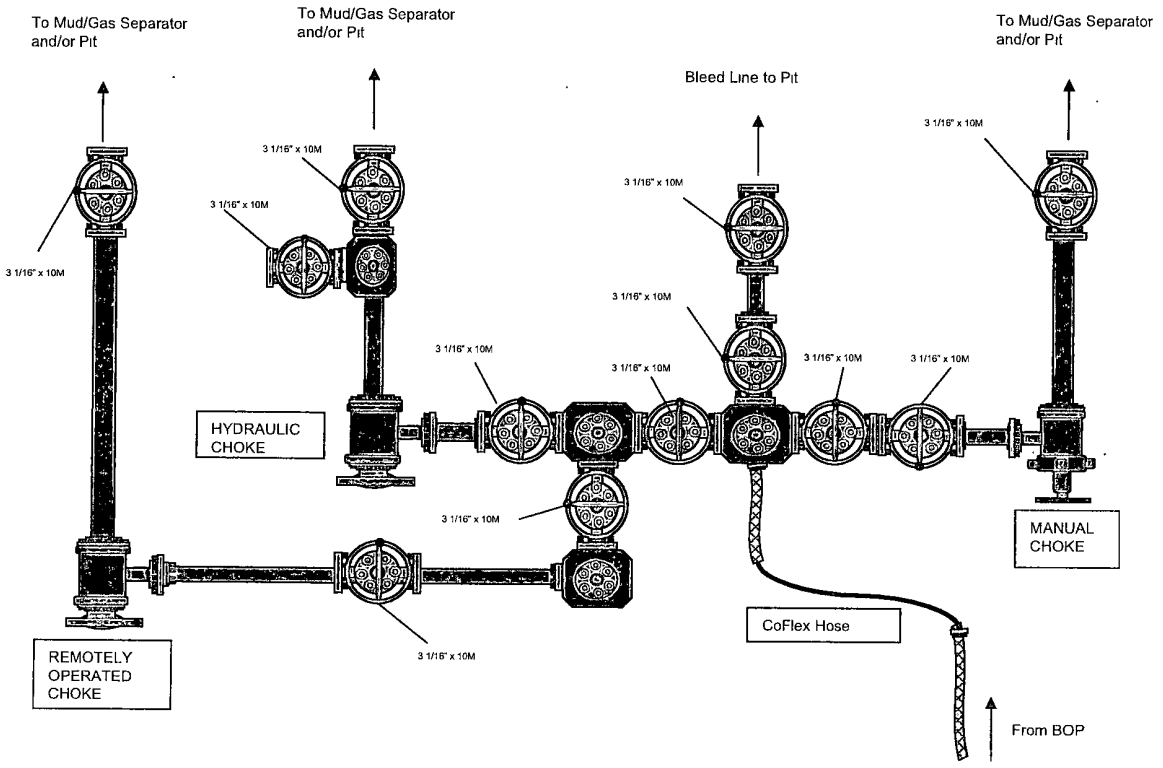
ENGINEERING APPROVAL / DATE

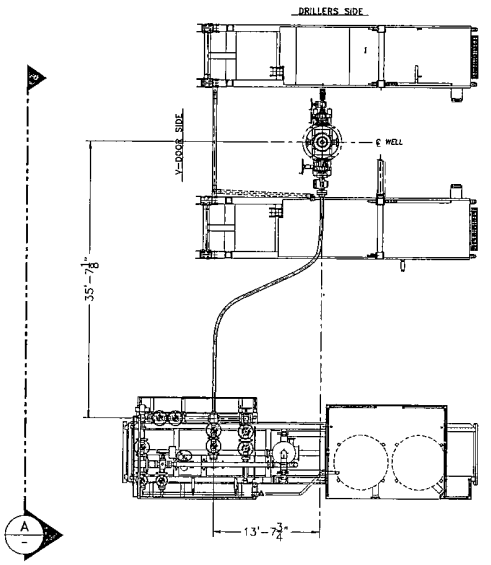
HELMERICH & PAYNE
INTERNATIONAL DRILLING CO.

