

MAY 19 2015

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

ATS-14-1024

FORM APPROVED
OMB No. 1004-0137
Expires October 31, 20145. Lease Serial No.
S-NMNM128362 BH-NMNM090586

6. If Indian, Allottee or Tribe Name

7. If Unit or CA Agreement, Name and No.

8. Lease Name and Well No.
Federal 17 #2H

9. API Well No.

30-025-42576

10. Field and Pool, or Exploratory
Livingston Ridge Delaware, East

11. Sec., T. R. M. or Blk. and Survey or Area

S - Sec 17 T22S R32E
BH - Sec 8 T22S R32E

12. County or Parish

Eddy Lea

13. State

NM

1a. Type of work: ☒ DRILL ☐ REENTER1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other ☒ Single Zone ☐ Multiple Zone

2. Name of Operator OXY USA Inc. 16696

3a. Address P.O. Box 50250
Midland, TX 797103b. Phone No. (include area code)
432-685-5717

4. Location of Well (Report location clearly and in accordance with any State requirements.)

At surface 187 FSL 480 FWL SWSW(M) Sec 17 T22S R32E

At proposed prod. zone 350 FNL 990 FWL NWNW(D) Sec 8 T22S R32E

14. Distance in miles and direction from nearest town or post office*

23 miles northeast from Loving, NM

15. Distance from proposed*
location to nearest
property or lease line, ft.
(Also to nearest drig. unit line, if any)S-187'
BH-350'

16. No. of acres in lease

1080 ac

17. Spacing Unit dedicated to this well

320 ac

18. Distance from proposed location*
to nearest well, drilling, completed,
applied for, on this lease, ft.S-5162'
BH-1090'

19. Proposed Depth

8574'V 18303'M

20. BLM/BIA Bond No. on file

NMB000862 ESB000226

21. Elevations (Show whether DF, KDB, RT, GL, etc.)

3684.6' GR

22. Approximate date work will start*

06/05/2015

23. Estimated duration

35 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:

- 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

Name (Printed Typed)

David Stewart

Date

7/31/14

Title

Sr. Regulatory Advisor

david_stewart@oxy.com

Approved by (Signature)

Steve Caffey

Name (Printed Typed)

Date

MAY 14 2015

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

Kx
05/19/15

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Approval Subject to General Requirements
& Special Stipulations AttachedSEE ATTACHED FOR
CONDITIONS OF APPROVAL

MAY 20 2015

**OXY USA Inc
Federal 17 #2H
APD Drilling Data**

HOBBS OCD

MAY 19 2015

RECEIVED

OPERATOR NAME / NUMBER: OXY USA INC16696LEASE NAME / NUMBER: Federal 17 #2HFederal Lease No. S-NMNM128362BH-NMNM090586STATE: NMCOUNTY: Lea

POOL NAME/NUMBER:

Livingston Ridge Delaware, East39366

SURFACE LOCATION:

187 FSL 480 FWL SWSW(M) Sec 17 T22S R32E

SL: LAT: 32.3847195N LONG:103.7032973W X:694489.6 Y:504248.5 NAD: 27

TOP PERFORATION:

330 FSL 487 FWL SWSW(M) Sec 17 T22S R32E

SL: LAT: 32.3851126N LONG:103.7032743W X:694495.9 Y:504391.6 NAD: 27

BOTTOM HOLE LOCATION:

350 FNL 990 FWL NWNW(D) Sec 8 T22S R32E

SL: LAT: 32.4122727N LONG:103.7016813W X:694929.3 Y:514275.0 NAD: 27

APPROX GR ELEV: 3684.6'EST KB ELEV: 3708.6' (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 - RKB	Expected Fluids
T. Rustler	1259	--
T. Salt	1436	--
B. Salt/Anhydrite	4597	--
T. Delaware/Lamar	4694	--
T. Bell Canyon	4803	Form. Water
T. Cherry Canyon	5873	Oil/Gas
T. Brushy Canyon	6840	Oil/Gas
Target : Brushy Canyon	8574	Oil/Gas

Fresh water may be present above the Rustler. Potential fresh water zones will be protected by the surface casing.

LATERAL GREATEST PROJECTED TD: 18303' MD / 8574' TVD**OBJECTIVE: Delaware-Brushy Canyon****3. CASING PROGRAM**

See COA

New 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	0-1285	13.375	48	H40	STC	12.715	New	1730	740	1.54	2.39	2.09

1000'

New Intermediate Casing ran in a 12.25" hole filled with 10.2 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
12.25	0-4700	9.625	36	J55	LTC	8.921	New	3520	2020	1.36	3.17	2.44

New Production Casing ran in a 8.75" hole filled with 9.2 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	0-8900	7.00	29	L80	BTC	6.125	New	8160	7020	2.66	1.69	2.30

Completion System Liner ran in a 6.125" 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
6.125	7800-18303	4.50	13.5	L80	BTC	3.795	New	9020	8540	2.94	2.04	1.72

A completion system with open hole packers will be run in the production lateral to a depth of 18303'. It will not be cemented. Top of the liner will be at approximately 7800'.

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 pressure + 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' – 985' (150% Excess)	600	985'	Premium Plus cement with 4% Bentonite (light weight additive), 1% Calcium Chloride – Flake (Accelerator), 0.125 lb/sk Poly-E-Flake (Lost Circulation Additive)	9.14	13.5	1.73	1006 psi
Tail: 985' – 1285' ^{1000'} (150% Excess)	280	300'	Premium Plus cement with 2% Calcium Chloride – Flake (Accelerator)	6.39	14.8	1.35	1346 psi

Intermediate Interval

Interval	Amount sx	Ft of Fill	Type	Gal/Sk	PPG	Ft ³ /sk	24 Hr Comp
Lead: 0' – 4100' (105% Excess)	1390	4100'	Light Premium Plus Cement, with 5% Salt (Accelerator)	9.83	12.9	1.85	853 psi
Tail: 4100' – 4700' (125% Excess)	390	600'	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: 3700' – 7800' (80% Excess)	300	4100'	TUNED LIGHT (TM) SYSTEM 0.80% HR-601(Retarder), 3 lbm/sk Kol-Seal (Lost Circulation Additive), 0.125 lbm/sk Poly-E-Flake (Lost Circulation Additive)	16.16	9.76	3.46	788 psi
Tail: 7800' – 8900' (40% Excess)	160	1100'	Super H Cement, 0.1% HR-800 (Retarder), 0.5 % Halad(R)-344 (Low Fluid Loss Control), 0.3 % CFR-3 (Dispersant), 2 lbm Kol-Seal (Lost Circulation Additive), 3 lbm Salt (Accelerator)	8.45	13.2	1.65	701 psi

The volumes indicated above may be revised depending on caliper measurement.

5. DIRECTIONAL PLAN

Please see attached directional plan

6. PRESSURE CONTROL EQUIPMENT

Surface: 0' – ~~1285'~~ ^{1000'} None.

Intermediate, 8-3/4" and 6-1/8" Production: 4700' MD/TVD – 8900' MD/8474' TVD – 18303' MD/8574' TVD.

The minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required to drill below the surface casing shoe shall be 5000 (5M) psi . Operator will be using a 13-5/8" 10M three ram stack w/ 5M annular preventer, & 5M Choke Manifold.

- a. The 13-5/8" 5,000 psi blowout prevention equipment will be installed and operational after setting the 13-3/8" surface casing; the rotating head body will be installed but the rubber will be installed when it becomes operationally necessary.
- b. 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

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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 8 3/4" production section.

- c. 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.
- d. Prior to drilling the 6 1/8" production section, pipe rams will be changed to 4". BOP will be re-tested at this point.
- e. 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.
- f. The BOPE test will be repeated within 21 days of the original test or on the first trip after the 21 days, if drilling the intermediate or production section takes more time than planned (Not to exceed 30 days, in compliance with the Onshore Order 2.)
- g. 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.
- h. 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).
- i. See attached BOP & Choke manifold diagrams.

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7. MUD PROGRAM:

Depth	Mud Wt ppg	Vis Sec	Fluid Loss	Type System
0 - 1285' 1000'	8.5 - 8.8	28 - 38	NC	Fresh Water / Spud Mud
1285' - 4700'	10.0 - 10.2	28 - 32	NC	NaCl Brine / Sweeps
4700' - 8900'	8.8 - 9.2	28 - 32	NC	Cut Brine / Sweeps
8900' - 18303'	9.2 - 9.4	32 - 40	< 20	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. CLOSED LOOP SYSTEM

A closed loop system will be utilized, consisting of above ground steel tanks and haul-off bins. Liquids, drilling fluids and cuttings will be disposed of at an approved facility.

9. AUXILIARY WELL CONTROL AND MONITORING EQUIPMENT

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

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cont

10. POTENTIAL HAZARDSSee
COA

- a. 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 and report to BLM.
- 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 3900 and 4000 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.

11. 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.

