

13-717

OCD Hobbs

Form 3160-3
(March 2012)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

HOBBS OCD

AUG 05 2013

RECEIVED

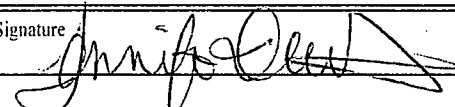
FORM APPROVED
OMB No. 1004-0137
Expires October 31, 2014

1a. Type of work: ☒ DRILL ☐ REENTER		7. If Unit or CA Agreement, Name and No.
1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other ☒ Single Zone ☐ Multiple Zone		8. Lease Name and Well No. <40061> CORBIN FEDERAL COM #2H
2. Name of Operator OXY USA INC <6696>		9. API Well No. 30-025-41315 <13320>
3a. Address P.O. BOX 4294 HOUSTON, TX 77210	3b. Phone No. (include area code) 713-513-6640	10. Field and Pool, or Exploratory CORBIN; WOLFCAMP, SOUTH
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface 540' FSL & 2240' FEL At proposed prod. zone 950' FSL & 2260' FEL		11. Sec., T. R. M. or Blk. and Survey or Area SHL: O, SEC 9; T18S, R33E BHL: O, SEC 4; T18S, R33E
14. Distance in miles and direction from nearest town or post office* 37 MILES SOUTHEAST OF LOVINGTON, NM		12. County or Parish LEA
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 540'		13. State NM
16. No. of acres in lease 1001.19	17. Spacing Unit dedicated to this well 200	
18. Distance from proposed location* 260' to nearest well, drilling, completed, applied for, on this lease, ft.	19. Proposed Depth 14610' MD / 9211' TVD	20. BLM/BIA Bond No. on file ESB000226 / NMB000862
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 3936' GL	22. Approximate date work will start* 01/20/2014	23. Estimated duration 20 DAYS

24. Attachments

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

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

25. Signature 	Name (Printed/Typed) Jennifer Duarte (jennifer_duarte@oxy.com)	Date 04/22/2013
Title Regulatory Specialist		
Approved by (Signature) /s/George MacDonell	Name (Printed/Typed)	Date AUG 1 2013
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)

Capitan Controlled Water Basin

KZ
08/08/13 Approval Subject to General Requirements
& Special Stipulations Attached

CONDITION OF APPROVAL: Approval for Drilling ONLY.
CANNOT produce without the OCD Santa Fe approval for
Non-Standard Location.

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

AUG 13 2013

P^m

OXY USA Inc
Corbin Federal Com #2H
APD Data

OPERATOR NAME / NUMBER: OXY USA Inc

LEASE NAME / NUMBER: Corbin Federal Com #2H

STATE: NM **COUNTY:** Lea

SURFACE LOCATION: 540' FSL & 2240' FEL, Sec 9, T18S, R33E

BOTTOM HOLE LOCATION: 950' FSL & 2260' FEL, Sec. 4, T18S, R33E

APPROX GR ELEV: 3936.0'

EST KB ELEV: 3960' (24' KB)

1. GEOLOGIC NAME OF SURFACE FORMATION

a. Permian

2. ESTIMATED TOPS OF GEOLOGICAL MARKERS & DEPTHS OF ANTICIPATED FRESH WATER, OIL OR GAS

Formation	TVD	Expected Fluids
T. Rustler	1527	--
T. Salt	1636	--
T. Tansill (B. Salt)	2891	--
T. Yates	3051	Oil/Gas
T. Seven Rivers	3491	Oil/Gas
T. Queen	4226	Oil/Gas
T. Cherry Canyon	5326	Oil/Gas
T. Brushy Canyon	5901	Oil/Gas
T. 1 st Bone Spring	6821	Oil/Gas
T. 2 nd Bone Spring	8726	Oil/Gas
Target 2 nd Bone Spring Sand	9211	Oil/Gas

Fresh water may be present above the Rustler formation. Surface casing will be set below the top of the Rustler, which will cover potential fresh water sources.

LATERAL GREATEST PROJECTED TD: 14610' MD / 9211' TVD **OBJECTIVE:** 2nd Bone Spring

3. CASING PROGRAM

Surface Casing ran in a 16" hole filled with 8.40 ppg mud

Hole Size (in)	Interval (ft)	OD (in)	Wt (ppf)	Grade	Conn	ID (in)	Condition	Burst (psi)	Collapse (psi)	Burst SF	Coll SF	Ten SF
16	1560	13.375	48	H40	STC	12.715	New	1730	740	1.71	1.22	1.97

Intermediate Casing ran in a 12.25" hole filled with 10 ppg mud

Hole Size (in)	Interval (ft)	OD (in)	Wt (ppf)	Grade	Conn	ID (in)	Condition	Burst (psi)	Collapse (psi)	Burst SF	Coll SF	Ten SF
-------------------	------------------	------------	-------------	-------	------	------------	-----------	----------------	-------------------	-------------	------------	-----------

See 2970

12.25	3000	9.625	36	J55	LTC	8.75	New	3520	2020	1.22	2.01	2.18
-------	------	-------	----	-----	-----	------	-----	------	------	------	------	------

Production Casing ran in a 8.75" hole filled with 9.4 ppg mud

Hole Size (in)	Interval (ft)	OD (in)	Wt (ppf)	Grade	Conn	ID (in)	Condition	Burst (psi)	Collapse (psi)	Burst SF	Coll SF	Ten SF
8.75	14610	5.500	17	L80	BTC	4.778	New	7740	6290	1.25	1.49	1.60

Note: All Casing is in new condition

Casing Design Assumptions:

Burst Loads

CSG Test (Surface)

- Internal: Displacement fluid + 70% CSG Burst rating
- External: Pore Pressure from section TD to surface

CSG Test (Intermediate)

- Internal: Displacement fluid + 70% CSG Burst rating
- External: Pore Pressure from the Intermediate hole TD to Surface CSG shoe and MW of the drilling mud that was in the hole when the CSG was run to surface

CSG Test (Production)

- Internal: Displacement fluid + 80% CSG Burst rating
- External: Pore Pressure from the well TD the Intermediate CSG shoe and MW of the drilling mud that was in the hole when the CSG was run to surface

Gas Kick (Surface/Intermediate)

- Internal: Gas Kick based on Pore Pressure or Fracture Gradient @ CSG shoe with a gas 0.115psi/ft Gas gradient to surface while drilling the next hole section (e.g. Gas kick while drilling the production hole section is a burst load used to design the intermediate CSG)
- External: Pore Pressure from section TD to previous CSG shoe and MW of the drilling mud that was in the hole when the CSG was run to surface

Stimulation (Production)

- Internal: Displacement fluid + Max Frac treating pressure (not to exceed 80% CSG Burst rating)
- External: Pore Pressure from the well TD to the Intermediate CSG shoe and 8.5 ppg MWE to surface

Collapse Loads

Lost Circulation (Surface/Intermediate)

- Internal: Losses experienced while drilling the next hole section (e.g. losses while drilling the production hole section are used as a collapse load to design the intermediate CSG). After losses there will be a column of mud inside the CSG with an equivalent weight to the Pore Pressure of the lost circulation zone
- External: MW of the drilling mud that was in the hole when the CSG was run

Cementing (Surface/Intermediate/Production)

- Internal: Displacement Fluid
- External: Cement Slurries to TOC, MW to surface

Full Evacuation (Production)

- Internal: Atmospheric Pressure
- External: MW of the drilling mud that was in the hole when the CSG was run

Tension Loads

Running CSG (Surface/Intermediate/Production)

- Axial load of the buoyant weight of the string plus either 100 klb over-pull or string weight in air, whichever is less

Green Cement (Surface/Intermediate/Production)

- Axial load of the buoyant weight of the string plus the cement plug bump pressure (Final displacement + 500 psi)

Burst, Collapse and Tensile SF are calculated using Landmark's Stress Check (Casing Design) software.