TITLE: CHOKE MANIFOLD

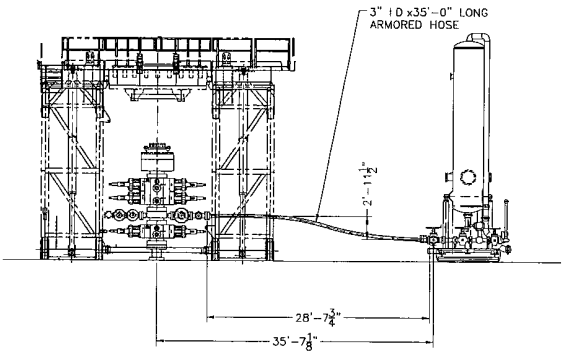
CUSTOMER: H&P
PROJECT: FLEXRIG3
DRAWN: MTS | DATE: 2-28-02 | DWG. NO.: 216-P1-05 | REV: A
SCALE: 3/4"=1' | SHEET: 1 OF 1

10M CHOKE MANIFOLD CONFIGURATION





PLAN VIEW



SECTION "A"

ISSUED FOR FABRICATION
December-19-2007
DRAFTSMAN
ENGINEER

REV	DATE	DESCRIPTION	BY
1	12/18/07	REMOVED SHEET TOTAL CALLOUT	JAV

ENGINEERING APPROVAL | DATE

HELMERICH & PAYNE
INTERNATIONAL DRILLING CO

TITLE: CHOKE LINE SYSTEM
FLEXRIG3

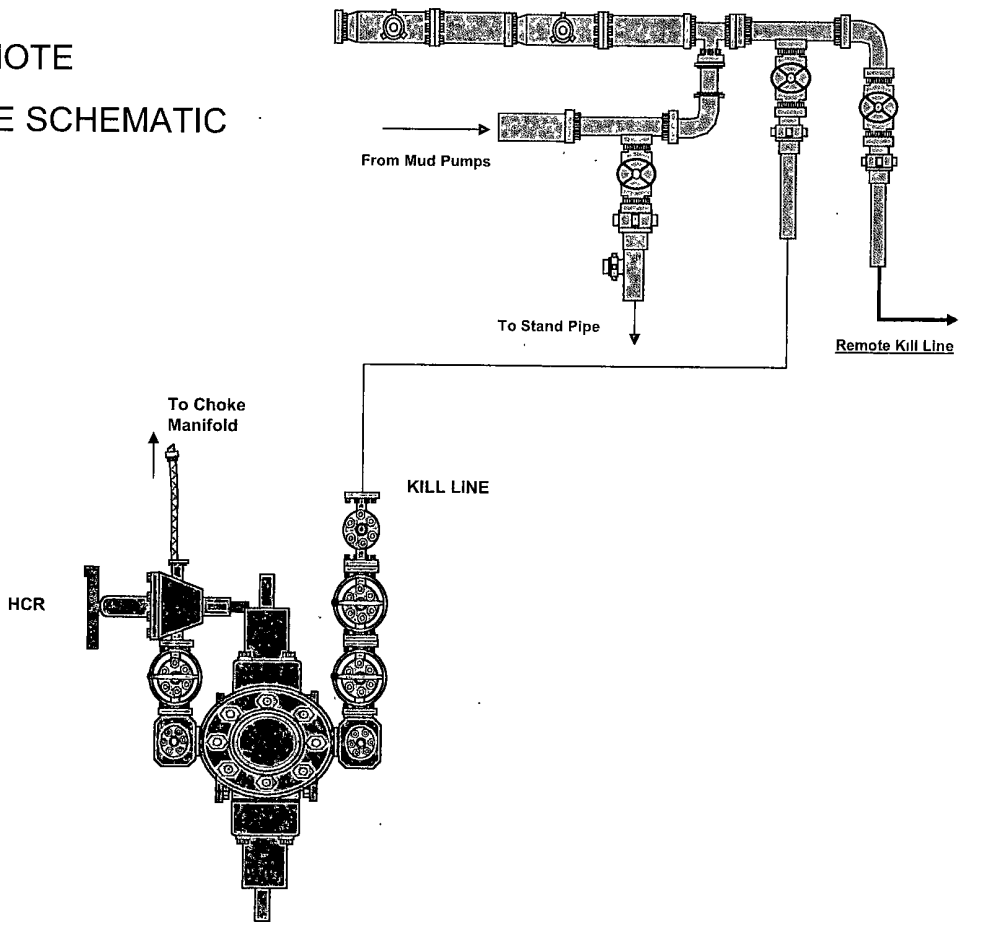
CUSTOMER:

PROJECT:

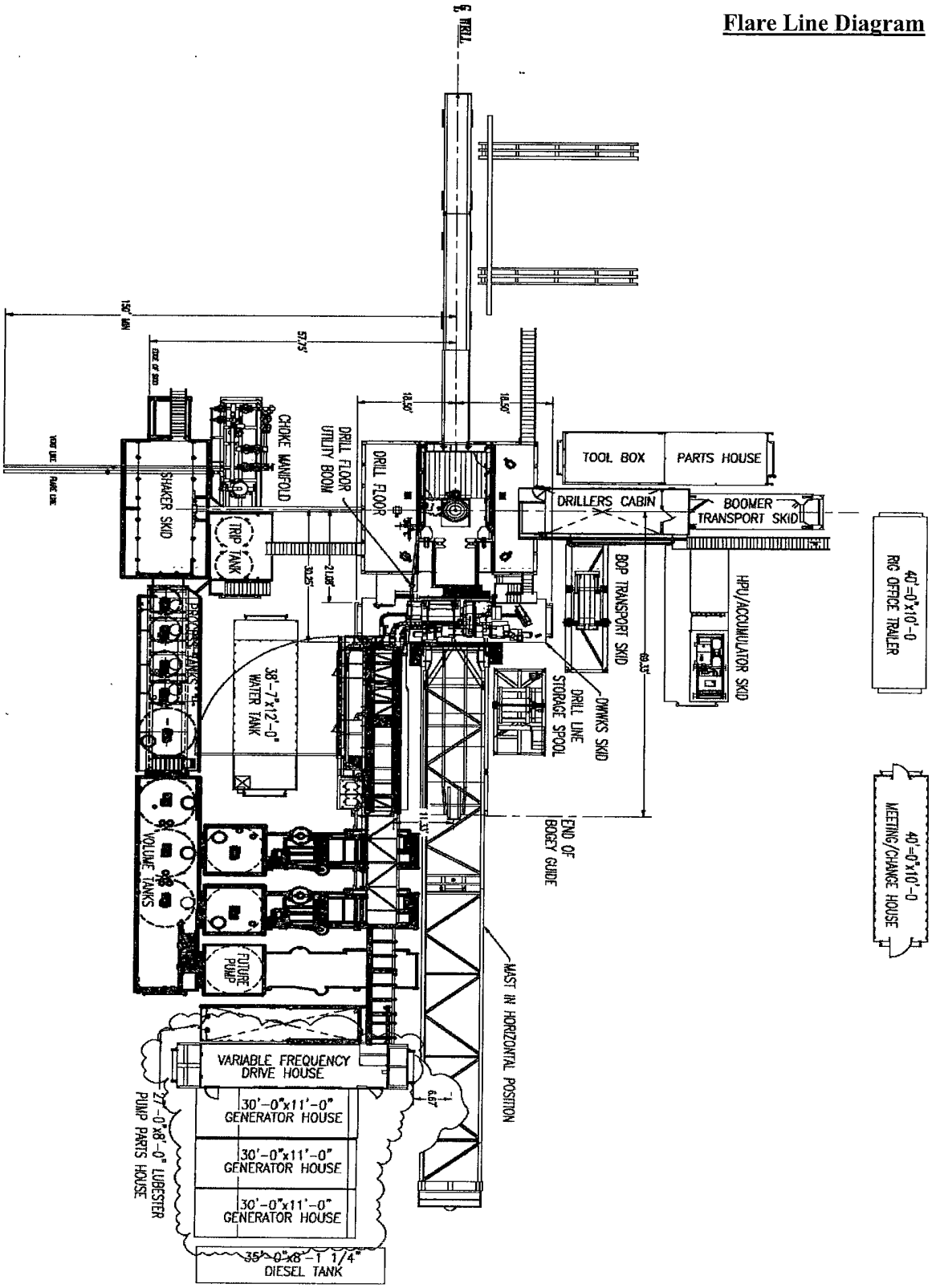
DRAWN	DATE	DWG NO	REV
JBG	4-10-07	210-P1-07	A

