

OCD-ARTESIA

Form 3160-5
(April 2004)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1. Type of Well ☒ Oil Well ☐ Gas Well ☐ Other		5. Lease Serial No. NM 02887A
2. Name of Operator BOPCO, L. P.		6. If Indian, Allottee or Tribe Name
3a. Address P. O. Box 2760, Midland, TX 79702	3b. Phone No. (include area code) 432-683-2277	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Surface: NWSE, UL J, 1640' FSL, 1830' FEL, Lat N32.316247, Long W103.787261 Bottom Hole: 1980' FSL, 330' FWL, Sec 7, T23S, R31E, Lat N32.317133, Long W103.824569		8. Well Name and No. James Ranch Unit #119H
		9. API Well No. 30-015-38117
		10. Field and Pool, or Exploratory Area Quahada Ridge SE (Delaware)
		11. County or Parish, State Sec 8, T23S, R31E, Mer NMP

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☒ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☒ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

BOPCO, L.P. respectfully requests to alter the casing, cementing, and directional plans for the above captioned well. Additionally, the well will be drilling using Latshaw Rig #4 (updated rig plats and well plan attached). The new casing and cementing program will consist of the following:

13-3/8", 48#, H-40, STC: 0 - 650', Lead 385 sx RSS micro + additives (12.8 ppg, 1.87 yield), Tail 215 sx Class C + additives (14.8 ppg, 1.36 yield)
 9-5/8", 36#, J-55, LTC: 0 - 4,063', Lead 675 sx Class C 35/65 + additives (12.8 ppg, 1.91 yield), Tail 320 sx Class C + additives (14.8 ppg, 1.34 yield)
 7", 26#, N-80, Buttruss: 0 - 8,795', DV Tool @ 5,000', 1st Stage: Lead 375 sx RSS micro + additives (10.5 ppg, 2.41 yield), Tail 155 sx RSS micro + additives (13 ppg, 1.38 yield)
 2nd Stage: Lead 350 sx RSS micro + additives (10.5 ppg, 2.42 yield), Tail 195 sx Class C + additives (14.8 ppg, 1.33 yield)
 4-1/2", 11.6#, HCP-110, LTC: 8,645' - 16,081', with Baker OH Packers

Revised plats are attached reflecting the new brushy canyon penetration point.

RECEIVED

DEC 29 2010

SM
12/16/2010

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Brian Hammit

Title Drilling Engineer

Signature

Brian Hammit

Date

12/16/2010

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____
 Conditions of approval, if any, are attached. Approval of this notice 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.

Title

Office

APPROVED

DEC 20 2010
/s/ Dustin Winkler

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

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

(Instructions on page 2)

DD



Weatherford®

Drilling Services

Proposal

BOPCO, L.P.

JRU #119H

EDDY CO NM

WELL FILE: **PLAN 3**

DECEMBER 7, 2010

Weatherford International, Ltd.

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BOPCO, L.P.

JRU #119H
Eddy Co., New Mexico

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	271.91	0.00	0.00	0.00	0.00	0.00	0.00	
2	7364.60	0.00	271.91	7364.60	0.00	0.00	0.00	0.00	0.00	
3	8122.40	90.94	271.91	7842.00	16.19	-484.99	12.00	271.91	485.26	
4	16080.57	90.94	271.91	7712.00	281.74	-8437.67	0.00	0.00	8442.37	Pbhl

WELL DETAILS

Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
JRU #119H	0.00	0.00	479197.16	706941.96	32°18'58.480N	103°47'50.153W	N/A