12. WIRELINE LOGGING / MUD LOGGING / LWD

- a. Wireline logging: None
- b. Mud loggers to be rigged up from intermediate casing shoe to TD
- c. Acquire GR while drilling, from KOP to TD

COMPANY PERSONNEL:

<u>Name</u>	<u>Title</u>	<u>Office Phone</u>	<u>Mobile Phone</u>
Linsay Earle	Drilling Engineer	(713)350-4921	(832) 596-5507
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



Federal 17 #2H
Lea Co, New Mexico

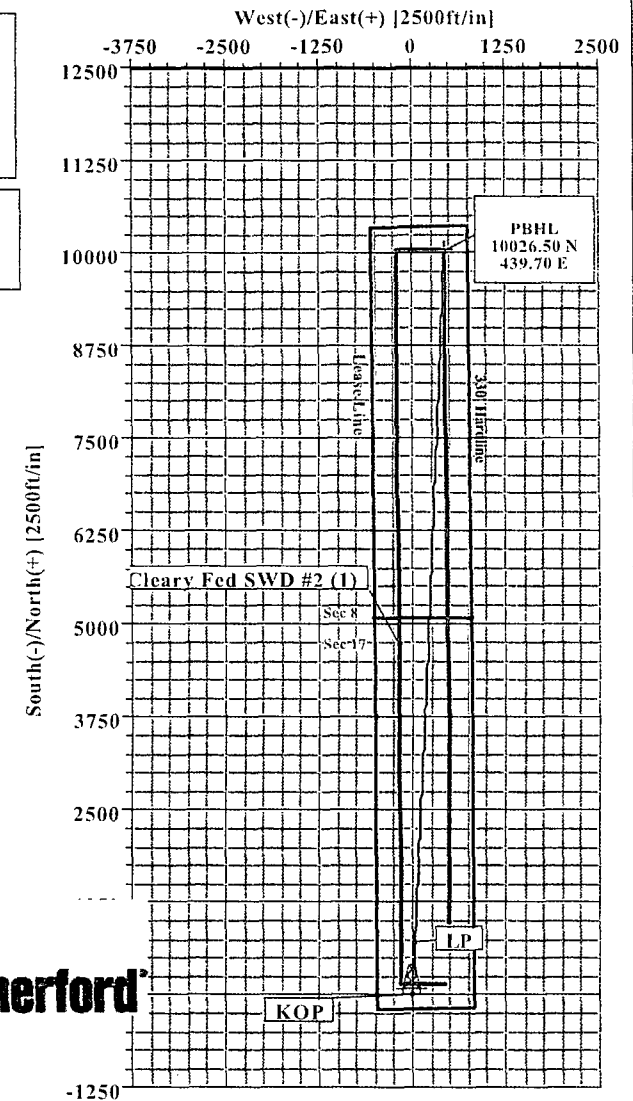
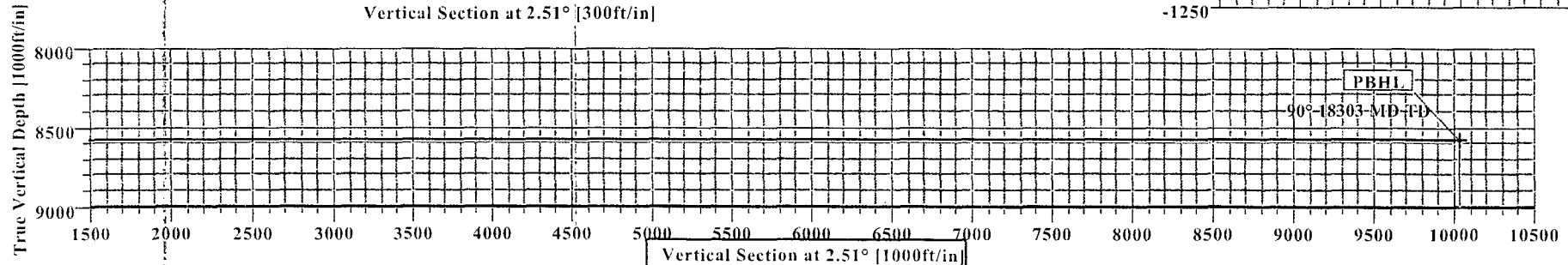
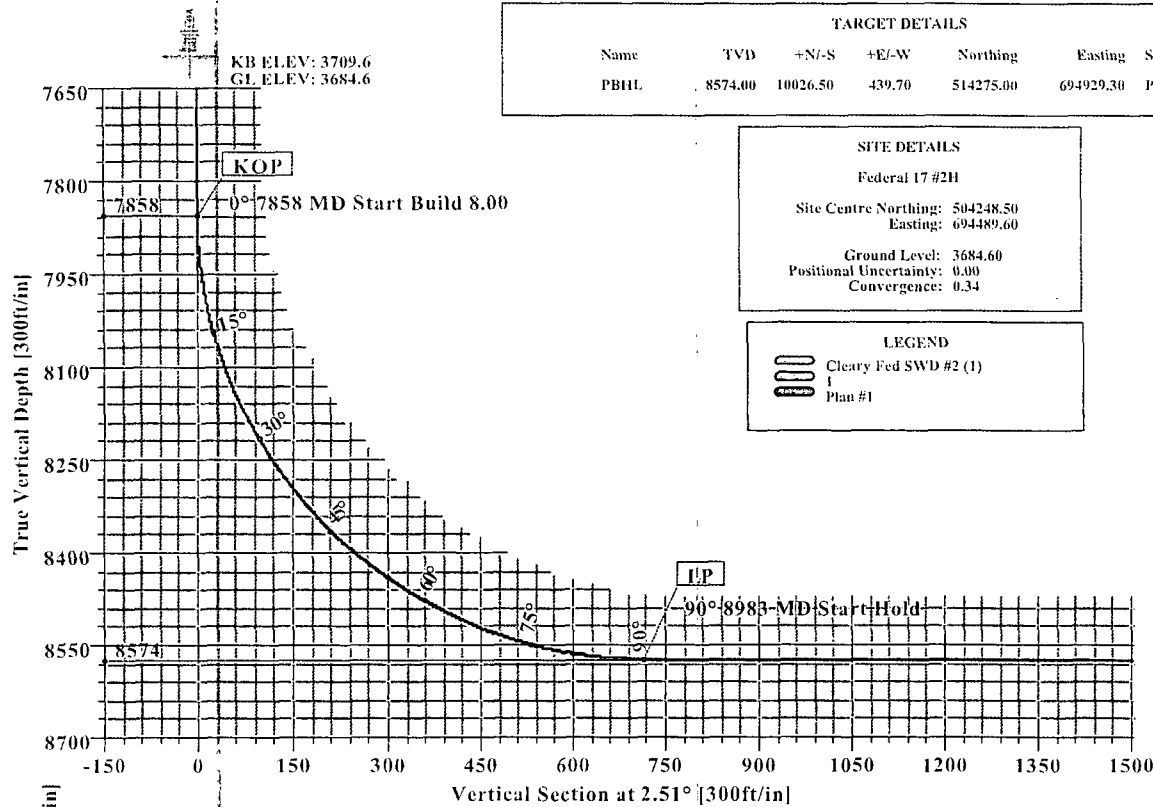
SECTION DETAILS										
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	2.51	0.00	0.00	0.00	0.00	0.00	0.00	
2	7857.80	0.00	2.51	7857.80	0.00	0.00	0.00	0.00	0.00	
3	8982.80	90.00	2.51	8574.00	715.51	31.38	8.00	2.51	716.20	
4	18302.74	90.00	2.51	8574.00	10026.50	439.70	0.00	0.00	10036.14	PBHL

WELL DETAILS							
Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
Federal 17 #2H	0.00	0.00	504248.50	694489.60	32°23'04.990N	103°42'11.871W	N/A

TARGET DETAILS						
Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
PBHL	8574.00	10026.50	439.70	514275.00	694929.30	Point

SITE DETAILS	
Federal 17 #2H	
Site Centre Northing:	504248.50
Easting:	694489.60
Ground Level:	3684.60
Positional Uncertainty:	0.00
Convergence:	0.34

LEGEND	
	Cleary Fed SWD #2 (1)
	Plan #1



Weatherford

DP-1



Weatherford International Ltd.

WFT Plan Report - X & Y's



Weatherford

DP-2

Company: Occidental Permian Ltd.		Date: 3/12/2013		Time: 12:23:36		Page: 1	
Field: Lea Co, New Mexico (Nad 27)		Co-ordinate(NF) Reference:		Well: Federal 17 #2H, Grid North			
Site: Federal 17 #2H		Vertical (TVD) Reference:		SITE 3709.6			
Well: Federal 17 #2H		Section (VS) Reference:		Well (0.00N,0.00E,2.51Azi)			
Wellpath: 1		Survey Calculation Method:		Minimum Curvature		Db: Sybase	

Plan: Plan #1		Date Composed: 3/12/2013	
Principal: Yes		Version: 1	
		Tied-to: From Surface	

Site: Federal 17 #2H			
Site Position:	Northing: 504248.50 ft	Latitude: 32 23 4.990 N	
From: Map	Easting: 694489.60 ft	Longitude: 103 42 11.871 W	
Position Uncertainty: 0.00 ft		North Reference: Grid	
Ground Level: 3684.60 ft		Grid Convergence: 0.34 deg	

Well: Federal 17 #2H		Slot Name:	
Well Position:	+N/-S 0.00 ft	Northing: 504248.50 ft	Latitude: 32 23 4.990 N
	+E/-W 0.00 ft	Easting : 694489.60 ft	Longitude: 103 42 11.871 W
Position Uncertainty: 0.00 ft			

Wellpath: 1		Drilled From: Surface	
Current Datum: SITE		Tie-on Depth: 0.00 ft	
Magnetic Data: 11/1/2013		Above System Datum: Mean Sea Level	
Field Strength: 48486 nT		Declination: 7.37 deg	
Vertical Section: Depth From (TVD)		Mag Dip Angle: 60.25 deg	
ft	+N/-S ft	+E/-W ft	Direction deg
0.00	0.00	0.00	2.51