4. CEMENT PROGRAM:

Surface Interval

Interval	Amount sx	Ft of Fill	Type	Gal/Sk	PPG	Ft ³ /sk	24 Hr Comp
Lead: 0' - 1248' (165% Excess)	1380	1248	Premium Plus cement with 4 % Bentonite, 1% Calcium Chloride – Flake and 0.125 lbs/sk Poly-E-Flake	9.14	13.5	1.73	1006 psi
Tail: 1248 - 1560' (165% Excess)	460	312	Premium Plus cement with 2% Calcium Chloride – Flake	6.39	14.8	1.35	1326 psi

Intermediate Interval

Interval	Amount sx	Ft of Fill	Type	Gal/Sk	PPG	Ft ³ /sk	24 Hr Comp
Lead: 0' - 2364' (125% Excess)	790	2364	Light Premium Plus Cement, with 5% Salt	9.83	12.9	1.85	853 psi
Tail: 2364 - 3000' (125% Excess)	350	636	Premium Plus cement	6.34	14.8	1.33	1571 psi

Production Interval

Interval	Amount sx	Ft of Fill	Type	Gal/Sk	PPG	Ft ³ /sk	24 Hr Comp
Lead: 2500' - 8500' (80% Excess)	930	6000	Premium Cement, 14.8 lb/sk Silicalite 50/50 Blend, 15 lb/sk Scotchlite HGS-6000, 0.5 lb/sk CFR-3, 0.15 lb/sk WG-17, 1 lb/sk Cal-Seal 60, 1.5 lb/sk Salt, 2% Calcium Chloride-Flake	12.45	10.6	2.69	646 psi
Tail: 8500' - 14610' (40% Excess)	1330	6110	Super H Cement, 3 lbm/sk Salt, 0.4% CFR 3, 0.5% Halad 344, 0.2% HR-800	8.40	13.2	1.64	1447 psi

Cement Additives: Bentonite (Lightweight Additive), Calcium Chloride (accelerator), Halad-344 (low fluid loss control), HR-800 (retarder), Salt (salt), Silicalite (Additive Material), CFR-3 (Dispersant), Schotchlite HGS 6000 (Light Weight Additive), WG-17 (Gelling Agent), Cal-Seal 60 (Accelerator)

5. DIRECTIONAL PLAN

Please see attached directional plan

6. PRESSURE CONTROL EQUIPMENT

Surface: 0' – 1560' None.

Intermediate and Production: 3000' MD/TVD – 14610' MD / 9211' TVD. Intermediate and Production hole will be drilled with a 13-5/8" 10M three ram stack with a 5M annular preventer and a 5M Choke Manifold.

- See COA*
- 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 surface casing shoe. A Multibowl wellhead system will be used in this well therefore the BOPE test will cover the test requirements for the Intermediate and Production sections.
 - The Surface and Intermediate casings strings will be tested to 70% of their burst rating for 30 minutes. This will also test the seals of the lock down pins that hold the pack-off in place in the Multibowl wellhead system.
 - Pipe rams will be function tested every 24 hours and blind rams will be tested 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.
 - The BOPE test will be repeated within 21 days of the original test, on the first trip, if drilling the intermediate or production section takes more time than planned.
 - Other accessory BOP equipment will include a Kelly cock, floor safety valve, choke lines, and choke manifold having a 5000 psi working pressure rating and tested to 5000 psi.
 - See COA* The Operator also requests a variance to connect the BOP choke outlet to the choke manifold using a co-flex hose manufactured by Contitech Rubber Industrial KFT. It is a 3" ID x 35' flexible hose with a 10,000 psi working pressure. It has been tested to 15,000 psi and is built to API Spec 16C. Once the flex line is installed it will be tied down with safety clamps (certifications attached).
 - BOP & Choke manifold diagrams attached.

7. MUD PROGRAM:

See COA

Depth	Mud Wt ppg	Vis Sec	Fluid Loss	Type System
0 – 1560' <i>1595'</i>	8.5 – 9.0	28 – 38	NC	Fresh Water / Spud Mud
1560' – 3000' <i>2950'</i>	9.8 – 10.2	28 – 32	NC	Fresh Water / NaCl Brine
3000' – 8500'	8.8 – 9.2	28 – 34	NC	Cut Brine / Sweeps
8500' – 14610'	9.2 – 9.4	32 – 50	< 10	Salt Gel / Starch

Remarks: 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.

Appropriately weighted mud will be used to isolate potential gas, oil, and water zones until such time as casing can be cemented into place for zonal isolation.

8. AUXILIARY WELL CONTROL AND MONITORING EQUIPMENT

- A full opening drill pipe stabbing valve having the appropriate connections will be on the rig floor unobstructed and readily accessible at all times.

9. POTENTIAL HAZARDS:

- See COA*
- H2S detection equipment will be in operation after drilling out the surface casing shoe until the production casing has been cemented. Breathing equipment will be on location from drilling out the surface shoe until production casing is cemented. If H2S is encountered the operator will comply with Onshore Order #6.

- b. No abnormal temperatures or pressures are anticipated. The highest anticipated pressure gradient is 0.46 psi/ft. Maximum anticipated bottom hole pressure is between 4200 and 4300 psi.
- c. 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.

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 35 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.

10. WIRELINE LOGGING / MUD LOGGING / LWD

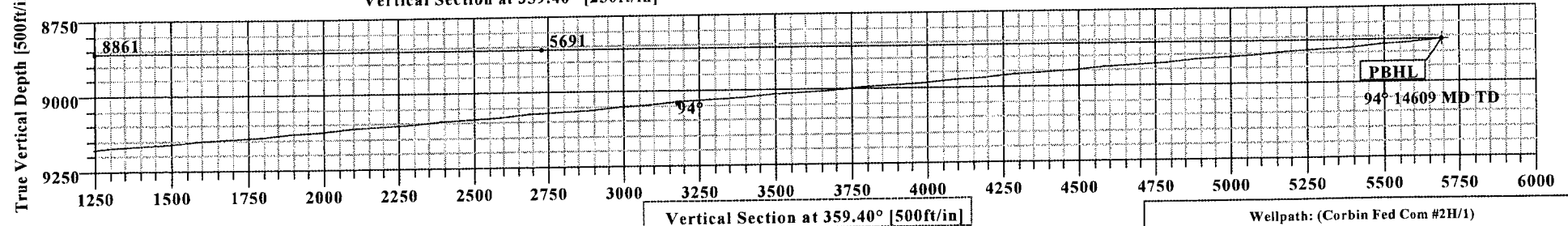
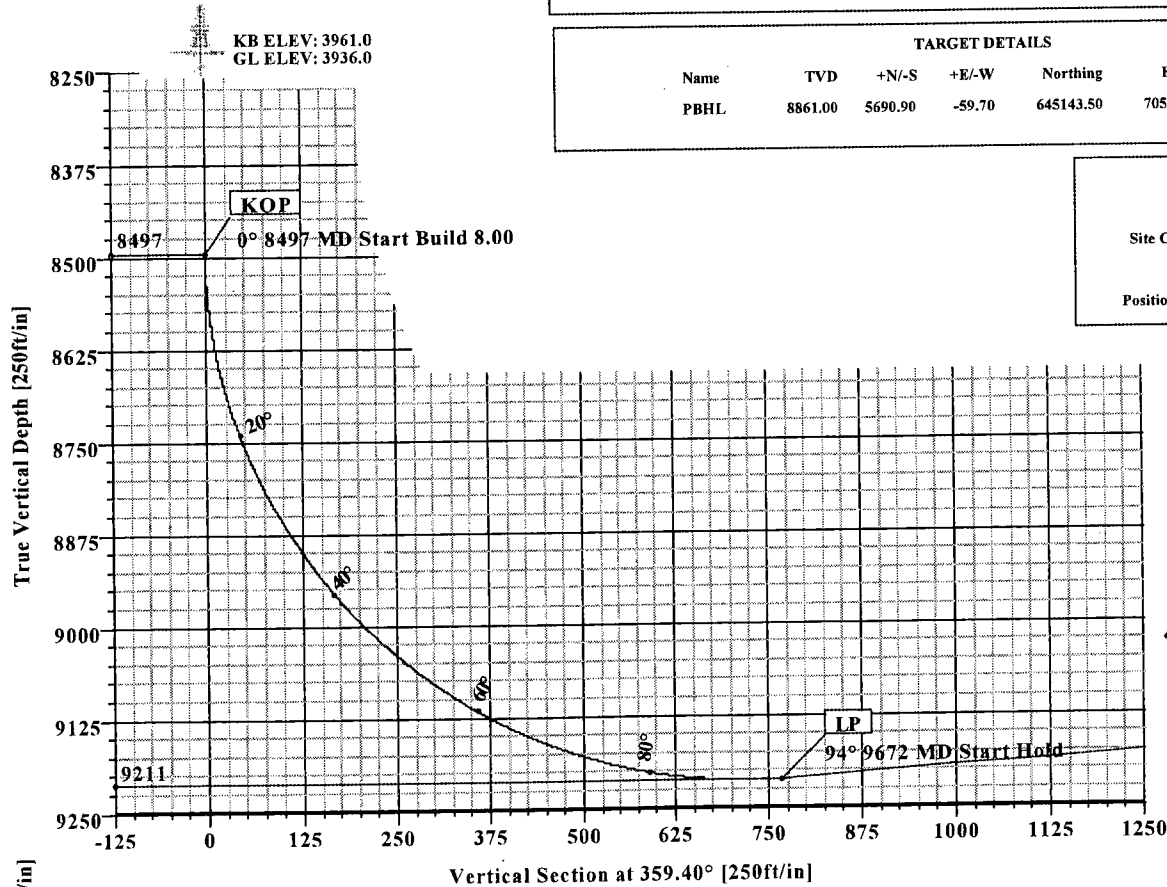
- d. Run wireline – Triple Combo
 - GR, Den, Neu, Res, Sonic from KOP to base of intermediate casing.
 - GR, Neutron from TD to surface
- e. Mud loggers to be rigged up from base of intermediate casing to TD
- f. Acquire MWD/GR while drilling, from KOP to TD