TARGET DETAILS

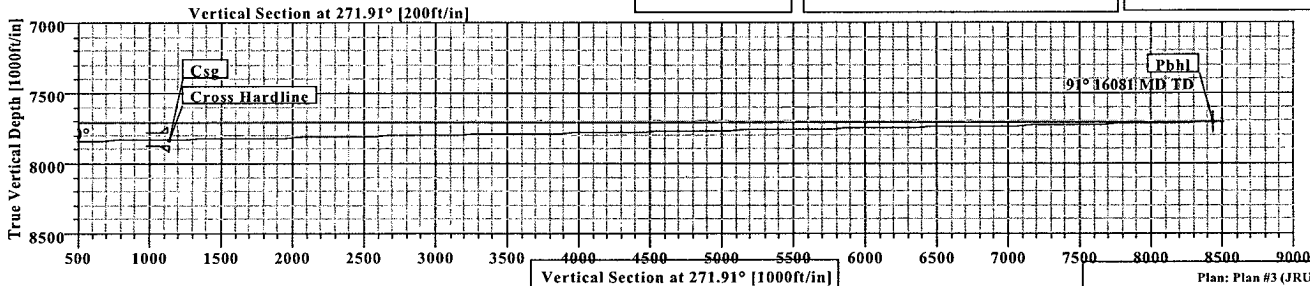
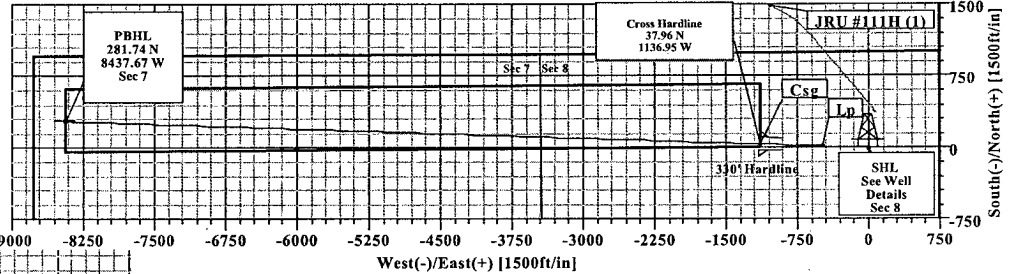
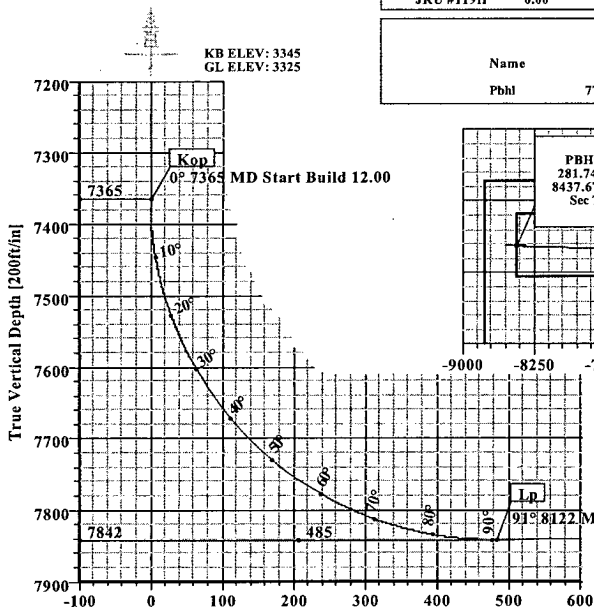
Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
Pbhl	7712.00	281.74	-8437.67	479478.90	698504.29	Point



Weatherford



Azimuths to Grid North
True North: -0.29°
Magnetic North: 7.46°
Magnetic Field
Strength: 48714nT
Dip Angle: 60.24°
Date: 1/15/2011
Model: IGRF2010
Total Correction to Grid North: 7.46°



SITE DETAILS

JRU #119H

Site Centre Northing: 479197.16
Easting: 706941.96

Ground Level: 3325.00
Positional Uncertainty: 0.00
Convergence: 0.29

FIELD DETAILS

Eddy County, NM (Nad 83)

Geodetic System: US State Plane Coordinate System 1983
Ellipsoid: GRS 1980
Zone: New Mexico, Eastern Zone

Magnetic Model: IGRF2010

System Datum: Mean Sea Level
Local North: Grid North

LEGEND

JRU #119H (1)
Plan #3

Plan: Plan #3 (JRU #119H/1)

Created By: Russell W. Joyner

Date: 12/7/2010

Weatherford International Ltd.