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	2.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7857.80	0.00	2.51	7857.80	0.00	0.00	0.00	0.00	0.00	0.00	
8982.80	90.00	2.51	8574.00	715.51	31.38	8.00	8.00	0.00	2.51	
18302.74	90.00	2.51	8574.00	10026.50	439.70	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
7800.00	0.00	2.51	7800.00	0.00	0.00	0.00	0.00	504248.50	694489.60	
7857.80	0.00	2.51	7857.80	0.00	0.00	0.00	0.00	504248.50	694489.60	KOP----
7900.00	3.38	2.51	7899.98	1.24	0.05	1.24	8.00	504249.74	694489.65	
7950.00	7.38	2.51	7949.75	5.92	0.26	5.93	8.00	504254.42	694489.86	
8000.00	11.38	2.51	7999.07	14.06	0.62	14.07	8.00	504262.56	694490.22	
8050.00	15.38	2.51	8047.70	25.61	1.12	25.63	8.00	504274.11	694490.72	
8100.00	19.38	2.51	8095.41	40.52	1.78	40.56	8.00	504289.02	694491.38	
8150.00	23.38	2.51	8141.96	58.73	2.58	58.78	8.00	504307.23	694492.18	
8200.00	27.38	2.51	8187.13	80.13	3.51	80.21	8.00	504328.63	694493.11	
8250.00	31.38	2.51	8230.69	104.63	4.59	104.73	8.00	504353.13	694494.19	
8300.00	35.38	2.51	8272.44	132.10	5.79	132.23	8.00	504380.60	694495.39	
8350.00	39.38	2.51	8312.16	162.42	7.12	162.58	8.00	504410.92	694496.72	
8400.00	43.38	2.51	8349.67	195.43	8.57	195.62	8.00	504443.93	694498.17	
8450.00	47.38	2.51	8384.79	230.98	10.13	231.20	8.00	504479.48	694499.73	
8500.00	51.38	2.51	8417.34	268.88	11.79	269.14	8.00	504517.38	694501.39	
8550.00	55.38	2.51	8447.16	308.96	13.55	309.26	8.00	504557.46	694503.15	
8600.00	59.38	2.51	8474.11	351.03	15.39	351.36	8.00	504599.53	694504.99	
8650.00	63.38	2.51	8498.06	394.86	17.32	395.24	8.00	504643.36	694506.92	
8700.00	67.38	2.51	8518.89	440.26	19.31	440.69	8.00	504688.76	694508.91	
8750.00	71.38	2.51	8536.50	487.00	21.36	487.47	8.00	504735.50	694510.96	
8800.00	75.38	2.51	8550.80	534.86	23.46	535.37	8.00	504783.36	694513.06	
8850.00	79.38	2.51	8561.72	583.59	25.59	584.15	8.00	504832.09	694515.19	
8900.00	83.38	2.51	8569.22	632.97	27.76	633.58	8.00	504881.47	694517.36	



Weatherford International Ltd.

WFT Plan Report - X & Y's



Weatherford

DP-3

Company: Occidental Permian Ltd.	Date: 3/12/2013	Time: 12:23:36	Page: 2
Field: Lea Co, New Mexico (Nad 27)	Co-ordinate(NE) Reference: Well: Federal 17.#2H, Grid North		
Site: Federal 17 #2H	Vertical (TVD) Reference: SITE 3709.6		
Well: Federal 17 #2H	Section (VS) Reference: Well (0.00N,0.00E,2.51Azi)		
Wellpath: 1	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Survey

MD ft	Incl deg	Azini deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	MapN ft	MapE ft	Comment
8950.00	87.38	2.51	8573.25	682.75	29.94	683.41	8.00	504931.25	694519.54	
8982.80	90.00	2.51	8574.00	715.51	31.38	716.20	8.00	504964.01	694520.98	LP
9000.00	90.00	2.51	8574.00	732.69	32.13	733.39	0.00	504981.19	694521.73	
9100.00	90.00	2.51	8574.00	832.59	36.51	833.39	0.00	505081.09	694526.11	
9200.00	90.00	2.51	8574.00	932.50	40.89	933.39	0.00	505181.00	694530.49	
9300.00	90.00	2.51	8574.00	1032.40	45.27	1033.39	0.00	505280.90	694534.87	
9400.00	90.00	2.51	8574.00	1132.31	49.66	1133.39	0.00	505380.81	694539.26	
9500.00	90.00	2.51	8574.00	1232.21	54.04	1233.39	0.00	505480.71	694543.64	
9600.00	90.00	2.51	8574.00	1332.11	58.42	1333.39	0.00	505580.61	694548.02	
9700.00	90.00	2.51	8574.00	1432.02	62.80	1433.39	0.00	505680.52	694552.40	
9800.00	90.00	2.51	8574.00	1531.92	67.18	1533.39	0.00	505780.42	694556.78	
9900.00	90.00	2.51	8574.00	1631.83	71.56	1633.39	0.00	505880.33	694561.16	
10000.00	90.00	2.51	8574.00	1731.73	75.94	1733.39	0.00	505980.23	694565.54	
10100.00	90.00	2.51	8574.00	1831.63	80.32	1833.39	0.00	506080.13	694569.92	
10200.00	90.00	2.51	8574.00	1931.54	84.71	1933.39	0.00	506180.04	694574.31	
10300.00	90.00	2.51	8574.00	2031.44	89.09	2033.39	0.00	506279.94	694578.69	
10400.00	90.00	2.51	8574.00	2131.35	93.47	2133.39	0.00	506379.85	694583.07	
10500.00	90.00	2.51	8574.00	2231.25	97.85	2233.39	0.00	506479.75	694587.45	
10600.00	90.00	2.51	8574.00	2331.15	102.23	2333.39	0.00	506579.65	694591.83	
10700.00	90.00	2.51	8574.00	2431.06	106.61	2433.39	0.00	506679.56	694596.21	
10800.00	90.00	2.51	8574.00	2530.96	110.99	2533.39	0.00	506779.46	694600.59	
10900.00	90.00	2.51	8574.00	2630.87	115.37	2633.39	0.00	506879.37	694604.97	
11000.00	90.00	2.51	8574.00	2730.77	119.75	2733.39	0.00	506979.27	694609.35	
11100.00	90.00	2.51	8574.00	2830.67	124.14	2833.39	0.00	507079.17	694613.74	
11200.00	90.00	2.51	8574.00	2930.58	128.52	2933.39	0.00	507179.08	694618.12	
11300.00	90.00	2.51	8574.00	3030.48	132.90	3033.39	0.00	507278.98	694622.50	
11400.00	90.00	2.51	8574.00	3130.39	137.28	3133.39	0.00	507378.89	694626.88	
11500.00	90.00	2.51	8574.00	3230.29	141.66	3233.39	0.00	507478.79	694631.26	
11600.00	90.00	2.51	8574.00	3330.19	146.04	3333.39	0.00	507578.69	694635.64	
11700.00	90.00	2.51	8574.00	3430.10	150.42	3433.39	0.00	507678.60	694640.02	
11800.00	90.00	2.51	8574.00	3530.00	154.80	3533.39	0.00	507778.50	694644.40	
11900.00	90.00	2.51	8574.00	3629.91	159.19	3633.39	0.00	507878.41	694648.79	
12000.00	90.00	2.51	8574.00	3729.81	163.57	3733.39	0.00	507978.31	694653.17	
12100.00	90.00	2.51	8574.00	3829.71	167.95	3833.39	0.00	508078.21	694657.55	
12200.00	90.00	2.51	8574.00	3929.62	172.33	3933.39	0.00	508178.12	694661.93	
12300.00	90.00	2.51	8574.00	4029.52	176.71	4033.39	0.00	508278.02	694666.31	
12400.00	90.00	2.51	8574.00	4129.43	181.09	4133.39	0.00	508377.93	694670.69	
12500.00	90.00	2.51	8574.00	4229.33	185.47	4233.39	0.00	508477.83	694675.07	
12600.00	90.00	2.51	8574.00	4329.23	189.85	4333.39	0.00	508577.73	694679.45	
12700.00	90.00	2.51	8574.00	4429.14	194.23	4433.39	0.00	508677.64	694683.83	
12800.00	90.00	2.51	8574.00	4529.04	198.62	4533.39	0.00	508777.54	694688.22	
12900.00	90.00	2.51	8574.00	4628.95	203.00	4633.39	0.00	508877.45	694692.60	
13000.00	90.00	2.51	8574.00	4728.85	207.38	4733.39	0.00	508977.35	694696.98	
13100.00	90.00	2.51	8574.00	4828.75	211.76	4833.39	0.00	509077.25	694701.36	
13200.00	90.00	2.51	8574.00	4928.66	216.14	4933.39	0.00	509177.16	694705.74	
13300.00	90.00	2.51	8574.00	5028.56	220.52	5033.39	0.00	509277.06	694710.12	
13400.00	90.00	2.51	8574.00	5128.47	224.90	5133.39	0.00	509376.97	694714.50	
13500.00	90.00	2.51	8574.00	5228.37	229.28	5233.39	0.00	509476.87	694718.88	
13600.00	90.00	2.51	8574.00	5328.27	233.66	5333.39	0.00	509576.77	694723.26	
13700.00	90.00	2.51	8574.00	5428.18	238.05	5433.39	0.00	509676.68	694727.65	
13800.00	90.00	2.51	8574.00	5528.08	242.43	5533.39	0.00	509776.58	694732.03	
13900.00	90.00	2.51	8574.00	5627.99	246.81	5633.39	0.00	509876.49	694736.41	



Weatherford International Ltd.