COMPANY PERSONNEL:

<u>Name</u>	<u>Title</u>	<u>Office Phone</u>	<u>Mobile Phone</u>
Carlos Mercado	Drilling Engineer	(713)366-5418	(281) 455-3481
Sebastian Millan	Drilling Engineer Supervisor	(713)350-4950	(832)528-3268
Roger Allen	Drilling Superintendent	(713)215-7617	(281)682-3919
Oscar Quintero	Drilling Manager	(713)985-6343	(713)689-4946



Corbin Fed Com #2H Lea Co, New Mexico



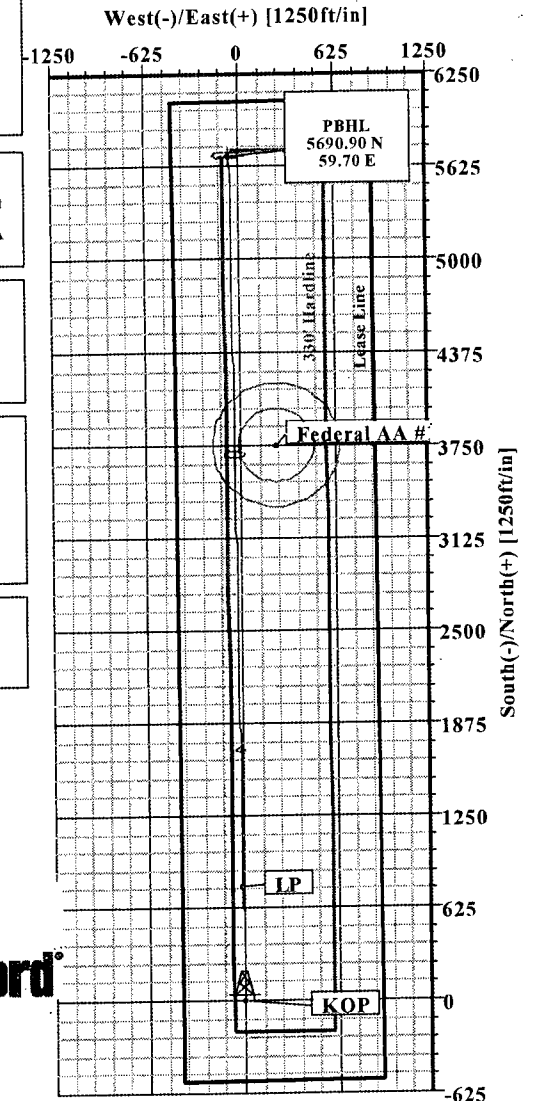
SECTION DETAILS										
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	359.40	0.00	0.00	0.00	0.00	0.00	0.00	
2	8496.61	0.00	359.40	8496.61	0.00	0.00	0.00	0.00	0.00	
3	9672.43	94.07	359.40	9211.00	766.93	-8.05	8.00	359.40	766.97	
4	14609.09	94.07	359.40	8861.00	5690.90	-59.70	0.00	0.00	5691.21	PBHL

WELL DETAILS						
Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
Corbin Fed Com #2H	0.00	0.00	639452.60	705068.40	32°45'22.223N	103°39'58.626W

TARGET DETAILS						
Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
PBHL	8861.00	5690.90	-59.70	645143.50	705008.70	Point

SITE DETAILS	
Corbin Fed Com #2H	
Site Centre Northing: 639452.60	
Easting: 705068.40	
Ground Level: 3936.00	
Positional Uncertainty: 0.00	
Convergence: 0.36	

LEGEND	
	Federal AA #1 (1)
	Plan #1
	Plan #1





Weatherford International Ltd.

WFT Plan Report - X & Y's



Weatherford

Company: Occidental Permian Ltd	Date: 1/21/2013	Time: 09:24:28	Page: 1
Field: Lea Co. New Mexico (Nad 27)	Co-ordinate(NE) Reference: Well: Corbin Fed Com #2H Grid North		
Site: Corbin Fed Com #2H	Vertical (TVD) Reference: SITE 3961.0		
Well: Corbin Fed Com #2H	Section (VS) Reference: Well (0.00N;0.00E;359.40Azi)		
Wellpath: 1	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Plan: Plan #1	Date Composed: 1/21/2013
Principal: Yes	Version: 1
	Tied-to: From Surface

Site: Corbin Fed Com #2H

Site Position:	Northing: 639452.60 ft	Latitude: 32 45 22.223 N
From: Map	Easting: 705068.40 ft	Longitude: 103 39 58.626 W
Position Uncertainty: 0.00 ft		North Reference: Grid
Ground Level: 3936.00 ft		Grid Convergence: 0.36 deg

Well: Corbin Fed Com #2H	Slot Name:
Well Position: +N/-S 0.00 ft	Northing: 639452.60 ft
+E/-W 0.00 ft	Easting: 705068.40 ft
Position Uncertainty: 0.00 ft	Latitude: 32 45 22.223 N
	Longitude: 103 39 58.626 W

Wellpath: 1	Drilled From: Surface
Current Datum: SITE	Tie-on Depth: 0.00 ft
Magnetic Data: 7/1/2013	Above System Datum: Mean Sea Level
Field Strength: 48747 nT	Declination: 7.42 deg
Vertical Section: Depth From (TVD)	Mag Dip Angle: 60.61 deg
ft	+N/-S
	+E/-W
	Direction
	deg
8861.00	0.00
	0.00
	359.40