WFT Plan Report - X & Y's



Weatherford

Company: BOPCO, L.P.		Date: 12/7/2010		Time: 18:38:02		Page: 1	
Field: Eddy County, NM (Nad 83)		Co-ordinate(NE) Reference: Well: JRU #119H, Grid North					
Site: JRU #119H		Vertical (TVD) Reference: SITE 3345.0					
Well: JRU #119H		Section (VS) Reference: Well (0.00N,0.00E,271.91Azi)					
Wellpath: 1		Survey Calculation Method: Minimum Curvature		Db: Sybase			

Plan: Plan #3		Date Composed: 12/7/2010	
Principal: Yes		Version: 1	
		Tied-to: From Surface	

Field: Eddy County, NM (Nad 83)			
Map System: US State Plane Coordinate System 1983		Map Zone: New Mexico, Eastern Zone	
Geo Datum: GRS 1980		Coordinate System: Well Centre	
Sys Datum: Mean Sea Level		Geomagnetic Model: IGRF2010	

Site: JRU #119H			
Site Position:		Northing: 479197.16 ft	
From: Map		Easting: 706941.96 ft	
Position Uncertainty: 0.00 ft		Latitude: 32 18 58.480 N	
Ground Level: 3325.00 ft		Longitude: 103 47 50.153 W	
		North Reference: Grid	
		Grid Convergence: 0.29 deg	

Well: JRU #119H		Slot Name:	
Well Position: +N/-S 0.00 ft		Northing: 479197.16 ft	
+E/-W 0.00 ft		Easting: 706941.96 ft	
Position Uncertainty: 0.00 ft		Latitude: 32 18 58.480 N	
		Longitude: 103 47 50.153 W	

Wellpath: 1		Drilled From: Surface	
Current Datum: SITE		Tie-on Depth: 0.00 ft	
Magnetic Data: 1/15/2011		Above System Datum: Mean Sea Level	
Field Strength: 48714 nT		Declination: 7.75 deg	
Vertical Section: Depth From (TVD)		Mag Dip Angle: 60.24 deg	
ft		+E/-W	
		ft	
		Direction	
		deg	
0.00		0.00	
		0.00	
		271.91	

Plan Section Information										
MD	Incl	Azim	TVD	+N/-S	+E/-W	DLS	Build	Turn	TFO	Target
ft	deg	deg	ft	ft	ft	deg/100ft	deg/100ft	deg/100ft	deg	
0.00	0.00	271.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7364.60	0.00	271.91	7364.60	0.00	0.00	0.00	0.00	0.00	0.00	
8122.40	90.94	271.91	7842.00	16.19	-484.99	12.00	12.00	0.00	271.91	
16080.57	90.94	271.91	7712.00	281.74	-8437.67	0.00	0.00	0.00	0.00	Pbhl