WFT Plan Report - X & Y's

**Weatherford**

DP-4

Company: Occidental Permian Ltd.
Field: Lea Co, New Mexico (Nad 27)
Site: Federal 17 #2H
Well: Federal 17 #2H
Wellpath: 1

Date: 3/12/2013 Time: 12:23:36 Page: 3
Co-ordinate(NE) Reference: Well: Federal 17 #2H, Grid North
Vertical (TVD) Reference: SITE 3709.6
Section (VS) Reference: Well (0.00N,0.00E,2.51Azi)
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
14000.00	90.00	2.51	8574.00	5727.89	251.19	5733.39	0.00	509976.39	694740.79	
14100.00	90.00	2.51	8574.00	5827.79	255.57	5833.39	0.00	510076.29	694745.17	
14200.00	90.00	2.51	8574.00	5927.70	259.95	5933.39	0.00	510176.20	694749.55	
14300.00	90.00	2.51	8574.00	6027.60	264.33	6033.39	0.00	510276.10	694753.93	
14400.00	90.00	2.51	8574.00	6127.51	268.71	6133.39	0.00	510376.01	694758.31	
14500.00	90.00	2.51	8574.00	6227.41	273.10	6233.39	0.00	510475.91	694762.70	
14600.00	90.00	2.51	8574.00	6327.31	277.48	6333.39	0.00	510575.81	694767.08	
14700.00	90.00	2.51	8574.00	6427.22	281.86	6433.39	0.00	510675.72	694771.46	
14800.00	90.00	2.51	8574.00	6527.12	286.24	6533.39	0.00	510775.62	694775.84	
14900.00	90.00	2.51	8574.00	6627.03	290.62	6633.39	0.00	510875.53	694780.22	
15000.00	90.00	2.51	8574.00	6726.93	295.00	6733.39	0.00	510975.43	694784.60	
15100.00	90.00	2.51	8574.00	6826.83	299.38	6833.39	0.00	511075.33	694788.98	
15200.00	90.00	2.51	8574.00	6926.74	303.76	6933.39	0.00	511175.24	694793.36	
15300.00	90.00	2.51	8574.00	7026.64	308.14	7033.39	0.00	511275.14	694797.74	
15400.00	90.00	2.51	8574.00	7126.55	312.53	7133.39	0.00	511375.05	694802.13	
15500.00	90.00	2.51	8574.00	7226.45	316.91	7233.39	0.00	511474.95	694806.51	
15600.00	90.00	2.51	8574.00	7326.35	321.29	7333.39	0.00	511574.85	694810.89	
15700.00	90.00	2.51	8574.00	7426.26	325.67	7433.39	0.00	511674.76	694815.27	
15800.00	90.00	2.51	8574.00	7526.16	330.05	7533.39	0.00	511774.66	694819.65	
15900.00	90.00	2.51	8574.00	7626.07	334.43	7633.39	0.00	511874.57	694824.03	
16000.00	90.00	2.51	8574.00	7725.97	338.81	7733.39	0.00	511974.47	694828.41	
16100.00	90.00	2.51	8574.00	7825.87	343.19	7833.39	0.00	512074.37	694832.79	
16200.00	90.00	2.51	8574.00	7925.78	347.58	7933.39	0.00	512174.28	694837.18	
16300.00	90.00	2.51	8574.00	8025.68	351.96	8033.39	0.00	512274.18	694841.56	
16400.00	90.00	2.51	8574.00	8125.58	356.34	8133.39	0.00	512374.08	694845.94	
16500.00	90.00	2.51	8574.00	8225.49	360.72	8233.39	0.00	512473.99	694850.32	
16600.00	90.00	2.51	8574.00	8325.39	365.10	8333.39	0.00	512573.89	694854.70	
16700.00	90.00	2.51	8574.00	8425.30	369.48	8433.39	0.00	512673.80	694859.08	
16800.00	90.00	2.51	8574.00	8525.20	373.86	8533.39	0.00	512773.70	694863.46	
16900.00	90.00	2.51	8574.00	8625.10	378.24	8633.39	0.00	512873.60	694867.84	
17000.00	90.00	2.51	8574.00	8725.01	382.62	8733.39	0.00	512973.51	694872.22	
17100.00	90.00	2.51	8574.00	8824.91	387.01	8833.39	0.00	513073.41	694876.61	
17200.00	90.00	2.51	8574.00	8924.82	391.39	8933.39	0.00	513173.32	694880.99	
17300.00	90.00	2.51	8574.00	9024.72	395.77	9033.39	0.00	513273.22	694885.37	
17400.00	90.00	2.51	8574.00	9124.62	400.15	9133.39	0.00	513373.12	694889.75	
17500.00	90.00	2.51	8574.00	9224.53	404.53	9233.39	0.00	513473.03	694894.13	
17600.00	90.00	2.51	8574.00	9324.43	408.91	9333.39	0.00	513572.93	694898.51	
17700.00	90.00	2.51	8574.00	9424.34	413.29	9433.39	0.00	513672.84	694902.89	
17800.00	90.00	2.51	8574.00	9524.24	417.67	9533.39	0.00	513772.74	694907.27	
17900.00	90.00	2.51	8574.00	9624.14	422.06	9633.39	0.00	513872.64	694911.66	
18000.00	90.00	2.51	8574.00	9724.05	426.44	9733.39	0.00	513972.55	694916.04	
18100.00	90.00	2.51	8574.00	9823.95	430.82	9833.39	0.00	514072.45	694920.42	
18200.00	90.00	2.51	8574.00	9923.86	435.20	9933.39	0.00	514172.36	694924.80	
18302.74	90.00	2.51	8574.00	10026.50	439.70	10036.14	0.00	514275.00	694929.30	PBHL

Targets

Name	Description	TVD	+N/-S	+E/-W	Map Northing	Map Easting	<--- Latitude --->			<--- Longitude --->		
	Dip	Dip	ft	ft	ft	ft	Deg	Min	Sec	Deg	Min	Sec
PBHL			8574.00	10026.50	439.70	514275.00	694929.30	32	24	44.181	N	103 42 6.052 W



Weatherford International Ltd.

WFT Plan Report - X & Y's

**Weatherford**

DP-5

Company: Occidental Permian Ltd.	Date: 3/12/2013	Time: 12:23:36	Page: 4
Field: Lea Co, New Mexico (Nad 27)	Co-ordinate(NE) Reference: Well: Federal 17 #2H, Grid North		
Site: Federal 17 #2H	Vertical (TVD) Reference: SITE 3709.6		
Well: Federal 17 #2H	Section (VS) Reference: Well (0.00N,0.00E,2.51Azi)		
Wellpath: 1	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Casing Points

MD ft	TVD ft	Diameter in	Hole Size in	Name
1460.00	1460.00	0.000	0.000	Csg
4700.00	4700.00	0.000	0.000	Csg

Annotation

MD ft	TVD ft	
7857.80	7857.80	KOP
8982.80	8574.00	LP
18302.74	8574.00	PBHL

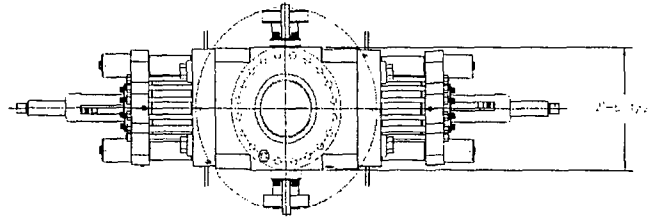
Formations

MD ft	TVD ft	Formations	Lithology	Dip Angle deg	Dip Direction deg
1435.60	1435.60	Top Rustler		0.00	0.00
1258.60	1258.60	Top Salado		0.00	0.00
4596.60	4596.60	Base Salt		0.00	0.00
4693.60	4693.60	Top Delaware		0.00	0.00
4802.60	4802.60	Top Bell Canyon		0.00	0.00
5872.60	5872.60	Top Cherry Canyon		0.00	0.00
6839.60	6839.60	Top Brushy Canyon		0.00	0.00

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



- 13 5/8 - 10M BOP STACK
- Q1 - 13 5/8 - 10M FLANGED END DATE VALVE
 - Q2 - 13 5/8 - 10M FLANGED END DATE VALVE WITH 1/2" NPT ACTING HYDRAULIC ACTUATOR
 - Q3 - 13 5/8 - 10M FLANGED END DATE VALVE
 - Q4 - 13 5/8 - 10M FLANGED END DATE VALVE
 - Q5 - 13 5/8 - 10M FLANGED END DATE VALVE
 - Q6 - 13 5/8 - 10M FLANGED END DATE VALVE
 - Q7 - 13 5/8 - 10M FLANGED END DATE VALVE
 - Q8 - 13 5/8 - 10M FLANGED END DATE VALVE
 - Q9 - 13 5/8 - 10M FLANGED END DATE VALVE
 - Q10 - 13 5/8 - 10M FLANGED END DATE VALVE
 - Q11 - 13 5/8 - 10M FLANGED END DATE VALVE
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 - Q99 - 13 5/8 - 10M FLANGED END DATE VALVE
 - Q100 - 13 5/8 - 10M FLANGED END DATE VALVE

SHAFER VALVE-INNER SPHERICAL
ANNULAR PREVENTER (API 16A)
MONOGRAMMED, 13 5/8 - 10M WH,
WITH 1" CAMERON PIPE RAWS
AND BOTTOM FLANGE + 1" NPT
STUBBED TOP WEIGHT = 14,500 LBS
LBS WITH SHAFER API 16A HOT
OIL RESISTANT ADAPTERS
ELEVENT

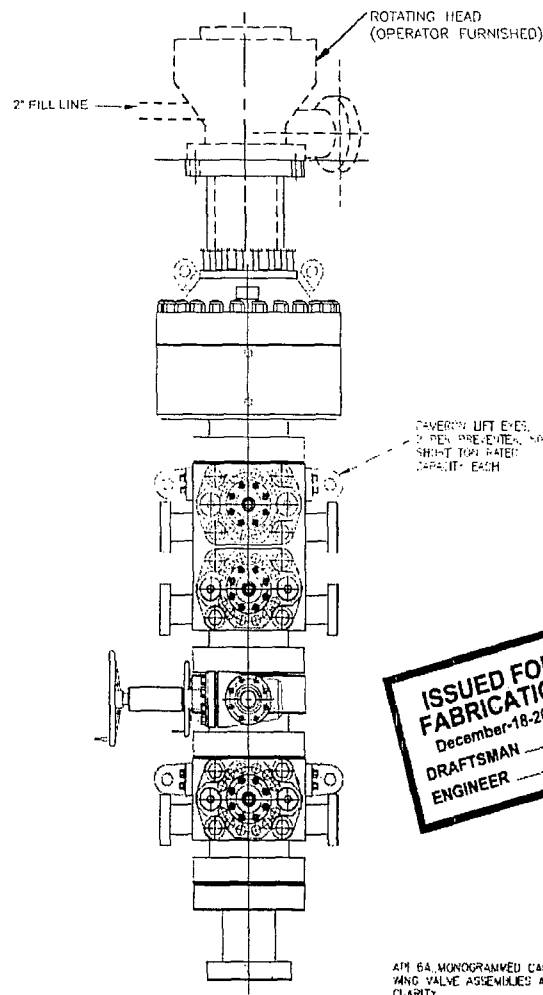
CAVERON LM DOUBLE
RAY-TYPE PREVENTER (API 16A)
MONOGRAMMED, 13 5/8 - 10M WH,
WITH 1" CAMERON PIPE RAWS
AND BOTTOM FLANGE + 1" NPT
STUBBED TOP WEIGHT = 21,000 LBS
WITH RAWS