SCALE: 3/16"=1 | SHEET 2 OF 3

10M REMOTE KILL LINE SCHEMATIC



Flare Line Diagram



Continental CONTITECH

Fluid Technology

Quality Document

CERTIFICATE OF CONFORMITY

Supplier : CONTITECH RUBBER INDUSTRIAL KFT.
Equipment : 6 pcs. Choke and Kill Hose with installed couplings
Type : **3" x 10,67 m WP: 10000 psi**
Supplier File Number : 412638
Date of Shipment : April. 2008
Customer : Phoenix Beattie Co.
Customer P.o. : 002491
Referenced Standards / Codes / Specifications : API Spec 16 C
Serial No.: 52754,52755,52776,52777,52778,52782

STATEMENT OF CONFORMITY

We hereby certify that the above items/equipment supplied by us are in conformity with the terms, conditions and specifications of the above Purchaser Order and that these items/equipment were fabricated inspected and tested in accordance with the referenced standards, codes and specifications and meet the relevant acceptance criteria and design requirements.

COUNTRY OF ORIGIN HUNGARY/EU

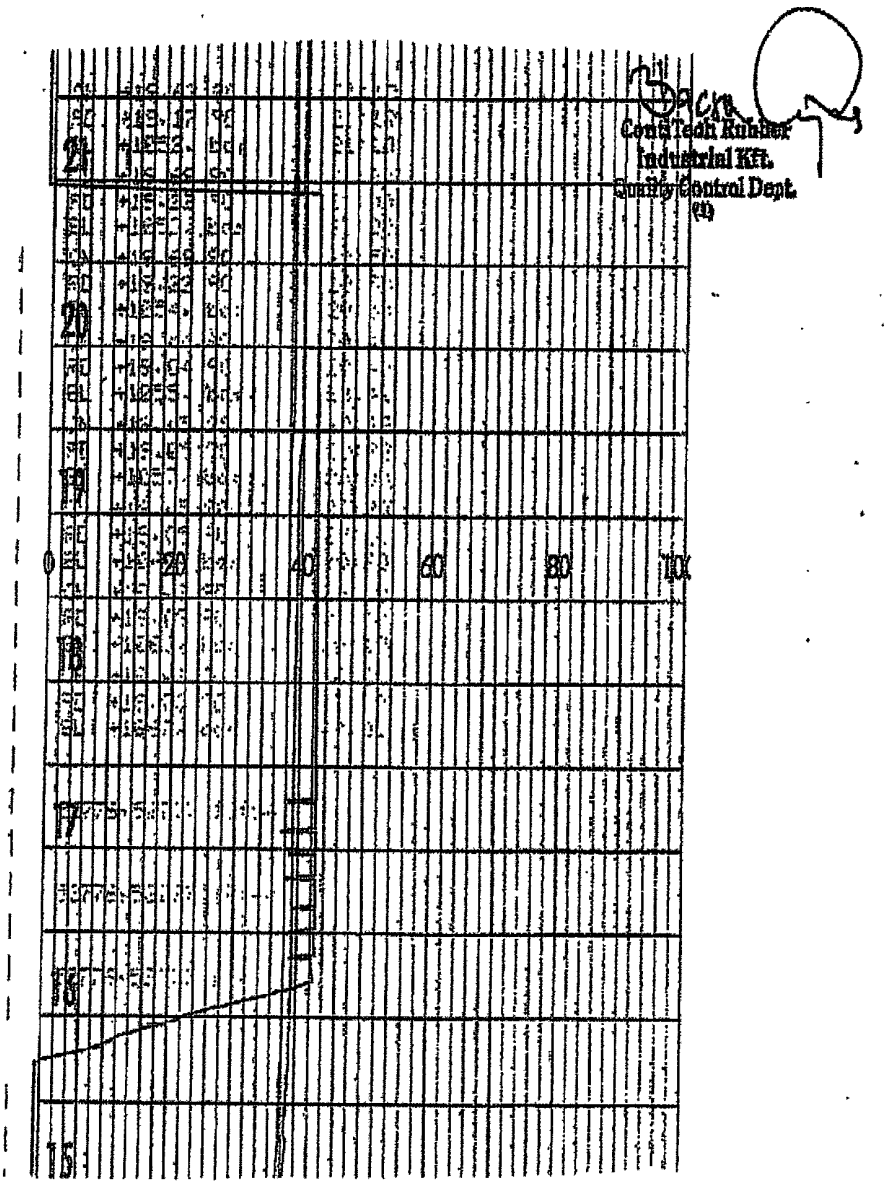
Signed : .....