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	359.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8496.61	0.00	359.40	8496.61	0.00	0.00	0.00	0.00	0.00	0.00	
9672.43	94.07	359.40	9211.00	766.93	-8.05	8.00	8.00	0.00	359.40	
14609.09	94.07	359.40	8861.00	5690.90	-59.70	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
8400.00	0.00	359.40	8400.00	0.00	0.00	0.00	0.00	639452.60	705068.40	
8496.61	0.00	359.40	8496.61	0.00	0.00	0.00	0.00	639452.60	705068.40	KOP
8500.00	0.27	359.40	8500.00	0.01	0.00	0.01	8.00	639452.61	705068.40	
8550.00	4.27	359.40	8549.95	1.99	-0.02	1.99	8.00	639454.59	705068.38	
8600.00	8.27	359.40	8599.64	7.45	-0.08	7.45	8.00	639460.05	705068.32	
8650.00	12.27	359.40	8648.83	16.36	-0.17	16.36	8.00	639468.96	705068.23	
8700.00	16.27	359.40	8697.28	28.69	-0.30	28.69	8.00	639481.29	705068.10	
8750.00	20.27	359.40	8744.75	44.36	-0.47	44.36	8.00	639496.96	705067.93	
8800.00	24.27	359.40	8791.01	63.30	-0.66	63.31	8.00	639515.90	705067.74	
8850.00	28.27	359.40	8835.83	85.43	-0.90	85.43	8.00	639538.03	705067.50	
8900.00	32.27	359.40	8879.01	110.63	-1.16	110.63	8.00	639563.23	705067.24	
8950.00	36.27	359.40	8920.32	138.77	-1.46	138.78	8.00	639591.37	705066.94	
9000.00	40.27	359.40	8959.56	169.74	-1.78	169.75	8.00	639622.34	705066.62	
9050.00	44.27	359.40	8996.55	203.36	-2.13	203.37	8.00	639655.96	705066.27	
9100.00	48.27	359.40	9031.11	239.48	-2.51	239.49	8.00	639692.08	705065.89	
9150.00	52.27	359.40	9063.06	277.93	-2.92	277.94	8.00	639730.53	705065.48	
9200.00	56.27	359.40	9092.25	318.50	-3.34	318.52	8.00	639771.10	705065.06	
9250.00	60.27	359.40	9118.54	361.02	-3.79	361.04	8.00	639813.62	705064.61	
9300.00	64.27	359.40	9141.80	405.27	-4.25	405.29	8.00	639857.87	705064.15	
9350.00	68.27	359.40	9161.92	451.03	-4.73	451.05	8.00	639903.63	705063.67	
9400.00	72.27	359.40	9178.79	498.08	-5.23	498.11	8.00	639950.68	705063.17	
9450.00	76.27	359.40	9192.34	546.20	-5.73	546.23	8.00	639998.80	705062.67	
9500.00	80.27	359.40	9202.51	595.14	-6.24	595.17	8.00	640047.74	705062.16	



Weatherford International Ltd.

WFT Plan Report - X & Y's



Weatherford

Company: Occidental Permian Ltd	Date: 1/21/2013	Time: 09:24:28	Page: 2
Field: Lea Co. New Mexico (Nad 27)	Co-ordinate(NE) Reference: Well: Corbin Fed Com #2H, Grid North		
Site: Corbin Fed Com #2H	Vertical (TVD) Reference: SITE 3961.0		
Well: Corbin Fed Com #2H	Section (VS) Reference: Well (0.00N 0.00E 359.40Azi)		
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
9550.00	84.27	359.40	9209.23	644.67	-6.76	644.71	8.00	640097.27	705061.64	
9600.00	88.27	359.40	9212.48	694.56	-7.29	694.59	8.00	640147.16	705061.11	
9650.00	92.27	359.40	9212.24	744.54	-7.81	744.58	8.00	640197.14	705060.59	
9672.43	94.07	359.40	9211.00	766.93	-8.05	766.97	8.00	640219.53	705060.35	LP
9700.00	94.07	359.40	9209.05	794.43	-8.33	794.48	0.00	640247.03	705060.07	
9800.00	94.07	359.40	9201.96	894.18	-9.38	894.23	0.00	640346.78	705059.02	
9900.00	94.07	359.40	9194.87	993.92	-10.43	993.97	0.00	640446.52	705057.97	
10000.00	94.07	359.40	9187.78	1093.66	-11.47	1093.72	0.00	640546.26	705056.93	
10100.00	94.07	359.40	9180.69	1193.41	-12.52	1193.47	0.00	640646.01	705055.88	
10200.00	94.07	359.40	9173.60	1293.15	-13.57	1293.22	0.00	640745.75	705054.83	
10300.00	94.07	359.40	9166.51	1392.89	-14.61	1392.97	0.00	640845.49	705053.79	
10400.00	94.07	359.40	9159.42	1492.63	-15.66	1492.72	0.00	640945.23	705052.74	
10500.00	94.07	359.40	9152.33	1592.38	-16.70	1592.46	0.00	641044.98	705051.70	
10600.00	94.07	359.40	9145.24	1692.12	-17.75	1692.21	0.00	641144.72	705050.65	
10700.00	94.07	359.40	9138.15	1791.86	-18.80	1791.96	0.00	641244.46	705049.60	
10800.00	94.07	359.40	9131.06	1891.61	-19.84	1891.71	0.00	641344.21	705048.56	
10900.00	94.07	359.40	9123.97	1991.35	-20.89	1991.46	0.00	641443.95	705047.51	
11000.00	94.07	359.40	9116.88	2091.09	-21.94	2091.21	0.00	641543.69	705046.46	
11100.00	94.07	359.40	9109.79	2190.83	-22.98	2190.95	0.00	641643.43	705045.42	
11200.00	94.07	359.40	9102.70	2290.58	-24.03	2290.70	0.00	641743.18	705044.37	
11300.00	94.07	359.40	9095.61	2390.32	-25.08	2390.45	0.00	641842.92	705043.32	
11400.00	94.07	359.40	9088.52	2490.06	-26.12	2490.20	0.00	641942.66	705042.28	
11500.00	94.07	359.40	9081.43	2589.81	-27.17	2589.95	0.00	642042.41	705041.23	
11600.00	94.07	359.40	9074.34	2689.55	-28.21	2689.70	0.00	642142.15	705040.19	
11700.00	94.07	359.40	9067.25	2789.29	-29.26	2789.45	0.00	642241.89	705039.14	
11800.00	94.07	359.40	9060.16	2889.03	-30.31	2889.19	0.00	642341.63	705038.09	
11900.00	94.07	359.40	9053.07	2988.78	-31.35	2988.94	0.00	642441.38	705037.05	
12000.00	94.07	359.40	9045.98	3088.52	-32.40	3088.69	0.00	642541.12	705036.00	
12100.00	94.07	359.40	9038.89	3188.26	-33.45	3188.44	0.00	642640.86	705034.95	
12200.00	94.07	359.40	9031.80	3288.01	-34.49	3288.19	0.00	642740.61	705033.91	
12300.00	94.07	359.40	9024.71	3387.75	-35.54	3387.94	0.00	642840.35	705032.86	
12400.00	94.07	359.40	9017.62	3487.49	-36.59	3487.68	0.00	642940.09	705031.81	
12500.00	94.07	359.40	9010.53	3587.23	-37.63	3587.43	0.00	643039.83	705030.77	
12600.00	94.07	359.40	9003.44	3686.98	-38.68	3687.18	0.00	643139.58	705029.72	
12700.00	94.07	359.40	8996.35	3786.72	-39.72	3786.93	0.00	643239.32	705028.68	
12800.00	94.07	359.40	8989.26	3886.46	-40.77	3886.68	0.00	643339.06	705027.63	
12900.00	94.07	359.40	8982.17	3986.21	-41.82	3986.43	0.00	643438.81	705026.58	
13000.00	94.07	359.40	8975.08	4085.95	-42.86	4086.17	0.00	643538.55	705025.54	
13100.00	94.07	359.40	8967.99	4185.69	-43.91	4185.92	0.00	643638.29	705024.49	
13200.00	94.07	359.40	8960.90	4285.43	-44.96	4285.67	0.00	643738.03	705023.44	
13300.00	94.07	359.40	8953.81	4385.18	-46.00	4385.42	0.00	643837.78	705022.40	
13400.00	94.07	359.40	8946.72	4484.92	-47.05	4485.17	0.00	643937.52	705021.35	
13500.00	94.07	359.40	8939.63	4584.66	-48.10	4584.92	0.00	644037.26	705020.30	
13600.00	94.07	359.40	8932.54	4684.41	-49.14	4684.66	0.00	644137.01	705019.26	
13700.00	94.07	359.40	8925.45	4784.15	-50.19	4784.41	0.00	644236.75	705018.21	
13800.00	94.07	359.40	8918.36	4883.89	-51.23	4884.16	0.00	644336.49	705017.17	
13900.00	94.07	359.40	8911.27	4983.63	-52.28	4983.91	0.00	644436.23	705016.12	
14000.00	94.07	359.40	8904.18	5083.38	-53.33	5083.66	0.00	644535.98	705015.07	
14100.00	94.07	359.40	8897.09	5183.12	-54.37	5183.41	0.00	644635.72	705014.03	
14200.00	94.07	359.40	8890.00	5282.86	-55.42	5283.15	0.00	644735.46	705012.98	
14300.00	94.07	359.40	8882.91	5382.61	-56.47	5382.90	0.00	644835.21	705011.93	
14400.00	94.07	359.40	8875.82	5482.35	-57.51	5482.65	0.00	644934.95	705010.89	



Weatherford International Ltd.