13 5/8 - 10M WH
CAMERON DRILLING SPOOL
(API 16A MONOGRAMMED)
STUBBED TOP + FLANGED BOTTOM
WITH 1 1/2" - 10M API FLANGED OUTLET
(WEIGHT APPROXIMATELY 8,000 LBS)

CAMERON LM SINGLE RAY-TYPE
PREVENTER (API 16A)
MONOGRAMMED, 13 5/8 - 10M WH,
WITH 1" CAMERON PIPE RAWS
AND BOTTOM FLANGE + 1" NPT
STUBBED TOP
WEIGHT = 10,000 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



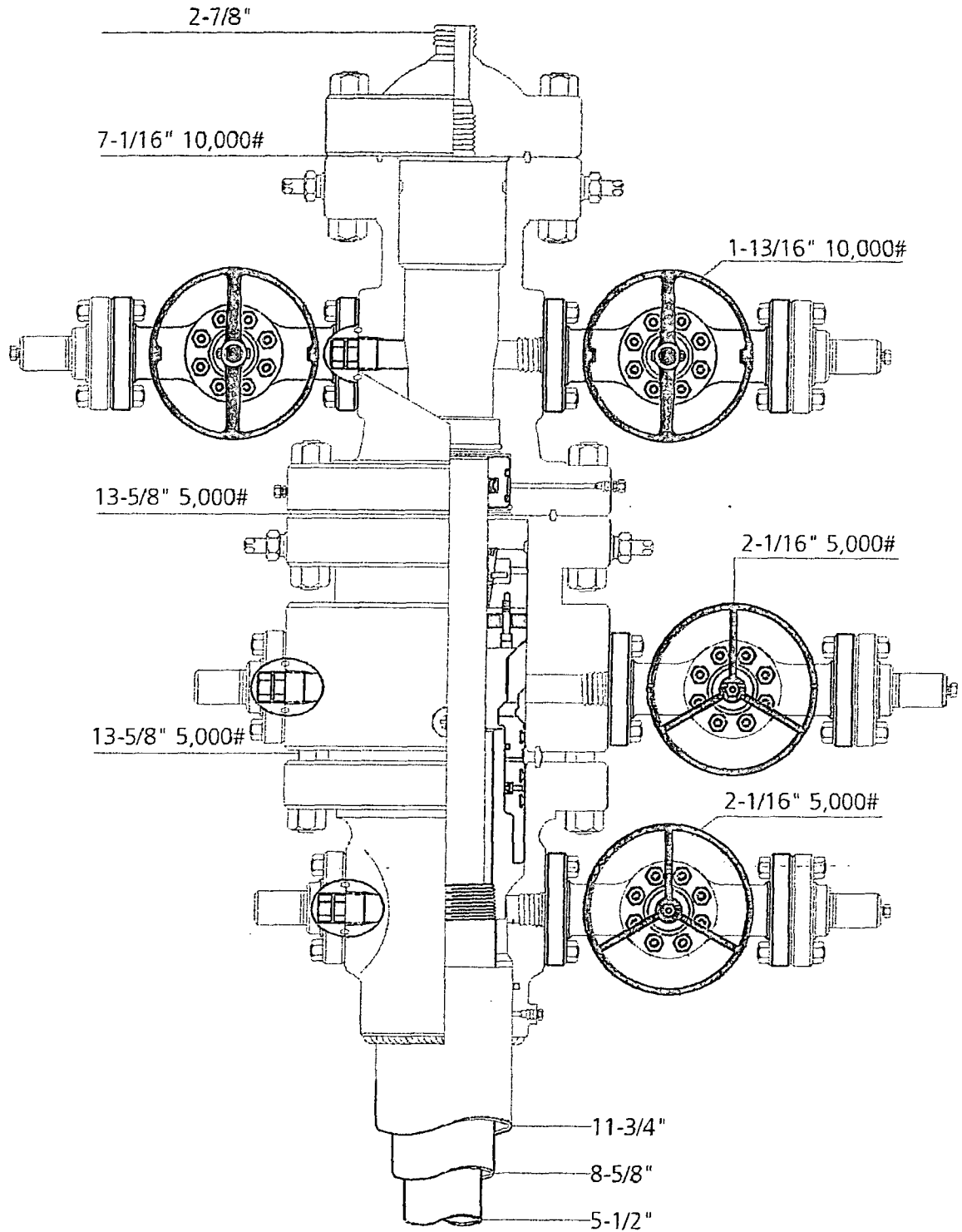
ISSUED FOR
FABRICATION
December-18-2007
DRAFTSMAN
ENGINEER

API 16A MONOGRAMMED CAMERON CHOKE AND KILL
AND VALVE ASSEMBLIES ARE NOT SHOWN FOR
CLARITY
WEIGHTS DO NOT INCLUDE HOSES, ADAPTER SPOOLS
OR QUICK CONNECT FITTINGS

PROPRIETARY
THIS DRAWING AND THE IDEAS AND INFORMATION CONTAINED
HEREIN ARE UNCLASSIFIED AND ARE NOT TO BE
REPRODUCED, DISTRIBUTED OR DISCLOSED IN ANY MANNER
WITHOUT THE WRITTEN CONSENT OF A FULLY AUTHORIZED
OFFICER OF HELMERICH & PAYNE INTERNATIONAL DRILLING CO.

ENGINEERING APPROVAL		DATE	TITLE
DESIGNED	12/18/07	12/18/07	13 5/8 - 10M BOP 3 RAM STACK FLEXRIG3
DRAWN	12/18/07	12/18/07	CUSTOMER: H&P
CHECKED	12/18/07	12/18/07	PROJECT: FLEXRIG3
APPROVED	12/18/07	12/18/07	DRAWN: MTS
DATE	12/18/07	12/18/07	DATE: 8-5-02
DESCRIPTION	12/18/07	12/18/07	DATE: 8-5-02
SCALE	1/4" = 1'	1/4" = 1'	DATE: 8-5-02
SHEET	1 OF 1	1 OF 1	DATE: 8-5-02
REV.	1	1	DATE: 8-5-02