ContiTech Rubber Industrial Kft. Quality Control Dept.

Position: Q.C. Manager

Date: 04. April. 2008

Coflex Hose Certification



PHOENIX Beattie

Material Identification Certificate

PA No	006330	Client	HELMERICH & PAYNE INT'L DRILLING	Client Ref	370-369-001	Page	1

Part No	Description	Material Desc	Material Spec	Qty	WO No	Batch No	Test Cert No	Bin No	Drg No	Issue No
HP10CK3A-35-4F1	3" 10K 16C C&K HOSE x 35ft OAL			1	2491	52777/H884		WATER		
SECK3-HPF3	LIFTING & SAFETY EQUIPMENT TO			1	2440	002440		N/STK		
SC725-200CS	SAFETY CLAMP 200MM 7.25T	CARBON STEEL		1	2519	H655		22C		
SC725-132CS	SAFETY CLAMP 132MM 7.25T	CARBON STEEL		1	2242	H139		22		

We hereby certify that these goods have been inspected by our Quality Management System, and to the best of our knowledge are found to conform to relevant industry standards within the requirements of the purchase order as issued to Phoenix Beattie Corporation.

05/13/08

Coflex Hose Certification

Coflex Hose Certification

Form No 100/12

PHOENIX Beattie

Phoenix Beattie Corp
11535 Brittmoore Park Drive
Houston, TX 77041
Tel: (832) 327-0141
Fax: (832) 327-0148
E-mail mail@phoenixbeattie.com
www.phoenixbeattie.com

Delivery Note

Customer Order Number	370-369-001	Delivery Note Number	003078	Page	1
Customer / Invoice Address HELMERICH & PAYNE INT'L DRILLING CO 1437 SOUTH BOULDER TULSA, OK 74119		**Delivery / Address** HELMERICH & PAYNE IDC ATTN: JOE STEPHENSON - RIG 370 13609 INDUSTRIAL ROAD HOUSTON, TX 77015			

Customer Acc No	Phoenix Beattie Contract Manager	Phoenix Beattie Reference	Date
H01	JJL	006330	05/23/2008

Item No	Beattie Part Number / Description	Qty Ordered	Qty Sent	Qty To Follow
1	HP10CK3A-35-4F1 3" 10K 16C C&K HOSE x 35ft OAL CW 4.1/16" API SPEC FLANGE E/ End 1: 4.1/16" 10Kpsi API Spec 6A Type 6BX Flange End 2: 4.1/16" 10Kpsi API Spec 6A Type 6BX Flange c/w BX155 Standard ring groove at each end Suitable for H2S Service Working pressure: 10,000psi Test pressure: 15,000psi Standard: API 16C Full specification Armor Guarding: Included Fire Rating: Not Included Temperature rating: -20 Deg C to +100 Deg C	1	1	0
2	SECK3-HPF3 LIFTING & SAFETY EQUIPMENT TO SUIT HP10CK3-35-F1 2 x 160mm ID Safety Clamps 2 x 244mm ID Lifting Collars & element C's 2 x 7ft Stainless Steel wire rope 3/4" OD 4 x 7.75t Shackles	1	1	0
3	SC725-200CS SAFETY CLAMP 200MM 7.25T C/S GALVANISED	1	1	0

Continued...