WFT Plan Report - X & Y's



Weatherford

Company: Occidental Permian Ltd
Field: Lea Co, New Mexico (Nad 27)
Site: Corbin Fed Com #2H
Well: Corbin Fed Com #2H
Wellpath: 1

Date: 1/21/2013
Co-ordinate(NE) Reference: Well: Corbin Fed Com #2H, Grid North
Vertical (TVD) Reference: SITE 3961.0
Section (VS) Reference: Well (0.00N,0.00E,359.40Azi)
Survey Calculation Method: Minimum Curvature
Db: Sybase

Time: 09:24:28
Page: 3

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
14500.00	94.07	359.40	8868.73	5582.09	-58.56	5582.40	0.00	645034.69	705009.84	
14609.09	94.07	359.40	8861.00	5690.90	-59.70	5691.21	0.00	645143.50	705008.70	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
PBHL			8861.00	5690.90	-59.70	645143.50	705008.70	32 46 18.537 N	103 39 58.905 W

Casing Points

MD	TVD	Diameter	Hole Size	Name

Annotation

MD ft	TVD ft	
8496.61	8496.61	KOP
9672.43	9211.00	LP
14609.08	8861.00	PBHL

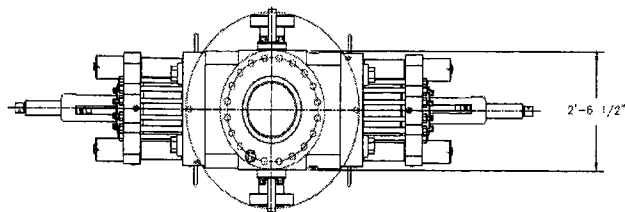
Formations

MD	TVD	Formations	Lithology	Dip Angle	Dip Direction

Field: Lea Co, New Mexico (Nad 27)

Map System: US State Plane Coordinate System 1927
Geo Datum: NAD27 (Clarke 1866)
Sys Datum: Mean Sea Level

Map Zone: New Mexico, Eastern Zone
Coordinate System: Well Centre
Geomagnetic Model: IGRF2010



- 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

SHAFFER BOLTED-COVER SPHERICAL ANNULAR PREVENTER (API 16A MONOGRAMMED, 13 5/8"-10M WP), 10M BOTTOM FLANGE x 5M STUDDED TOP (WEIGHT = 14,300 LBS WITH SHAFFER API 16A HOT OIL RESISTANT ACRYLONITRILE ELEMENT)

CAMERON UM DOUBLE RAM-TYPE PREVENTER (API 16A MONOGRAMMED, 13 5/8"-10M WP), WITH 5" CAMERON PIPE RAMS (CAMRAM FRONT PACKERS & TOP SEALS) IN TOP CAVITY AND CAMERON DS SHEARING BLIND RAMS IN BOTTOM CAVITY. BOTTOM FLANGE x STUDDED TOP (WEIGHT = 21,100 LBS WITH RAMS)

13 5/8"-10M WP CAMERON DRILLING SPOOL (API 16A MONOGRAMMED), STUDDED TOP x FLANGED BOTTOM WITH 4 1/16"-10M WP FLANGED OUTLETS (WEIGHT APPROXIMATELY 6,000 LBS)

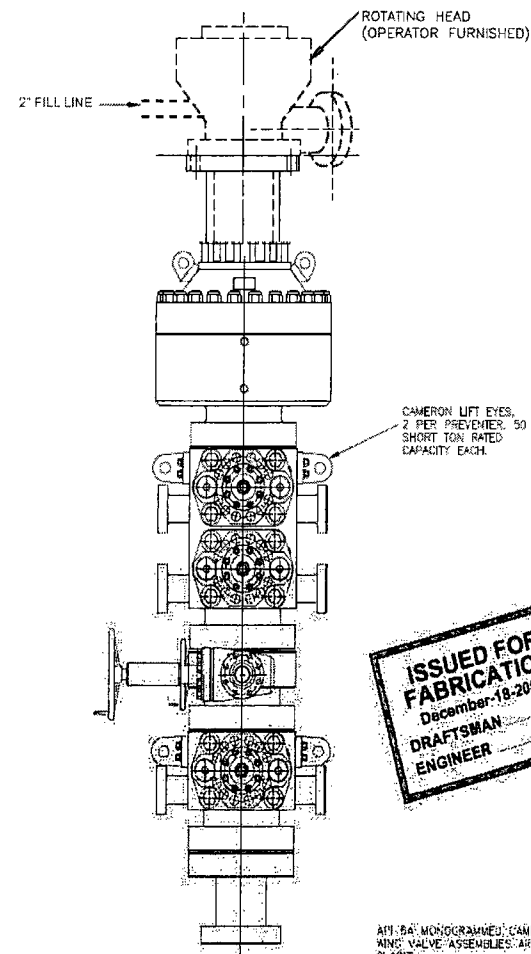
CAMERON UM SINGLE RAM-TYPE PREVENTER (API 16A MONOGRAMMED, 13 5/8"-10M WP) WITH 5" CAMERON PIPE RAMS (CAMRAM FRONT PACKERS & TOP SEALS) BOTTOM FLANGE x STUDDED TOP (WEIGHT = 10,900 LBS)

H&P FURNISHED
13 5/8"-10M x 13 5/8"-5M
ADAPTER SPOOL 2'-0" LONG

13 5/8 - 10M BOP STACK WITH 13 5/8 - 5M ANNULAR

PROPRIETARY

THIS DRAWING AND THE FIGS. AND INFORMATION INCLUDED IN THIS DRAWING ARE PROPRIETARY AND ARE NOT TO BE REPRODUCED, REPRINTED, OR OTHERWISE USED IN ANY MANNER WITHOUT THE PRIOR WRITTEN CONSENT OF A duly authorized officer of HELMERICH & PAYNE INTERNATIONAL DRILLING CO.