BOP-1

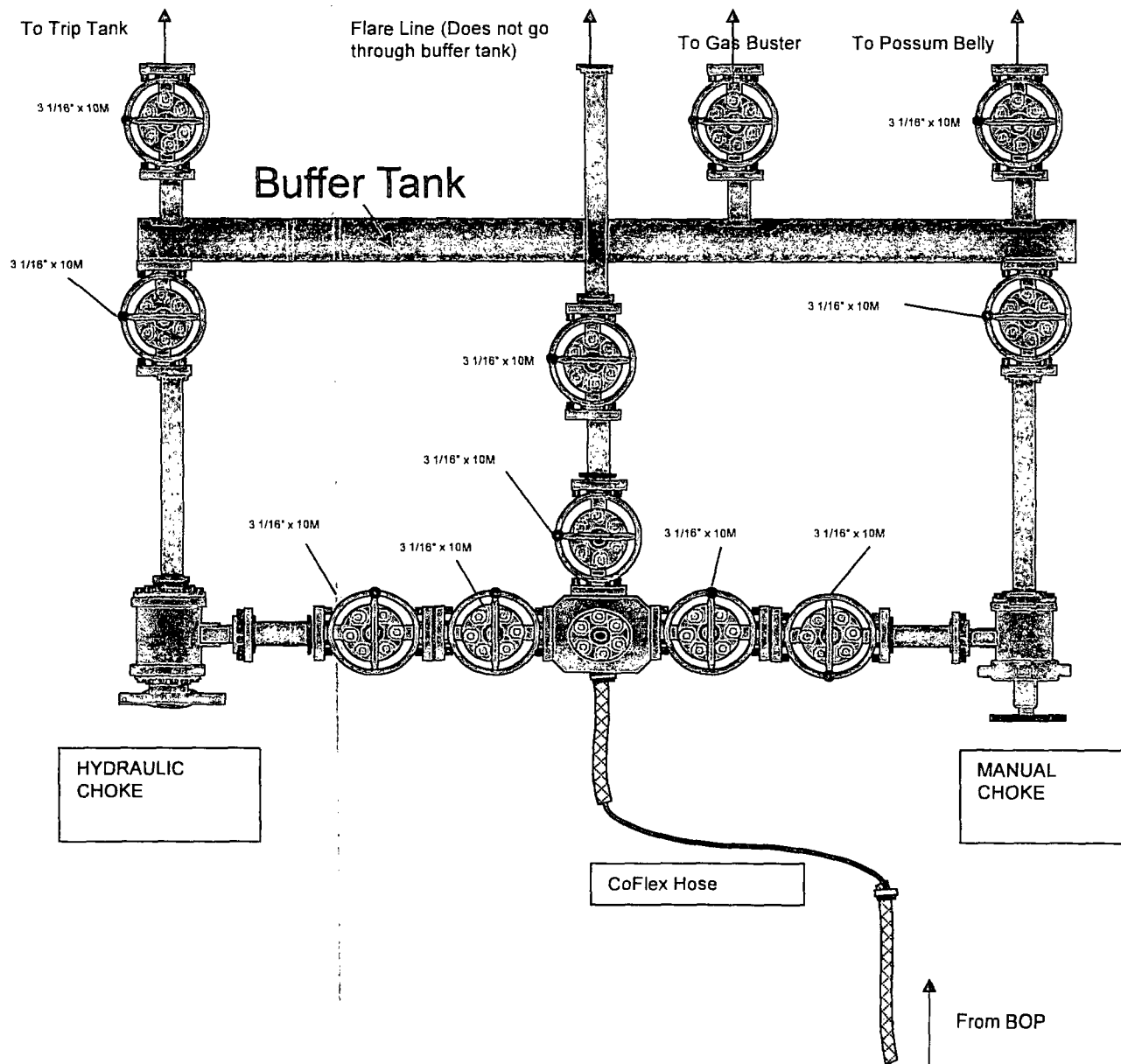


Permian Basin
MBS

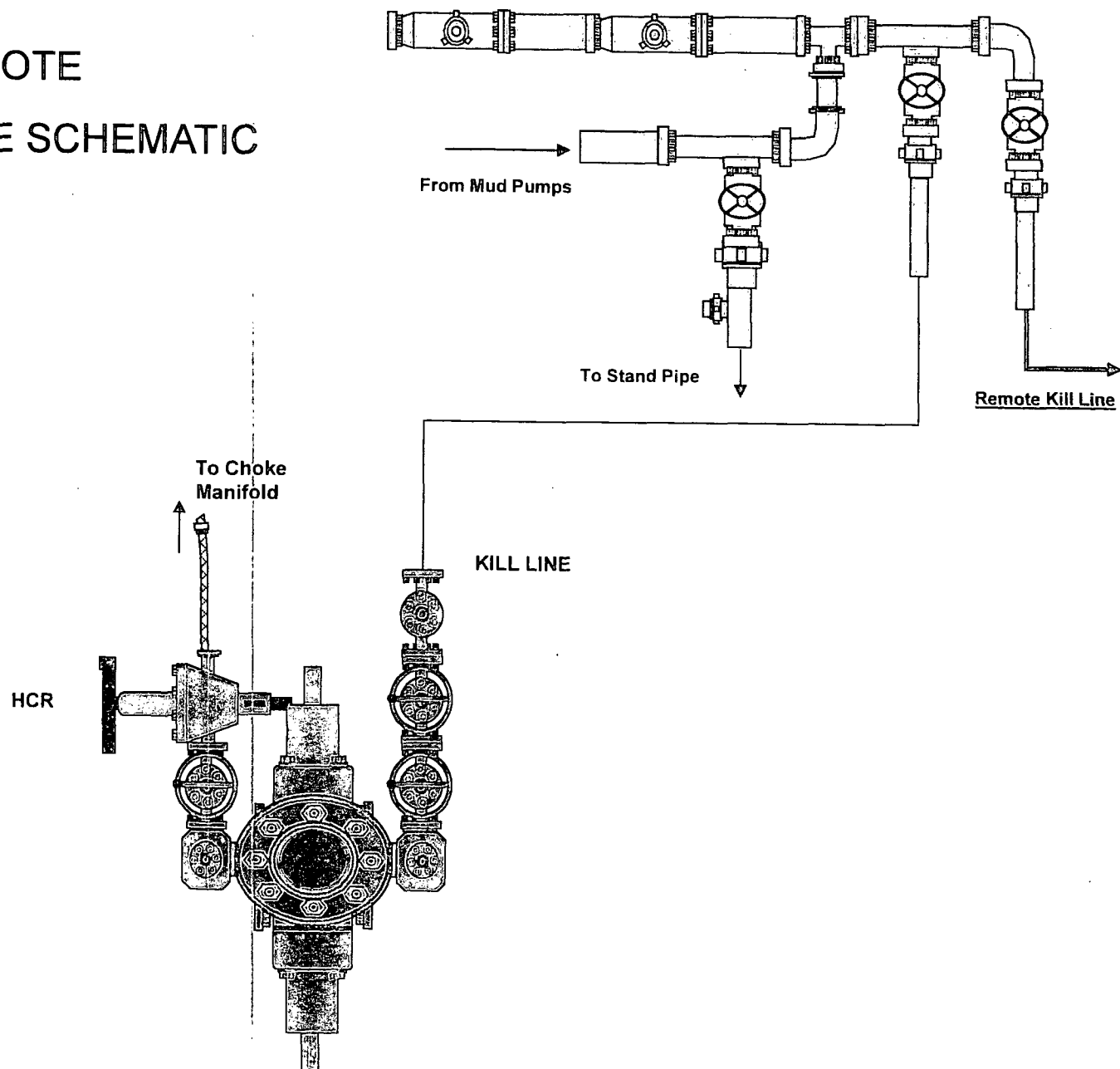


Name	Jeanette	Date	1-31-13	Working Pressure	#	21073221
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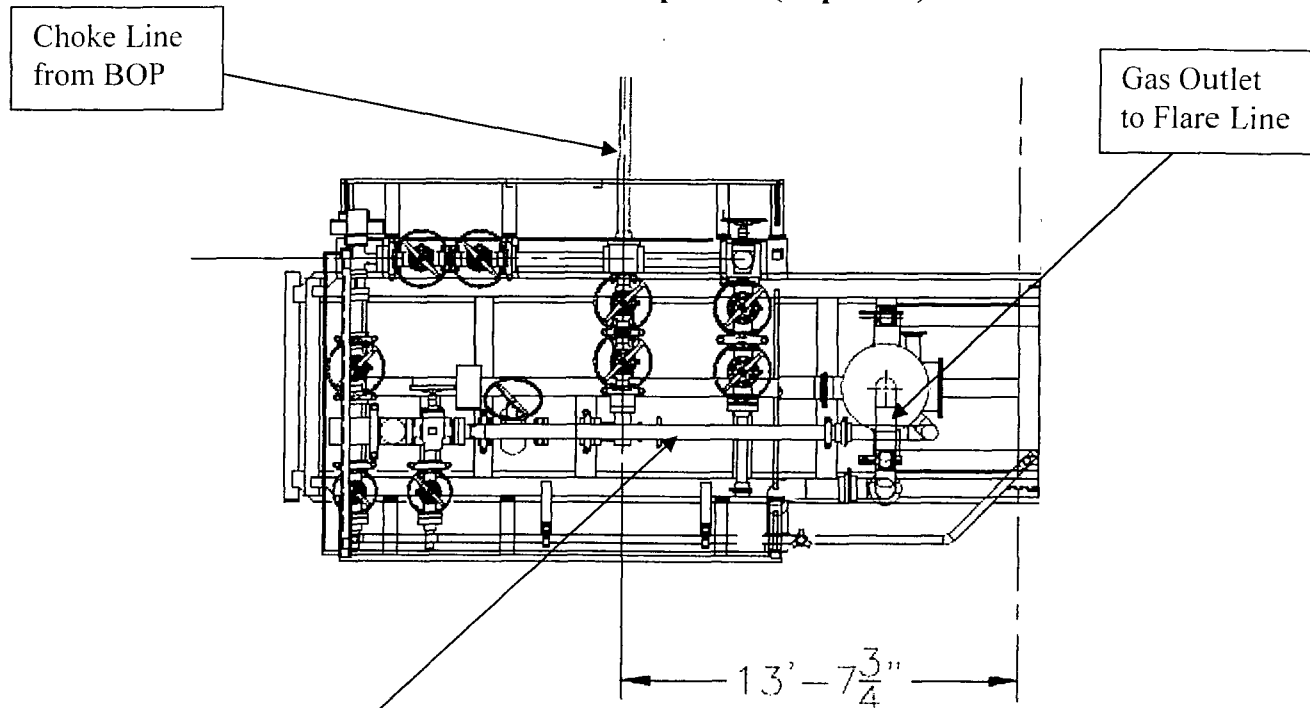
FLEX3 STD CHOKE MANIFOLD (COMPREHENSIVE)