Survey										
MD	Incl	Azim	TVD	N/S	E/W	VS	DLS	MapN	MapE	Comment
ft	deg	deg	ft	ft	ft	ft	deg/100ft	ft	ft	
7300.00	0.00	271.91	7300.00	0.00	0.00	0.00	0.00	479197.16	706941.96	
7364.60	0.00	271.91	7364.60	0.00	0.00	0.00	0.00	479197.16	706941.96	Kop
7400.00	4.25	271.91	7399.97	0.04	-1.31	1.31	12.00	479197.21	706940.65	
7500.00	16.25	271.91	7498.19	0.64	-19.06	19.07	12.00	479197.80	706922.90	
7600.00	28.25	271.91	7590.58	1.90	-56.83	56.86	12.00	479199.06	706885.13	
7700.00	40.25	271.91	7673.09	3.77	-112.97	113.04	12.00	479200.94	706828.98	
7800.00	52.25	271.91	7742.12	6.18	-185.04	185.14	12.00	479203.34	706756.92	
7900.00	64.25	271.91	7794.64	9.01	-269.87	270.02	12.00	479206.17	706672.09	
8000.00	76.25	271.91	7828.38	12.15	-363.76	363.96	12.00	479209.31	706578.20	
8100.00	88.25	271.91	7841.84	15.45	-462.61	462.87	12.00	479212.61	706479.35	
8122.40	90.94	271.91	7842.00	16.19	-484.99	485.26	12.00	479213.36	706456.96	Lp
8200.00	90.94	271.91	7840.73	18.78	-562.54	562.85	0.00	479215.95	706379.42	
8300.00	90.94	271.91	7839.10	22.12	-662.47	662.84	0.00	479219.28	706279.49	
8400.00	90.94	271.91	7837.47	25.46	-762.40	762.83	0.00	479222.62	706179.56	
8500.00	90.94	271.91	7835.83	28.79	-862.33	862.81	0.00	479225.96	706079.63	
8600.00	90.94	271.91	7834.20	32.13	-962.26	962.80	0.00	479229.29	705979.69	
8700.00	90.94	271.91	7832.57	35.47	-1062.20	1062.79	0.00	479232.63	705879.76	

Weatherford International Ltd.