Coflex Hose Certification

Continental CONTITECH

Fluid Technology

Quality Document

QUALITY CONTROL INSPECTION AND TEST CERTIFICATE				CERT. N°: 746	
PURCHASER: Phoenix Beattie Co.				P.O. N°: 002491	
CONTITECH ORDER N°: 412638		HOSE TYPE: 3" ID	Choke and Kill Hose		
HOSE SERIAL N°: 52777		NOMINAL / ACTUAL LENGTH:	10,67 m		
W.P. 68,96 MPa	10000 psi	T.P. 103,4 MPa	15000 psi	Duration: 60 ~	min.

Pressure test with water at ambient temperature

See attachment. (1 page)

↑ 10 mm = 10 Min.

→ 10 mm = 25 MPa

COUPLINGS

Type	Serial N°	Quality	Heat N°
3" coupling with	917 913	AISI 4130	T7998A
4 1/16" Flange end		AISI 4130	26984

INFOCHIP INSTALLED

API Spec 16 C
Temperature rate:"B"

All metal parts are flawless

WE CERTIFY THAT THE ABOVE HOSE HAS BEEN MANUFACTURED IN ACCORDANCE WITH THE TERMS OF THE ORDER AND PRESSURE TESTED AS ABOVE WITH SATISFACTORY RESULT.

Date:	Inspector	Quality Control
04. April. 2008		ContiTech Rubber Industrial Kft. Quality Control Dept. (1)

Coflex Hose Certification

Form No 100/12

PHOENIX Beattie

Phoenix Beattie Corp
11535 Brittmoore Park Drive
Houston, TX 77041
Tel: (832) 327-0141
Fax: (832) 327-0148
E-mail mail@phoenixbeattie.com
www.phoenixbeattie.com

Delivery Note

Customer Order Number	370-369-001	Delivery Note Number	003078	Page	2

Customer / Invoice Address
HELMERICH & PAYNE INT'L DRILLING CO
1437 SOUTH BOULDER
TULSA, OK
74119

Delivery / Address
HELMERICH & PAYNE IDC
ATTN: JOE STEPHENSON - RIG 370
13609 INDUSTRIAL ROAD
HOUSTON, TX
77015

Customer Acc No	Phoenix Beattie Contract Manager	Phoenix Beattie Reference	Date
H01	JJL	006330	05/23/2008

Item No	Beattie Part Number / Description	Qty Ordered	Qty Sent	Qty To Follow
4	SC725-132CS SAFETY CLAMP 132MM 7.25T C/S GALVANIZED C/W BOLTS	1	1	0
5	00CERT-HYDRO HYDROSTATIC PRESSURE TEST CERTIFICATE	1	1	0
6	00CERT-LOAD LOAD TEST CERTIFICATES	1	1	0
7	00FREIGHT INBOUND / OUTBOUND FREIGHT PRE-PAY & ADD TO FINAL INVOICE NOTE: MATERIAL MUST BE ACCOMPANIED BY PAPERWORK INCLUDING THE PURCHASE ORDER, RIG NUMBER TO ENSURE PROPER PAYMENT	1	1	0

Phoenix Beattie Inspection Signature :

Received In Good Condition : Signature

Print Name

Date

All goods remain the property of Phoenix Beattie until paid for in full. Any damage or shortage on this delivery must be advised within 5 days. Returns may be subject to a handling charge.

New Mexico Drilling Daily Circulating System Inspection For Closed Loop Systems

Wellname:		Permit #:		Rig Mobe Date:	
County:				Rig Demobe Date:	

Inspection Date	Time	By Whom	Any drips or leaks from steel tanks, lines or pumps not contained?* Explain.	Has any hazardous waste been disposed of in system?

All circulating systems to be inspected DAILY during drilling operations.
***Any leak of the steel tanks, lines or pumps shall be reported to the NMOCD and repaired within 48 hours.**