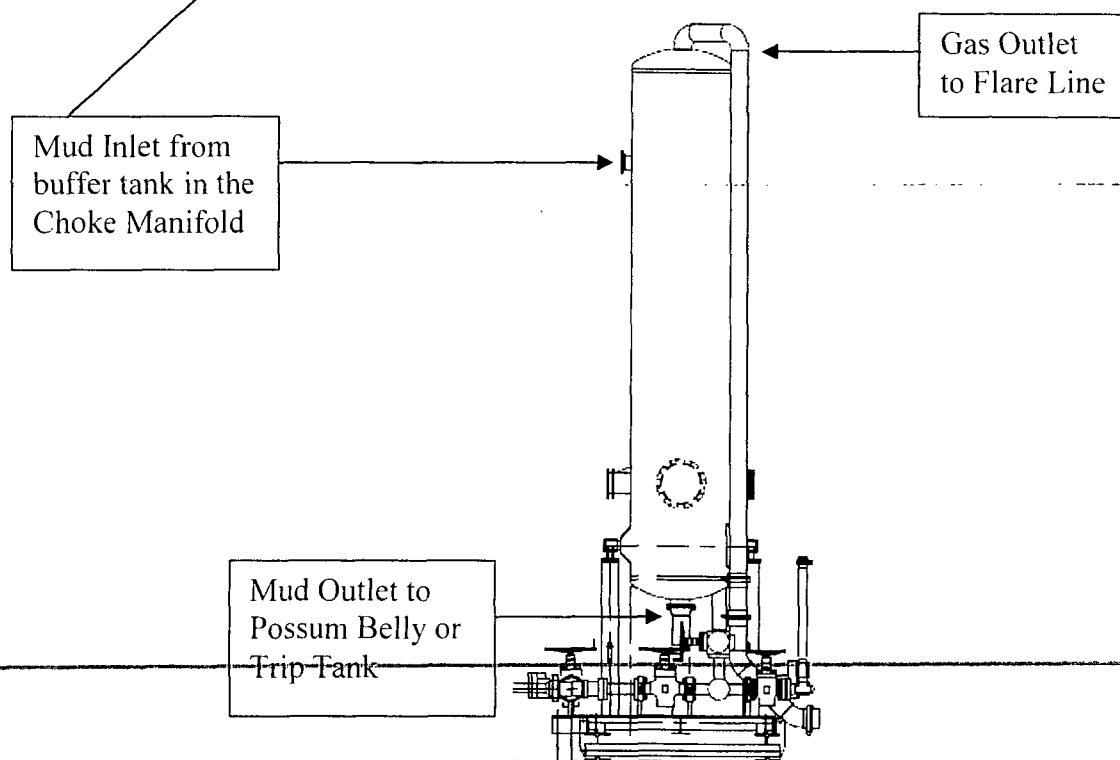
10M REMOTE KILL LINE SCHEMATIC



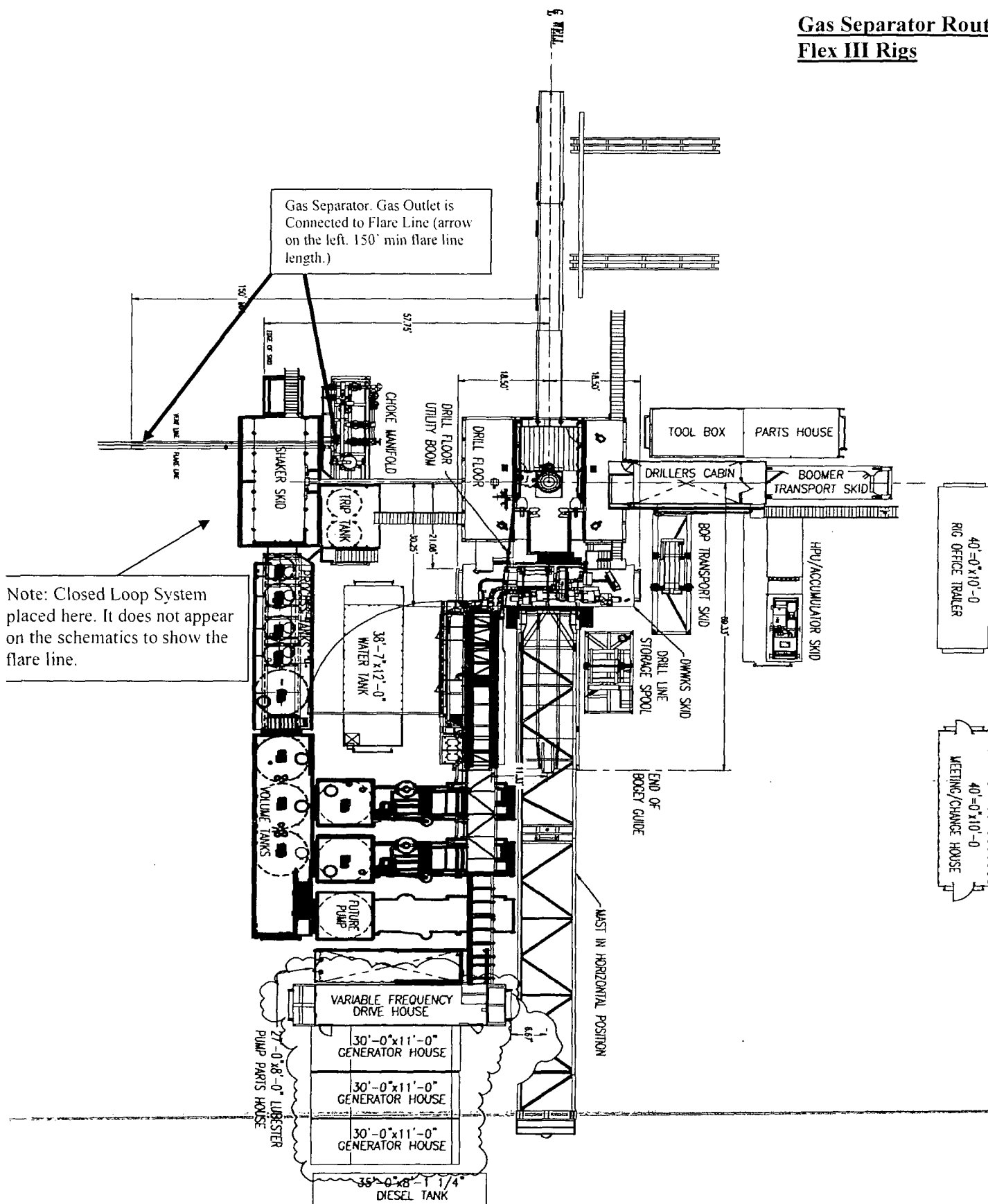
Choke Manifold – Gas Separator (Top View)



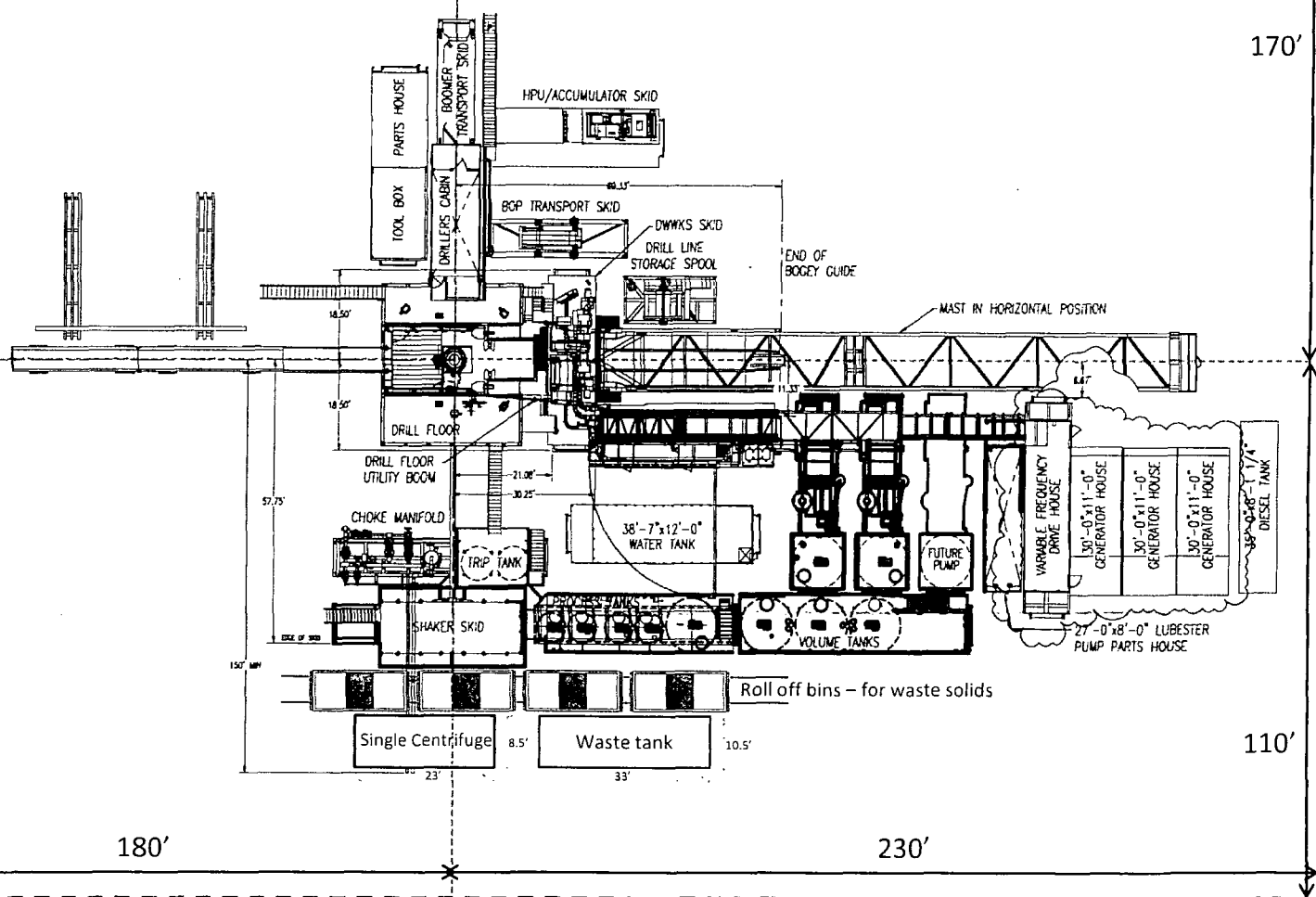
Choke Manifold – Gas Separator (Side View)