WFT Plan Report - X & Y's



Weatherford

Company: BORCO, L.P.	Date: 12/7/2010	Time: 18:38:02	Page: 2
Field: Eddy County, NM (Nad 83)	Co-ordinate(NE) Reference:	Well: JRU #119H, Grid North	
Site: JRU #119H	Vertical (TVD) Reference:	SITE 3345.0	
Well: JRU #119H	Section (VS) Reference:	Well (0.00N,0.00E;271.91Azi)	
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
8774.81	90.94	271.91	7831.34	37.96	-1136.95	1137.59	0.00	479235.13	705805.01	Csg/Cross Hardline
8800.00	90.94	271.91	7830.93	38.80	-1162.13	1162.77	0.00	479235.97	705779.83	
8900.00	90.94	271.91	7829.30	42.14	-1262.06	1262.76	0.00	479239.30	705679.90	
9000.00	90.94	271.91	7827.67	45.48	-1361.99	1362.75	0.00	479242.64	705579.97	
9100.00	90.94	271.91	7826.03	48.81	-1461.92	1462.73	0.00	479245.98	705480.04	
9200.00	90.94	271.91	7824.40	52.15	-1561.85	1562.72	0.00	479249.31	705380.11	
9300.00	90.94	271.91	7822.76	55.49	-1661.78	1662.71	0.00	479252.65	705280.18	
9400.00	90.94	271.91	7821.13	58.82	-1761.71	1762.69	0.00	479255.99	705180.25	
9500.00	90.94	271.91	7819.50	62.16	-1861.64	1862.68	0.00	479259.32	705080.32	
9600.00	90.94	271.91	7817.86	65.50	-1961.57	1962.67	0.00	479262.66	704980.38	
9700.00	90.94	271.91	7816.23	68.83	-2061.51	2062.65	0.00	479266.00	704880.45	
9800.00	90.94	271.91	7814.60	72.17	-2161.44	2162.64	0.00	479269.33	704780.52	
9900.00	90.94	271.91	7812.96	75.51	-2261.37	2262.63	0.00	479272.67	704680.59	
10000.00	90.94	271.91	7811.33	78.84	-2361.30	2362.61	0.00	479276.01	704580.66	
10100.00	90.94	271.91	7809.70	82.18	-2461.23	2462.60	0.00	479279.34	704480.73	
10200.00	90.94	271.91	7808.06	85.52	-2561.16	2562.59	0.00	479282.68	704380.80	
10300.00	90.94	271.91	7806.43	88.86	-2661.09	2662.57	0.00	479286.02	704280.87	
10400.00	90.94	271.91	7804.80	92.19	-2761.02	2762.56	0.00	479289.35	704180.94	
10500.00	90.94	271.91	7803.16	95.53	-2860.95	2862.55	0.00	479292.69	704081.01	
10600.00	90.94	271.91	7801.53	98.87	-2960.88	2962.53	0.00	479296.03	703981.08	
10700.00	90.94	271.91	7799.89	102.20	-3060.81	3062.52	0.00	479299.37	703881.14	
10800.00	90.94	271.91	7798.26	105.54	-3160.75	3162.51	0.00	479302.70	703781.21	
10900.00	90.94	271.91	7796.63	108.88	-3260.68	3262.49	0.00	479306.04	703681.28	
11000.00	90.94	271.91	7794.99	112.21	-3360.61	3362.48	0.00	479309.38	703581.35	
11100.00	90.94	271.91	7793.36	115.55	-3460.54	3462.47	0.00	479312.71	703481.42	
11200.00	90.94	271.91	7791.73	118.89	-3560.47	3562.45	0.00	479316.05	703381.49	
11300.00	90.94	271.91	7790.09	122.22	-3660.40	3662.44	0.00	479319.39	703281.56	
11400.00	90.94	271.91	7788.46	125.56	-3760.33	3762.43	0.00	479322.72	703181.63	
11500.00	90.94	271.91	7786.83	128.90	-3860.26	3862.41	0.00	479326.06	703081.70	
11600.00	90.94	271.91	7785.19	132.23	-3960.19	3962.40	0.00	479329.40	702981.77	
11700.00	90.94	271.91	7783.56	135.57	-4060.12	4062.39	0.00	479332.73	702881.83	
11800.00	90.94	271.91	7781.93	138.91	-4160.06	4162.37	0.00	479336.07	702781.90	
11900.00	90.94	271.91	7780.29	142.24	-4259.99	4262.36	0.00	479339.41	702681.97	
12000.00	90.94	271.91	7778.66	145.58	-4359.92	4362.35	0.00	479342.74	702582.04	
12100.00	90.94	271.91	7777.02	148.92	-4459.85	4462.33	0.00	479346.08	702482.11	
12200.00	90.94	271.91	7775.39	152.25	-4559.78	4562.32	0.00	479349.42	702382.18	
12300.00	90.94	271.91	7773.76	155.59	-4659.71	4662.31	0.00	479352.75	702282.25	
12400.00	90.94	271.91	7772.12	158.93	-4759.64	4762.29	0.00	479356.09	702182.32	
12500.00	90.94	271.91	7770.49	162.26	-4859.57	4862.28	0.00	479359.43	702082.39	
12600.00	90.94	271.91	7768.86	165.60	-4959.50	4962.27	0.00	479362.76	701982.46	
12700.00	90.94	271.91	7767.22	168.94	-5059.43	5062.25	0.00	479366.10	701882.52	
12800.00	90.94	271.91	7765.59	172.27	-5159.36	5162.24	0.00	479369.44	701782.59	
12900.00	90.94	271.91	7763.96	175.61	-5259.30	5262.23	0.00	479372.77	701682.66	
13000.00	90.94	271.91	7762.32	178.95	-5359.23	5362.21	0.00	479376.11	701582.73	
13100.00	90.94	271.91	7760.69	182.28	-5459.16	5462.20	0.00	479379.45	701482.80	
13200.00	90.94	271.91	7759.06	185.62	-5559.09	5562.19	0.00	479382.78	701382.87	
13300.00	90.94	271.91	7757.42	188.96	-5659.02	5662.17	0.00	479386.12	701282.94	
13400.00	90.94	271.91	7755.79	192.29	-5758.95	5762.16	0.00	479389.46	701183.01	
13500.00	90.94	271.91	7754.16	195.63	-5858.88	5862.15	0.00	479392.79	701083.08	
13600.00	90.94	271.91	7752.52	198.97	-5958.81	5962.13	0.00	479396.13	700983.15	
13700.00	90.94	271.91	7750.89	202.30	-6058.74	6062.12	0.00	479399.47	700883.22	
13800.00	90.94	271.91	7749.25	205.64	-6158.67	6162.11	0.00	479402.80	700783.28	
13900.00	90.94	271.91	7747.62	208.98	-6258.61	6262.09	0.00	479406.14	700683.35	