**ISSUED FOR
FABRICATION**
December-19-2007
DRAFTSMAN
ENGINEER

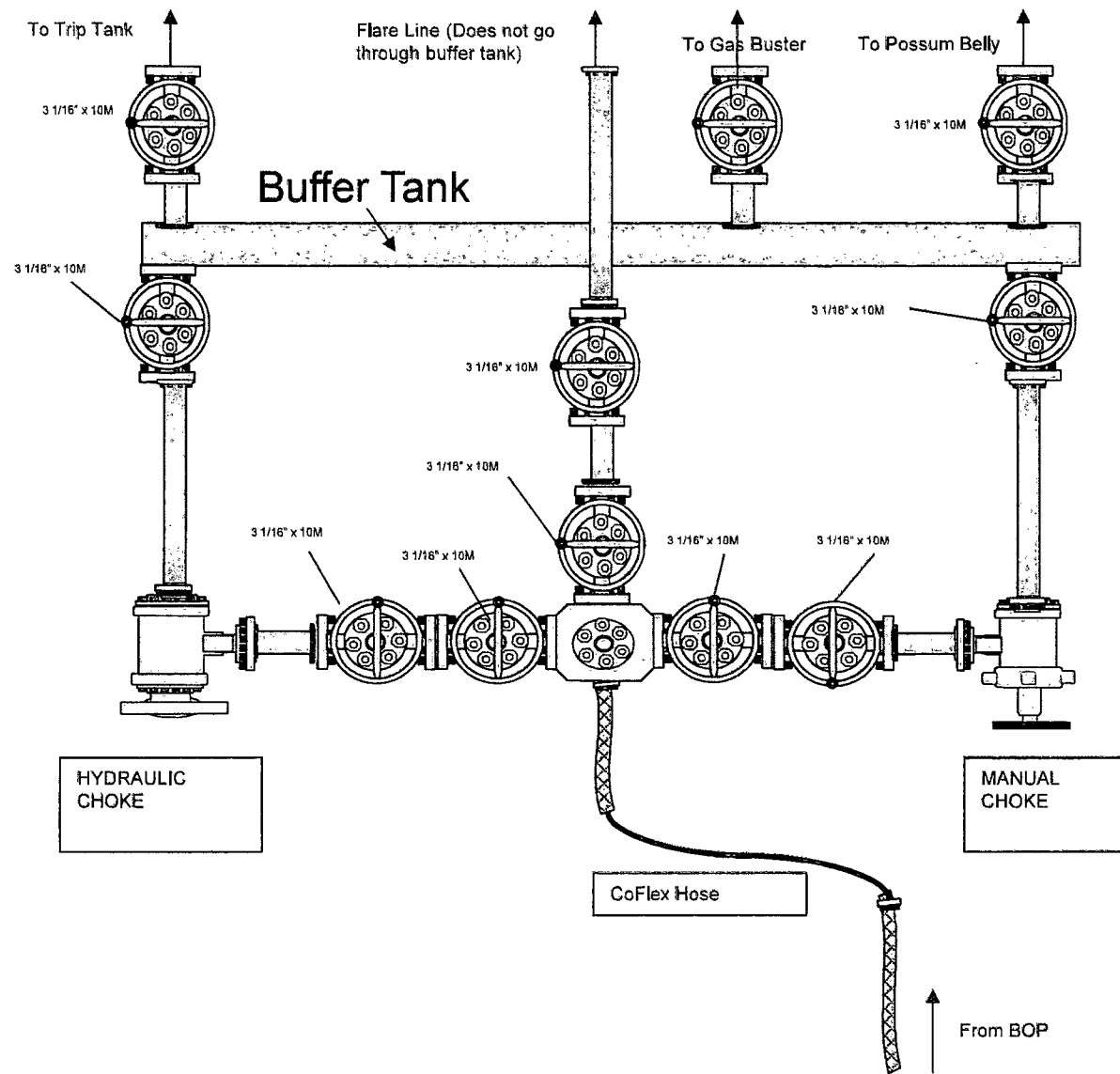
API 16A MONOGRAMMED CAMERON SHORE AND KILL MMS VALVE ASSEMBLIES ARE NOT SHOWN FOR CLARITY

WEIGHTS DO NOT INCLUDE HOSES, ADAPTER SPOOLS OR QUICK CONNECT FITTINGS

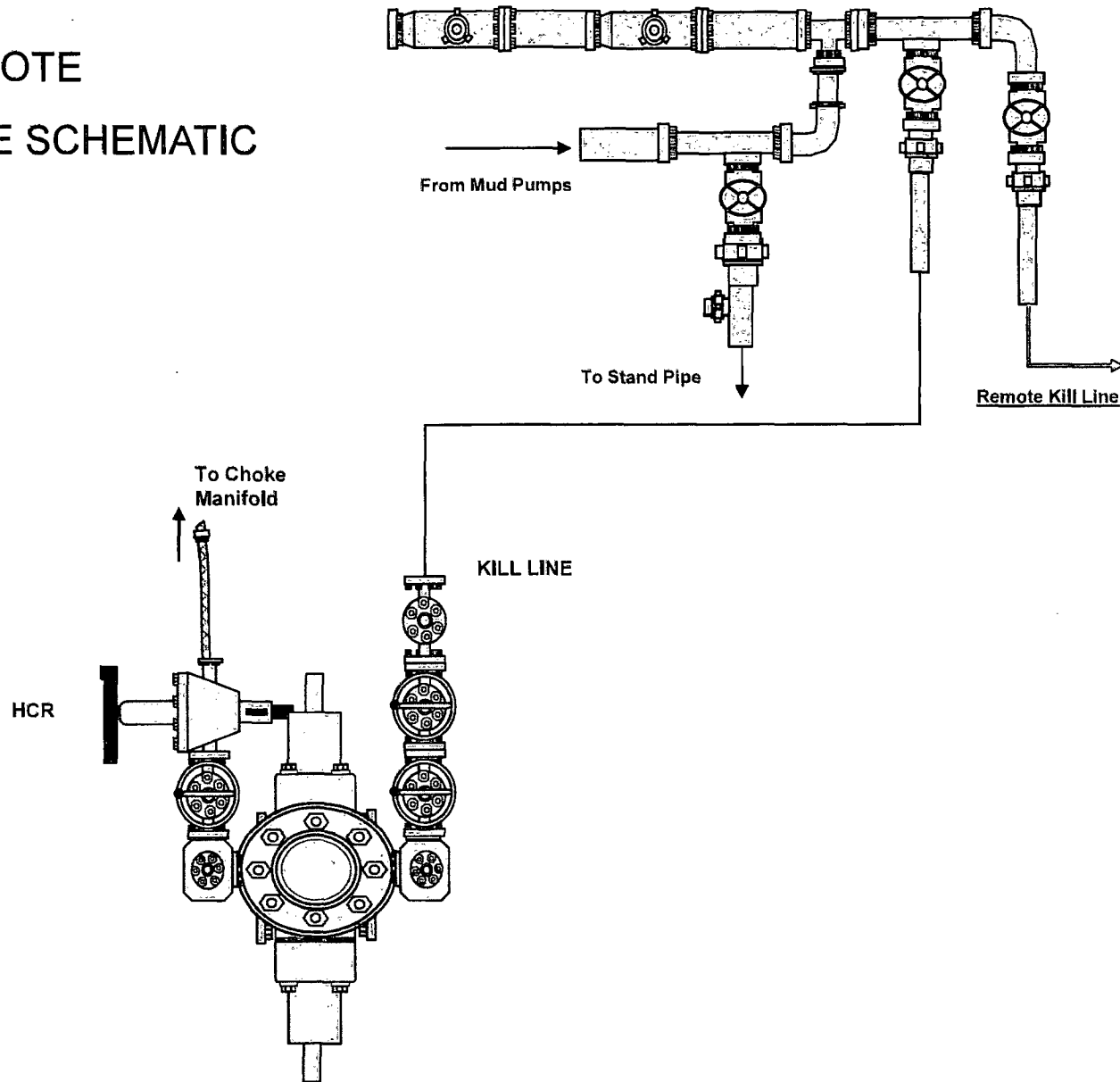
**HELMERICH & PAYNE
INTERNATIONAL DRILLING CO.**

ENGINEERING APPROVAL		DATE	TITLE
12/19/07	DESIGN SHEET 01	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 02	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 03	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 04	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 05	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 06	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 07	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 08	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 09	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 10	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 11	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 12	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 13	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 14	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 15	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 16	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 17	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 18	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 19	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 20	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 21	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 22	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 23	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 24	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 25	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 26	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 27	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 28	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 29	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 30	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 31	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 32	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 33	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 34	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 35	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 36	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 37	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 38	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 39	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 40	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 41	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 42	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 43	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 44	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 45	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 46	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 47	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 48	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 49	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 50	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 51	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 52	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 53	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 54	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 55	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 56	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 57	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 58	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 59	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 60	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 61	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 62	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 63	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 64	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 65	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 66	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 67	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 68	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 69	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 70	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 71	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 72	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 73	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 74	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 75	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 76	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 77	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 78	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 79	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 80	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 81	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 82	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 83	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 84	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 85	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 86	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 87	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 88	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 89	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 90	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 91	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 92	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 93	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 94	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 95	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 96	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 97	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 98	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 99	JMS	13 5/8"-10M BOP 3 RAM STACK
12/19/07	DESIGN SHEET 100	JMS	13 5/8"-10M BOP 3 RAM STACK