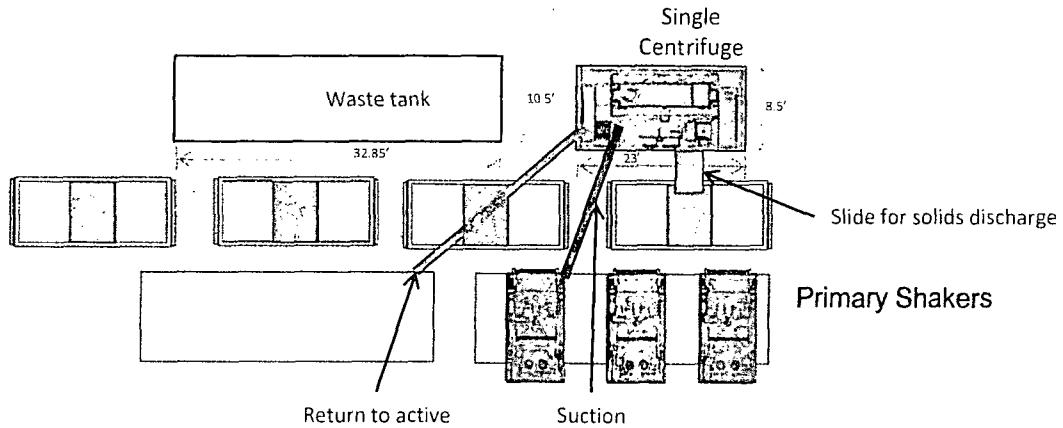
Gas Separator Routing Flex III Rigs



Oxy Single Centrifuge
Closed Loop System – New
Mexico Flex III
May 28, 2013



Oxy



Oxy Single Centrifuge
Closed Loop System – New
Mexico Flex III
May 28, 2013



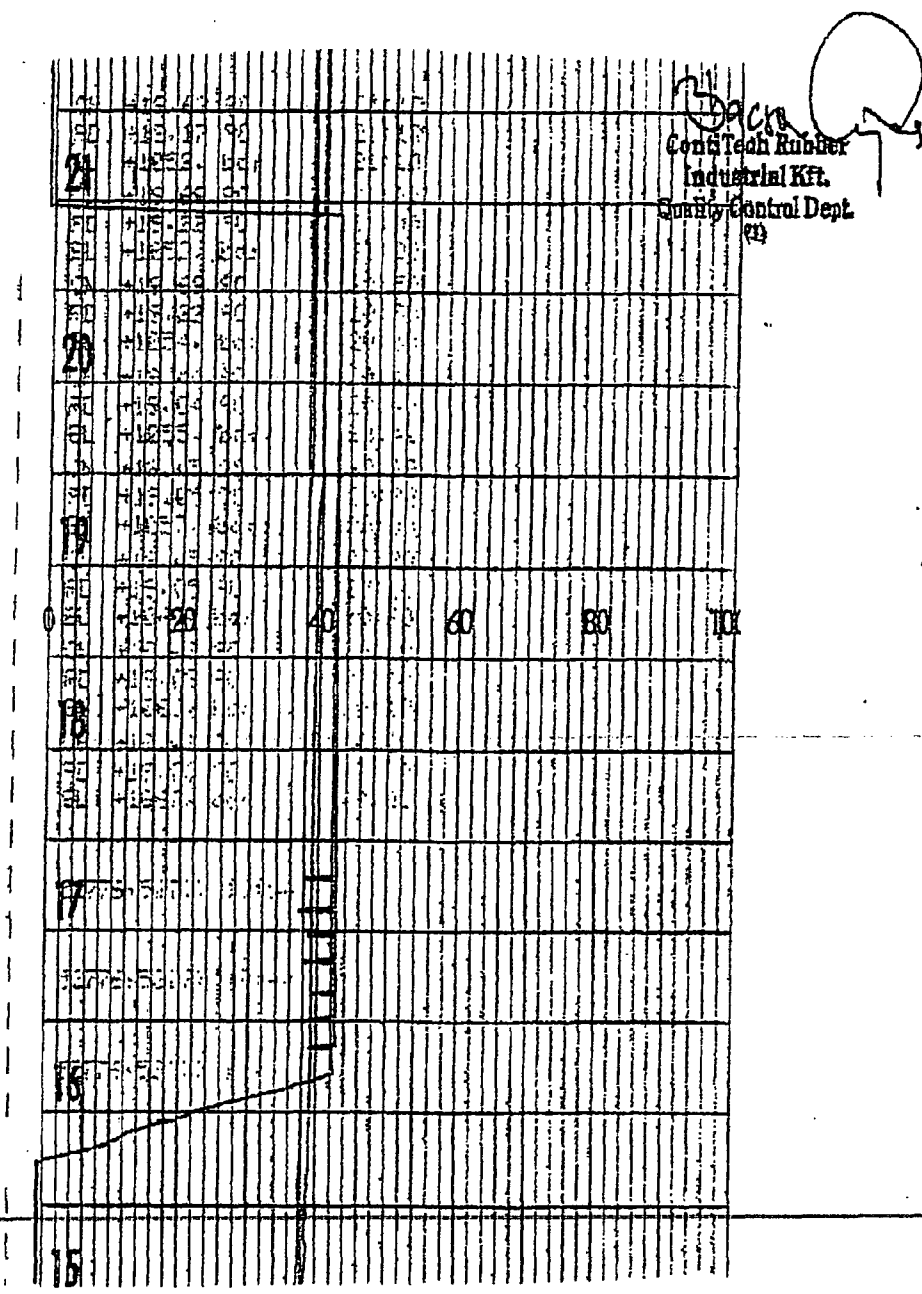
Fluid Technology

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	T7998A	
			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

Page: 1/1



FH-3

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: 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...

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.



Phoenix Beattie Corp

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



PHOENIX Beattie

[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

5777

CERTIFICATE OF CONFORMITY

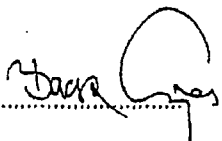
Supplier : CONTITECH RUBBER INDUSTRIAL KFT.
Equipment : 6 pcs. Choke and Kill Hose with installed couplings
Type : 3" x 10,67 m WP: 10000 psi
Supplier File Number : 412638
Date of Shipment : April. 2008
Customer : Phoenix Beattie Co.
Customer P.o. : 002491
Referenced Standards
/ Codes / Specifications : 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

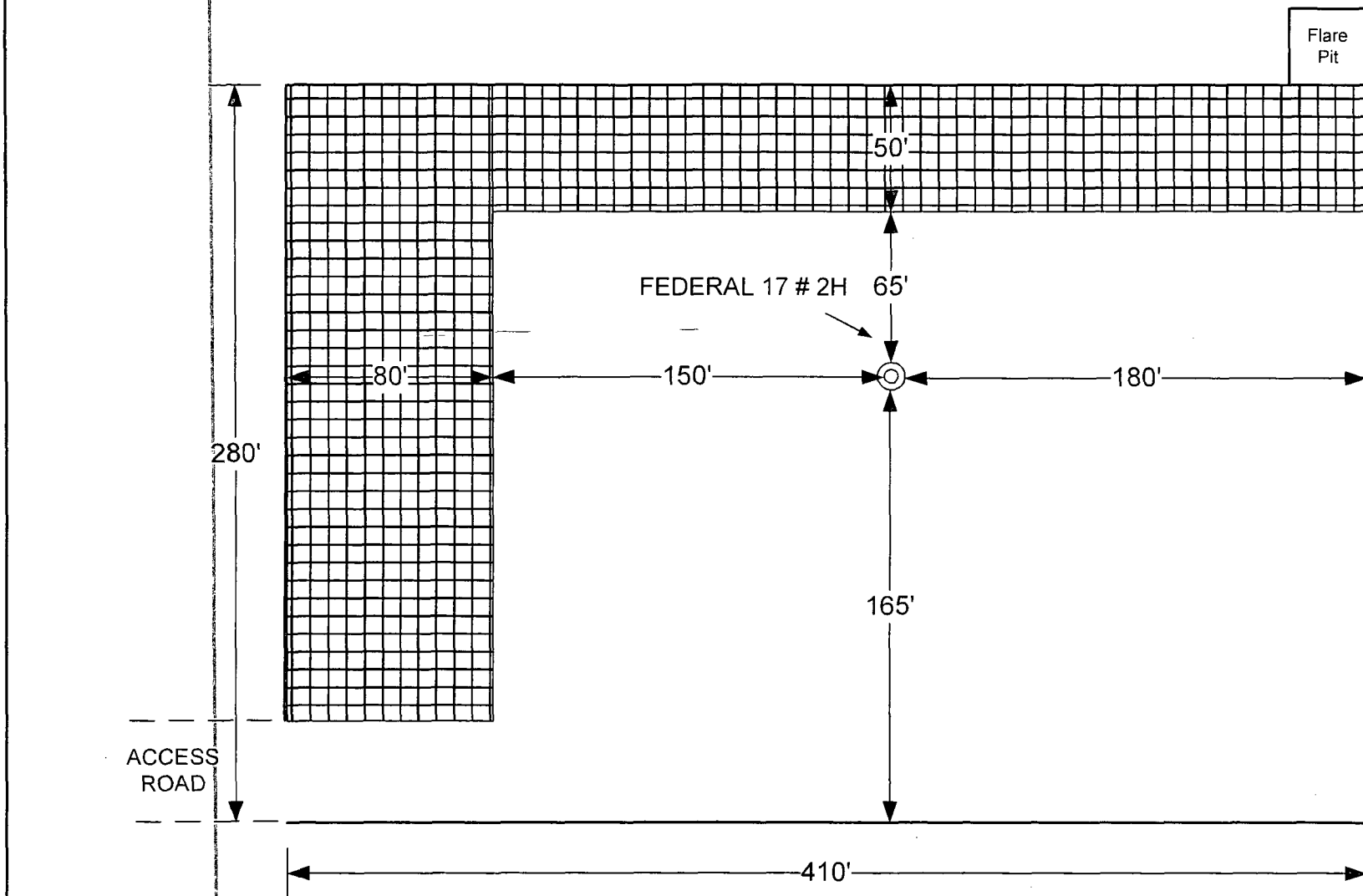
Signed :



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

Date: 04. April. 2008

Position: Q.C. Manager



Flare
Pit

FEDERAL 17 # 2H

50'

65'

80'

150'

180'

280'

165'

410'

ACCESS
ROAD

NORTH
↑

8' Diameter x 8' Deep Tinhorn
Cellar

REVISION BLOCK							ENGINEERING RECORD			
NO.	DATE	DESCRIPTION				BY	CHK	APP	BY	DATE

FLEX 3 RIG DIAGRAM

FEDERAL 17 # 2H

U-Door - East

LEA COUNTY, NEW MEXICO

Well site layout / Reclamation