Weatherford

Date: 12/7/2010 Time: 18:38:02 Page: 3

Co-ordinate(N/E) Reference: Well: JRJ #119H, Grid North

Vertical (TYD) Reference: SITE 3345.0

Section (VS) Reference: Well (0.00N,0.00E,271.91Azi)

Survey Calculation Method: Minimum Curvature Db: Sybase

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	90.94	271.91	7745.99	212.31	-6358.54	6362.08	0.00	479409.48	700583.42	
14100.00	90.94	271.91	7744.35	215.65	-6458.47	6462.07	0.00	479412.81	700483.49	
14200.00	90.94	271.91	7742.72	218.99	-6558.40	6562.05	0.00	479416.15	700383.56	
14300.00	90.94	271.91	7741.09	222.32	-6658.33	6662.04	0.00	479419.49	700283.63	
14400.00	90.94	271.91	7739.45	225.66	-6758.26	6762.03	0.00	479422.82	700183.70	
14500.00	90.94	271.91	7737.82	229.00	-6858.19	6862.01	0.00	479426.16	700083.77	
14600.00	90.94	271.91	7736.19	232.34	-6958.12	6962.00	0.00	479429.50	699983.84	
14700.00	90.94	271.91	7734.55	235.67	-7058.05	7061.99	0.00	479432.83	699883.91	
14800.00	90.94	271.91	7732.92	239.01	-7157.98	7161.97	0.00	479436.17	699783.97	
14900.00	90.94	271.91	7731.29	242.35	-7257.92	7261.96	0.00	479439.51	699684.04	
15000.00	90.94	271.91	7729.65	245.68	-7357.85	7361.95	0.00	479442.85	699584.11	
15100.00	90.94	271.91	7728.02	249.02	-7457.78	7461.93	0.00	479446.18	699484.18	
15200.00	90.94	271.91	7726.38	252.36	-7557.71	7561.92	0.00	479449.52	699384.25	
15300.00	90.94	271.91	7724.75	255.69	-7657.64	7661.91	0.00	479452.86	699284.32	
15400.00	90.94	271.91	7723.12	259.03	-7757.57	7761.89	0.00	479456.19	699184.39	
15500.00	90.94	271.91	7721.48	262.37	-7857.50	7861.88	0.00	479459.53	699084.46	
15600.00	90.94	271.91	7719.85	265.70	-7957.43	7961.87	0.00	479462.87	698984.53	
15700.00	90.94	271.91	7718.22	269.04	-8057.36	8061.85	0.00	479466.20	698884.60	
15800.00	90.94	271.91	7716.58	272.38	-8157.29	8161.84	0.00	479469.54	698784.67	
15900.00	90.94	271.91	7714.95	275.71	-8257.22	8261.83	0.00	479472.88	698684.73	
16000.00	90.94	271.91	7713.32	279.05	-8357.16	8361.81	0.00	479476.21	698584.80	
16080.57	90.94	271.91	7712.00	281.74	-8437.67	8442.37	0.00	479478.90	698504.29	Pbhl

Name	Description Dip.	Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	← Latitude →			← Longitude →		
								Deg	Min	Sec	Deg	Min	Sec
Pbhl			7712.00	281.74	-8437.67	479478.90	698504.29	32	19	1.675 N	103	49	28.461 W