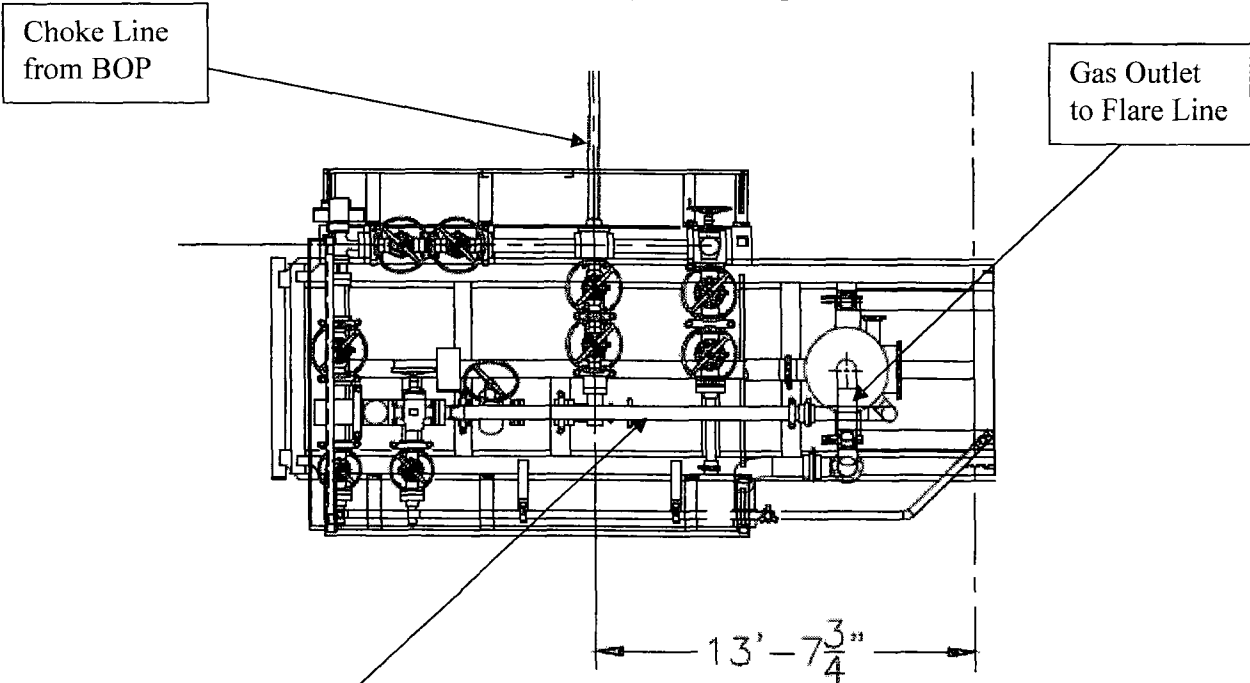
FLEX3 STD CHOKE MANIFOLD (COMPREHENSIVE)



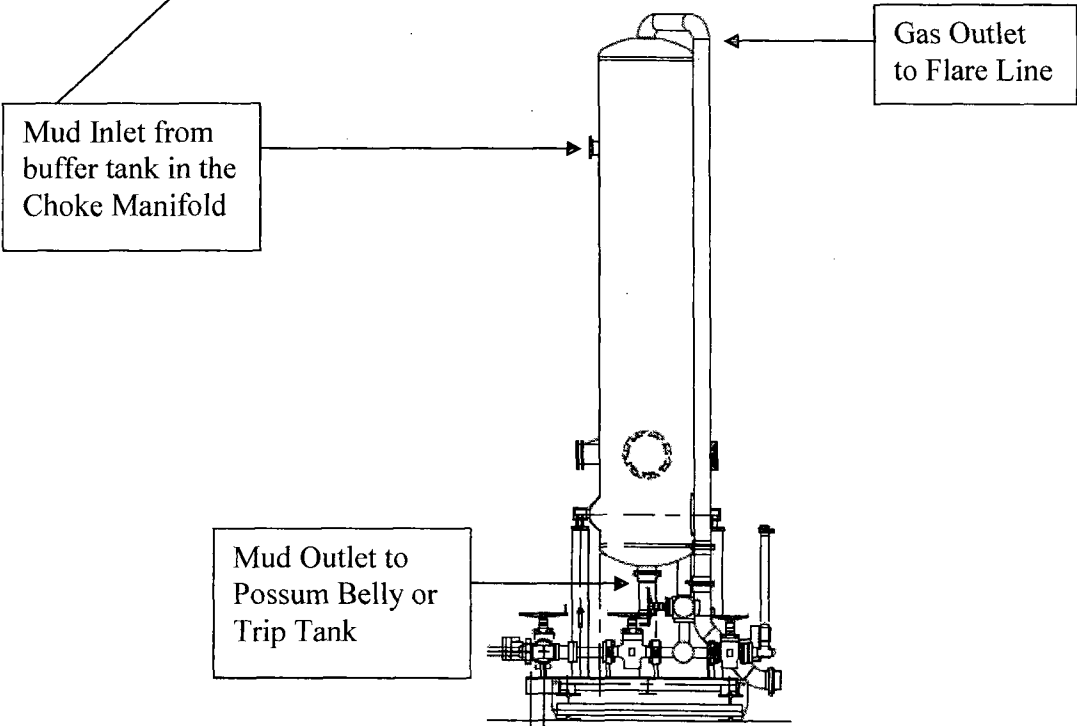
10M REMOTE KILL LINE SCHEMATIC



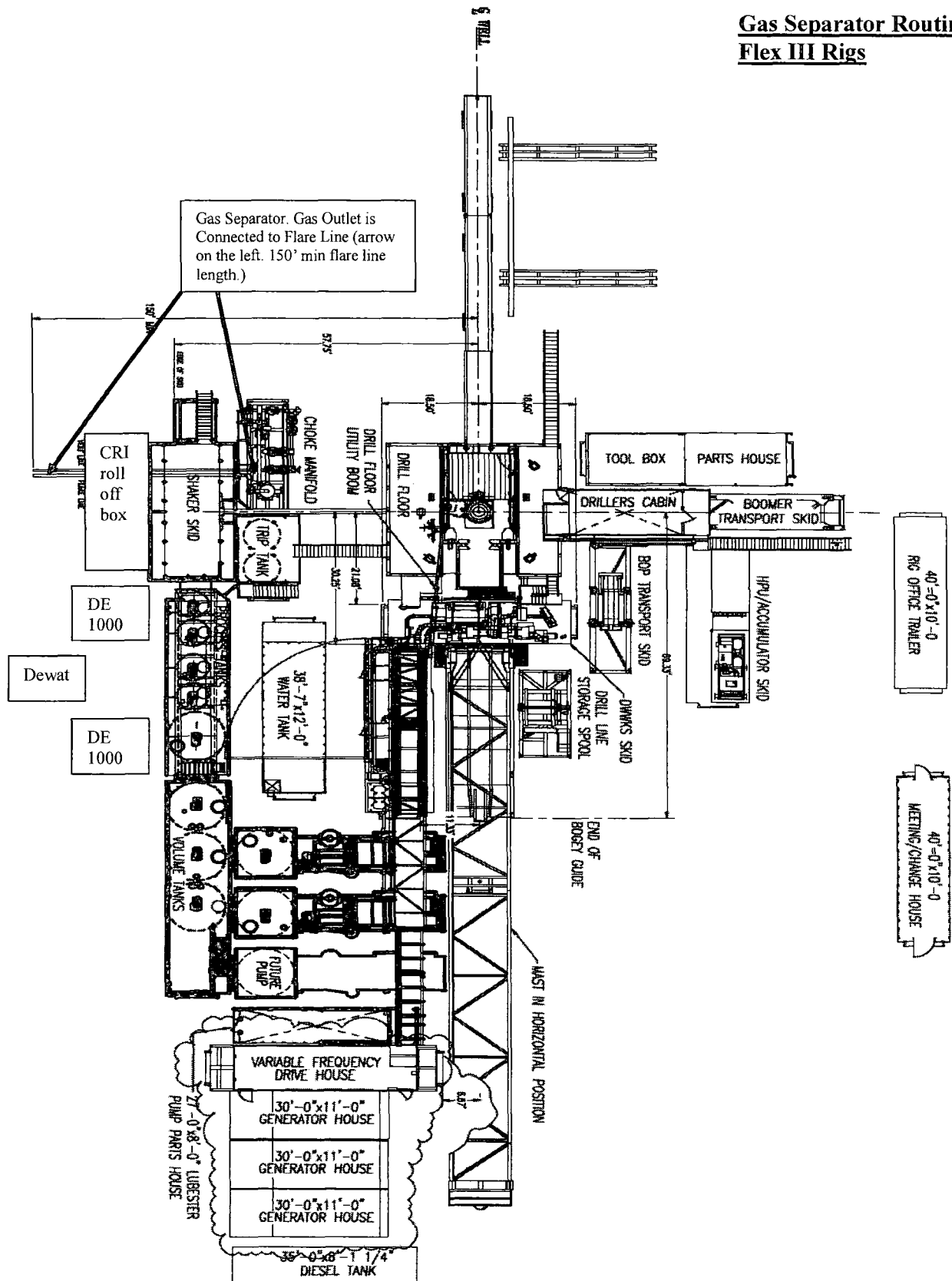
Choke Manifold – Gas Separator (Top View)



Choke Manifold – Gas Separator (Side View)



Gas Separator Routing Flex III Rigs



Coflex Hose Certification



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 4 1/16" Flange end	917	913	AISI 4130 AISI 4130	T7998A 28984	
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					

Coflex Hose Certification

Form No 100/12



Phoenix Beattie Corp

11535 Brittmoore Park Drive
Houston, TX 77041
Tel: (832) 327-0141
Fax: (832) 327-0148
E-mail: sa@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...