MD ft	TVD ft	Diameter in	Hole Size in	Name
8774.81	7831.34	0.000	0.000	Csg

MD ft	TVD ft	
7364.60	7364.60	Kop
8122.40	7842.00	Lp
8774.81	7831.34	Cross Hardline
16080.57	7712.00	Pbhl

MD	TVD	Formations	Lithology	Dip Angle	Dip Direction

**Weatherford®****Weatherford Drilling Services**

GeoDec v5.03

Report Date: December 01, 2010

Job Number: _____

Customer: BOPCO, L.P.

Well Name: JRU #119H

API Number: _____

Rig Name: _____

Location: Eddy County, NM

Block: _____

Engineer: RWJ

Geodetic Latitude / Longitude

US State Plane 1983

System: Latitude / Longitude

System: New Mexico Eastern Zone

Projection: Geodetic Latitude and Longitude

Projection: Transverse Mercator/Gauss Kruger

Datum: North American Datum 1983

Datum: North American Datum 1983

Ellipsoid: GRS 1980

Ellipsoid: GRS 1980

Latitude 32.3162498 DEG

North/South 479198.170 USFT

Longitude -103.7972565 DEG

East/West 706943.040 USFT

Grid Convergence: .29°

Total Correction: +7.46°

Geodetic Location WGS84

Elevation = 0.0 Meters

Latitude = 32.31625° N 32° 18 min 58.499 sec

Longitude = 103.79726° W 103° 47 min 50.124 sec

Magnetic Declination = 7.75° [True North Offset]