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.

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	DOCERT-HYDRO HYDROSTATIC PRESSURE TEST CERTIFICATE	1	1	0
6	DOCERT-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

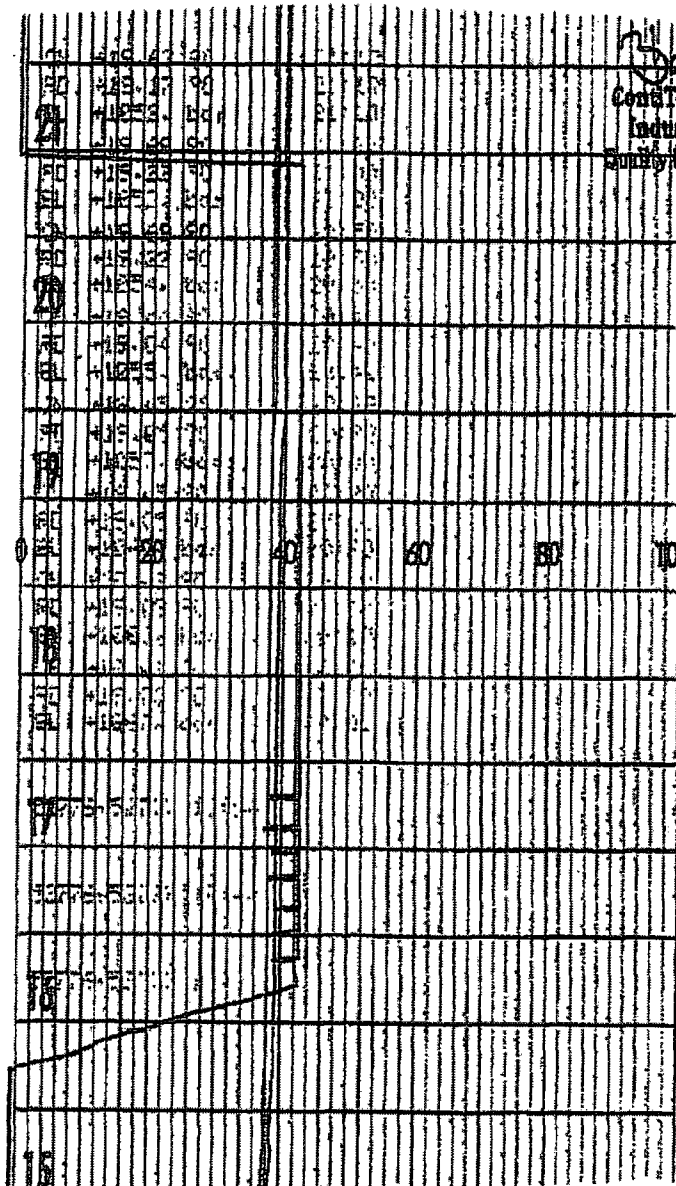
Print Name

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.

Coflex Hose Certification

Page: 1/1



3000
Cont Tech Rubber
Industrial Kft.
Supply Control Dept
(2)



Material Identification Certificate

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

[illegible]

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.

05/23/09

Coflex Hose Certification



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

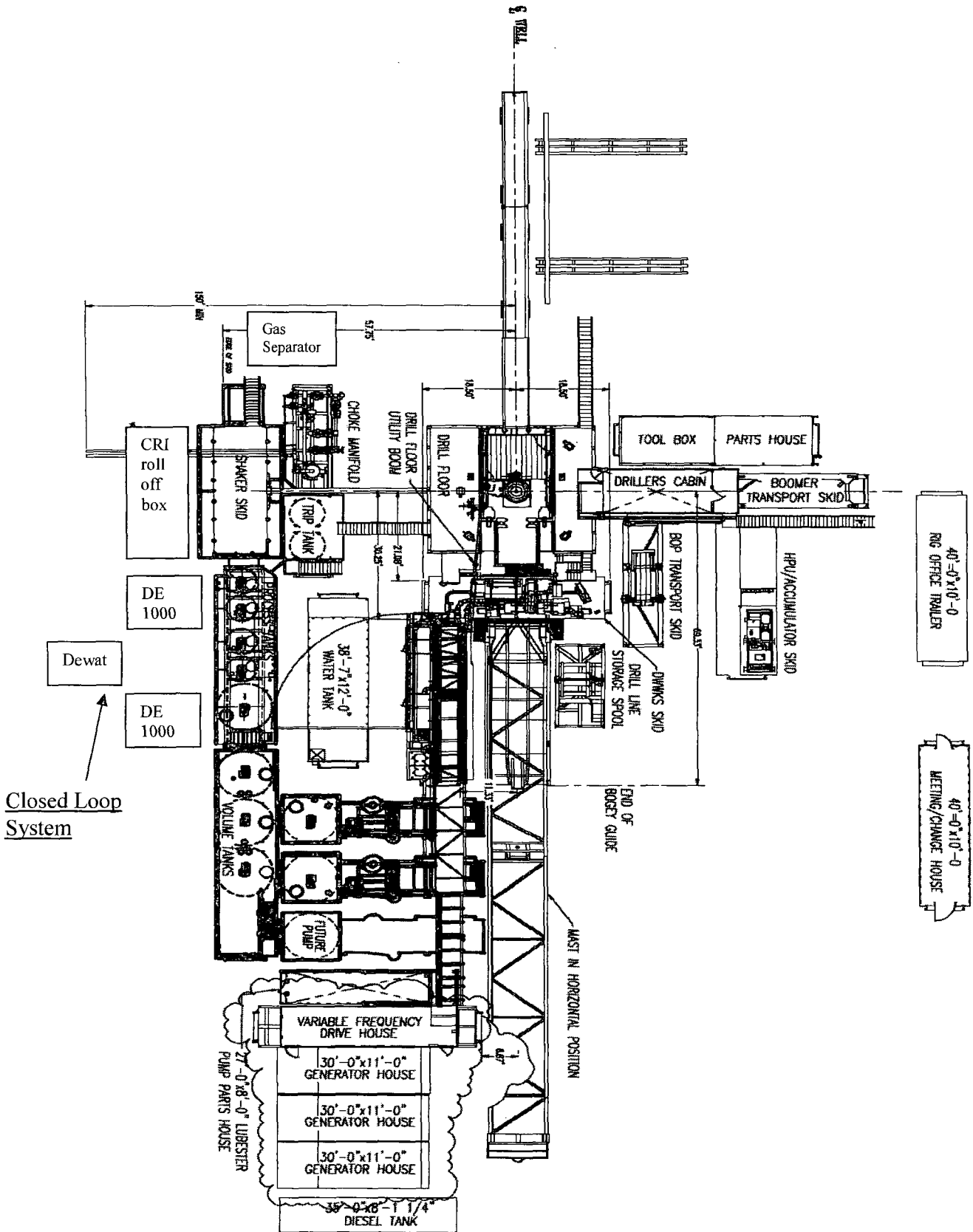
Signed :

A handwritten signature in black ink, appearing to read "Jack G. ...", written over a dotted line.

ContiTech Rubber
Industrial Kft.
Quality Control Dept.
(1)

Position: Q.C. Manager

Date: 04. April. 2008



Closed Loop System

OXY FLEX III PAD (SCOMI Closed Loop System)

Level Area-No Caliche-For Offices and Living Quarters