Local Gravity = .9988 g CheckSum = 6568

Local Field Strength = 48710 nT Magnetic Vector X = 23955 nT

Magnetic Dip = 60.24° Magnetic Vector Y = 3260 nT

Magnetic Model = IGRF-2010g11 Magnetic Vector Z = 42287 nT

Spud Date = Jan 15, 2011 Magnetic Vector H = 24175 nT

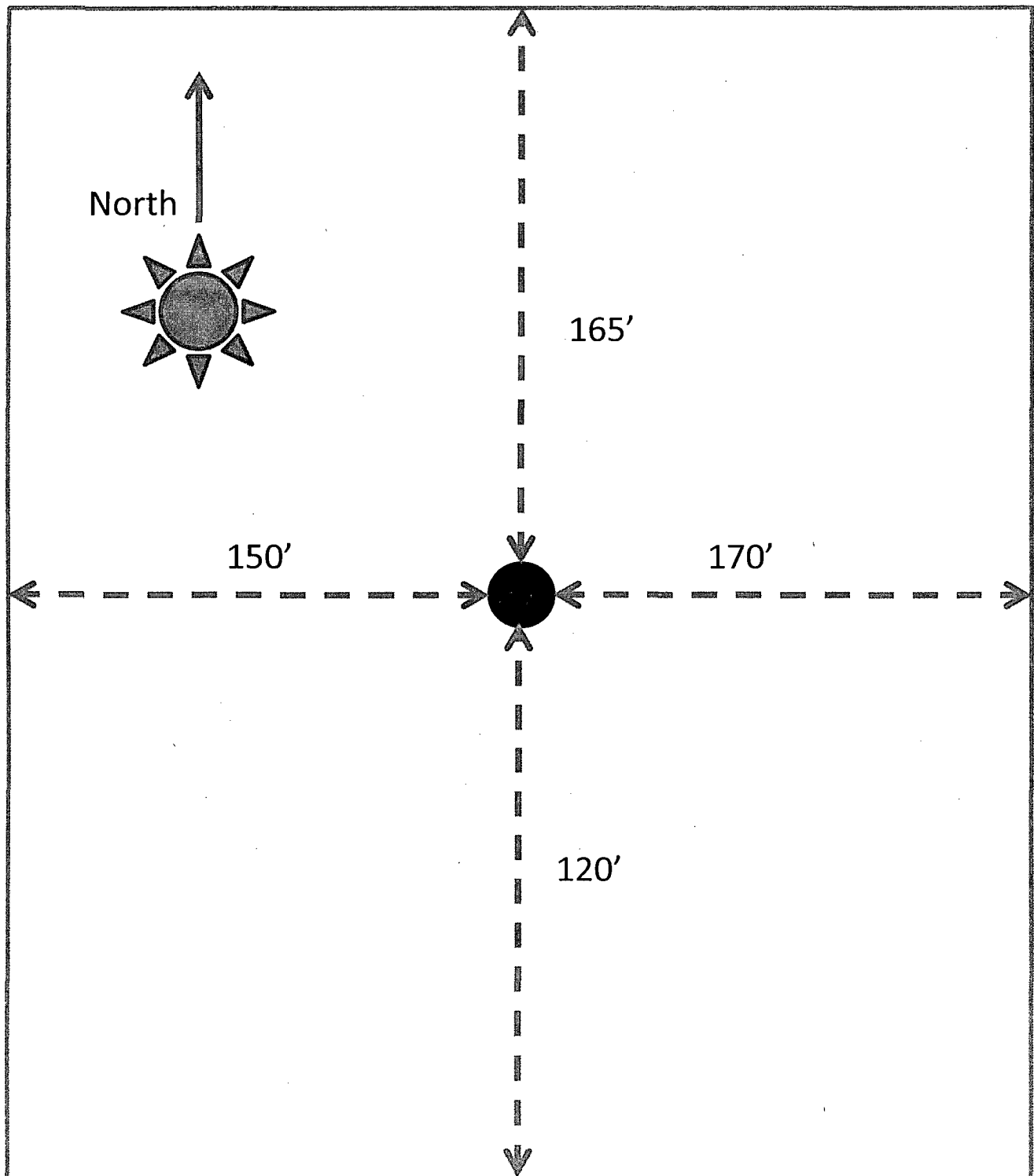
Signed: _____

Date: _____

James Ranch Unit #119H
Latshaw Rig #4 Location Size



V-Door West



DISTRICT I

1625 N. French Dr., Hobbs, NM 88240

DISTRICT II

1301 W. Grand Avenue, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102

Revised October 15, 2009

Submit one copy to appropriate
District Office

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015-38117	Pool Code 50443	Pool Name Quahada Ridge SE (Delaware)
Property Code 306407	Property Name JAMES RANCH UNIT	Well Number 119H
OGRID No. 260737	Operator Name BOPCO, L.P.	Elevation 3325'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	8	23 S	31 E		1640	SOUTH	1830	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	7	23 S	31 E		1980	SOUTH	330	WEST	EDDY
Dedicated Acres	Joint or Infill	Consolidation Code	Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

Sec 7 Sec 8		OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <i>Brian Hammit</i> 12/16/10 Signature Date BRIAN HAMMIT Printed Name
PROPOSED BOTTOM HOLE LOCATION Lat - N 32°19'01.68" Long - W 103°49'28.45" NMSPCE- E 698504.288 (NAD-83)		SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. FEBRUARY 2010 Date Surveyed Signature Seal of Professional Surveyor 7977 Certificate No. Gary L. Jones 7977
LO BRUSHY CANYON "W" SAND PENETRATION PT Lat - N 32°18'58.67" Long - W 103°47'55.79" NMSPCE- E 706456.96 (NAD-83)	DELAWARE PENETRATION PT Lat - N 32°18'58.49" Long - W 103°47'50.14" NMSPCE- N 479197.163 E 706941.959 (NAD-83)	SURFACE LOCATION Lat - N 32°18'58.49" Long - W 103°47'50.14" NMSPCE- N 479197.163 E 706941.959 (NAD-83)

BASIN SURVEYS